

RESEARCH ON VACCINES and Vaccine “Hesitancy”

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ABBREVIATIONS:

ASIA = Autoimmune Inflammatory Syndrome Induced by Adjuvants

ASD = Autism Spectrum Disorder

AUTO-IMMUNE = includes allergy, arthritis, asthma, lupus, and diabetes

GBS = Guillain Barre Syndrome (includes paralysis & pain)

CRPS = Complex Regional Pain Syndrome

IBD = Inflammatory Bowel Disease

MMF = Macrophagic Myofascitis Syndrome

MS = Multiple Sclerosis

1. [AABY 2016](#)

Is DTP Associated with Increased Female Mortality?

- In 15 studies of children, death was 1.53 times higher in girls than boys.

2. [AABY 2018](#)

Evidence of Increase in Mortality After the Introduction of Diphtheria-Tetanus-Pertussis Vaccine to Children Aged 6-25 Months in Guinea-Bissau: A Time for Reflection?

- Conclusion: "Although having better nutritional status and being protected against three infections, 6-35 months old **DTP-vaccinated children tended to have higher mortality** than DTP-unvaccinated children."

3. [AAP 2016:](#)

Countering vaccine hesitancy

- Advice for doctor on how to convince parents to vaccinate

4. [ABRIL-GIL 2015](#)

Development and Characterization of an Effective Food Allergy Model in Brown Norway Rats

- Give rats ovalbumin (egg white protein) with aluminum & toxin from pertussis vaccine, and they will become allergic to egg white. Spain

5. [ADAMS 2009](#)
The Severity of Autism Is Associated with Toxic Metal Body Burden and Red Blood Cell Glutathione Levels
 - The severity of autism is related to toxic metals body burden and glutathione levels
6. [ADAMS 2013](#)
Toxicological status of children with autism vs. neurotypical children and the association with autism severity
 - Children with autism have more toxic metals, levels strongly associated with severity. The problem appears not to be high exposure but decreased excretion
7. [AGMON-LEVIN 2009:](#)
Transverse myelitis and vaccines: A multi-analysis
 - This autoimmune disease may follow some vaccines
 - Possible causes include molecular mimicry, epitope spreading, infectious agents, and adjuvants such as aluminum
8. [AHARON-MAOR 2000](#)
The good, the bad, and the ugly of vaccination
 - Side effects after vaccination can include arthritis, lupus, IBD (*irritable bowel disease*), MS (*multiple sclerosis*), GBS (Guillain Barre Syndrome), allergy, and Reiter's syndrome.
 - Israel
9. [AHMADIPOUR 2018](#)
Vaccine safety surveillance in Canada: Reports to CAEFISS, 2013–2016
 - Authors work for CAEFISS which is supposed to monitor adverse events of vaccines in Canada
 - Canada's immunization rate is low
 - Their CAEFISS system is both passive and active (12 centers, screen hospital admissions for possible vaccine injury)
 - **NOTE:** This would miss most autistic development that would not entail hospital visit. It would also miss most other non-hospital-related reactions.

10. [AKIOKA 2014](#)
Bivalent HPV vaccine safety depending on subtypes of juvenile idiopathic arthritis
 - Says a better cohort study is needed to “dispel unfounded suspicions” re the vaccine.
11. [ALHAJ 2016](#)
Safety and Efficacy Profile of Commercial Veterinary Vaccines against Rift Valley Fever: A Review Study
 - Current RVF virus vaccines have safety concerns.
 - Saudi Arabia
 - This is a vaccine against Rift Valley Fever for sheep.
 - It is neither safe nor effective, with injection site, systemic, and allergic reactions, including seizures.
 - Pregnant sheep getting the shot may lose their babies or give birth to malformed lambs.
12. [AL-NESF 2014](#)
Complex regional pain syndrome type I following tetanus toxoid injection
 - Case study. Suggests immune response to the vaccine. The pain & contractures started 16 hours after the vaccination
13. [ALTHOUSE 2015:](#)
Asymptomatic Transmission and the Resurgence of Bordetella Pertussis
 - Pertussis is increasing. The vaccine is not effective.
 - The authors recommend vaccinating pregnant women or going back to the original DTP vaccine.
14. [ALVES 1992](#)
Postvaccinal parkinsonism
 - This is a case report of a 5-year-old boy who got postencephalitic parkinsonian symptoms after the measles vaccine. An MRI revealed bilateral lesions in the substantia nigra (that is where you see damage in Parkinson's).
 - Symptoms began two weeks after the vaccination and two years later were still present in spite of multiple treatments which are given in detail.

15. [ANDREWS 2004](#)

Thimerosal Exposure in Infants and Developmental Disorders: A Retrospective Cohort Study in the United Kingdom Does Not Support a Causal Association

- **NOTE:** This study was done in the UK where only DTP contained thimerosal, so total exposures much lower than in US.
- The author claims mercury in vaccines is not toxic – not even in the Third World that still uses DTP with mercury. He denies all vaccine harm “with the possible exception of tics” but the only source cited for safety is Pichichero 2002.
- **NOTE:** Taylor testified against Wakefield in the 2000 hearings.
- The study is funded by WHO

16. [ARITA 2005](#)

A Sabin 3-Derived Poliovirus Recombinant Contained a Sequence Homologous with Indigenous Human Enterovirus Species C in the Viral Polymerase Coding Region

- studies done identifying recombinant viruses from polio cases caused by polio vaccine.
- The polio virus can shed up to 22 years. China

17. [ARMSTRONG 2000](#)

A Tiered Approach for Assessing Children's Exposure

- Exxon Biomedical Sciences - select chemical children exposed to and screen for hazard, margin of exposure, etc.
- Suggested methods to establish margins of exposure of chemicals for children. Exposure from air & food but not vaccines are discussed.
- Funded by the Chemical Manufacturers Assn

18. [ARUKHA 2018](#)

Contraceptive efficacy of recombinant fusion protein comprising zonapellucida glycoprotein-3 fragment and gonadotropin releasing hormone

- Animal study. Adding a contraceptive to a DTP vaccine (with aluminum adjuvant) 90% of mice did not get pregnant. Mice getting adjuvant alone did get pregnant. India
- Funded by the Dept of Biotechnology

19. [ARUMUGHAM 2015](#)
Evidence That Food Proteins in Vaccines Cause the Development of Food Allergies and its Implications for Vaccine Policy
- The protein allergens (& adjuvants) in vaccines CAUSE food allergies
 - "... they contain more than enough allergen to cause sensitization."
20. [ASIN 2018 \(Lujan\)](#)
Granulomas Following Subcutaneous Injection with Aluminum Adjuvant-containing Products in Sheep
- Sheep got granulomas at the injection site after vaccination with aluminum adjuvant.
21. [ASIN 2018a \(Lujan\)](#)
Cognition & Behavior in Sheep Repetitively Inoculated with Aluminum Adjuvant-Containing Vaccines or Aluminum Adjuvant Only
- The first study describing behavioral changes in sheep after repeated injections.
 - The vaccine was worse than aluminum alone, compared to saline alone.
22. [ASIN 2019](#)
From the Bluetongue Vaccination Campaigns in Sheep to Overimmunization and Ovine ASIA Syndrome
- The authors compared 3 groups: Vaccine, aluminum alone, saline alone.
 - The sheep getting aluminum or vaccine suffered severe meningoencephalitis, gliosis, subpial glial foci, scattered neuronal death in encephalon & spinal cord, choroiditis, hemorrhages, etc.
23. [ATKINS 2016](#)
Cost-Effectiveness of Pertussis Vaccination During Pregnancy in the United States
- It is cost effective to vaccinate mothers during pregnancy, but not the rest of the family.
 - **NOTE:** Recommending DTP booster EVERY pregnancy - resulting in tetanus shots too close together for moms who choose 2 years between babies. **Funded by the vaccine industry.**

24. [AUTHIER 2001](#)
Central nervous system disease in patients with macrophagic myofasciitis
- Myalgias, pain, cns, multiple sclerosis, visual, vision, brain, MMF, MS, brain atrophy, bladder, vaccine, tetanus, aluminum.
 - MMF – “unusually persistent local reaction to intramuscular injections of aluminum-containing vaccines.”
 - Authors recommend deltoid muscle biopsy for MS symptoms with pain.
 - France
25. [AUTHIER 2006](#)
Safety and Immunogenicity of H5N1 Vaccine
- Letter to Editor re aluminum adjuvant causing autoimmunity & MMF.
 - Says vaccine researchers should “rethink” their adjuvant.
 - **NOTE:** They didn’t.
26. [AYOUB 2008](#)
Influenza Vaccination During Pregnancy: A Critical Assessment of the Recommendations of the Advisory Committee on Immunization Practices (ACIP)
- Even topical thimerosal can cause abortions.
 - Flu shots with mercury in pregnancy is “ill-advised and unsupported by current scientific literature, and it should be withdrawn.”
 - Most flu inserts SAY this shot should not be given to pregnant women.
27. [AYRLE 2018](#)
Colostrum Transmission of BTV-8 Antibodies from Dairy Cows Six Years After Vaccination
- Antibodies were found in calves born to cows vaccinated 6 years earlier.
28. [BAAY 2017](#)
Background Rates of Disease in Latin American Children from a Rotavirus Vaccine Study
- They combined vaccine and placebo symptoms to get “background rate.”
 - The authors are consultants for a vaccine company

29. [BABANIYI 1991](#)

Monitoring Impact of Oral Poliovirus Vaccine on Poliomyelitis Trends From Physiotherapy Records, Liorin, Nigeria, 1981-1988

- 85% of the children got 3 doses of the oral polio vaccine, but polio only decreased 59%
- Low vaccine efficacy. The author said, “eradication may not be achieved by this strategy”
- Author suggested a 4th dose at birth, plus adding IPV to the OPV schedule.

30. [BADIU 2012](#)

Hypersensitivity Reaction to Human Papillomavirus Vaccine Due to Polysorbate 80

- A girl had allergy-like side effects. Skin testing determined it was the polysorbate 80 in the HPV shot. They found one flu shot they were able to give her by testing.

31. [BAKSHI 2012](#)

Emerging Therapeutic Options for Celiac Disease: Potential Alternatives to a Gluten-Free Diet

- Non-diet alternative to gluten-free diet: GMO gluten-free grain; vaccine; block GI permeability, etc.
 - New treatments in development include: engineering gluten-free grains
 - blockage of the epithelial zonulin receptor
 - inducing tolerance to gluten via a vaccine
- The vaccine under development, called Nexvax2, combined the three key gluten-derived peptides and was to be administered by weekly injections in order to desensitize the patients to gluten.
- In the Phase I trial, the vaccine produced gastrointestinal symptoms similar to gluten
- **NOTE:** In 2019, the trial with Nexvax2 was discontinued, as it didn't work and caused symptoms. See more [here](#).

32. [BALLESTER 2018](#)
Prenatal Exposure to Mercury and Longitudinally Assessed Fetal Growth: Relation and Effect Modifiers
- Mercury exposure in pregnancy was associated with reduction in the baby's skull size
 - Mercury from diet (but not vaccines) was considered
33. [BARILE 2011](#)
Thimerosal Exposure in Early Life and Neuropsychological Outcomes 7-10 Years Later
- Working backwards from medical records to estimate mercury exposure, they determined that only an increase in tics was significant.
 - Data from CDC Immunization Safety Office
34. [BARNARD 2019](#)
Interventions to Increase Uptake of the Human Papillomavirus Vaccine in Unvaccinated College Students: A Systematic Literature Review
- They found that video + peer & provider encouragement was the most effective in increasing HPV acceptance.
35. [BAROUCH 2018](#)
Evaluation of a Mosaic HIV-1 Vaccine in a Randomized, Double-Blinded, Placebo-Controlled Phase I/IIA Clinical Trial and in Rhesus Monkeys
- This HIV vaccine gave 66% protection to monkeys. It was tested on healthy people at "low risk" for HIV and claimed "favorable safety and tolerability."
 - The placebo was not described.
 - Funded by Bill Gates, NIH, Janssen Vaccines collected the data
 - Barouch invented the HIV vaccine being studied
36. [BASSEY 2011](#)
Surveillance of acute flaccid paralysis in Akwa Ibom State, Nigeria 2004-2009
- Of the 521 cases of paralysis, 98.3% of the paralyzed kids had received at least 3 doses of the oral polio vaccine (OPV)
 - Only 1.7% had never received any polio vaccine
 - Africa

37. **BAVDEKAR 2019**

Clinical Study of Safety & Immunogenicity of Pentavalent DTP-HB-Hib Vaccine Administered by Disposable Syringe Jet Injector in India

- The study was stopped because of too many reactions.
- Authors felt it “may be more acceptable in other populations.”
- Funded by Gates & Big Pharma. Author worked for the device company

38. **BECKER 2010**

Similarities in features of autism and asthma and a possible link to acetaminophen use

- Fever, inflammation, genetic, cytokines, immune system, brain
- Tylenol (often used after vaccination) may increase risk of both asthma & autism.

39. **BEDSON 1931**

Immunization with killed herpes virus

- Virus killed by heat did not cause immunity; wanted to find out if virus inactivated by formalin could.
- Used guinea pigs.
- Animal study

40. **BELCARO 2010**

Prevention of Flu Episodes with Colostrum & Bifivir Compared with Vaccination: An epidemiological Registry Study

- 4 groups were compared:
 - No prevention
 - Flu vaccine
 - Vaccine + immunomodulators (colostrum + bifivir)
 - Immunomodulators only
- Immunomodulators were more effective than the flu shots..

41. [BELEC 2011](#) (Ghirardi)
Safety and Immunogenicity of Hepatitis B Vaccine Regimens in Adults with HIV-1
- Comment on LAUNAY 2011
 - Three different strengths of the HepB vaccine was given to people with HIV & they were followed for 28 days
 - **NOTE:** Not long enough, because ASIA from aluminum may not show until 11 months later.
42. [BENN 2019](#) (Aaby)
Lessons learned from the Testing of Neonatal Vitamin A Supplementation
- Vitamin A given at birth interacts with the DTP shot, increasing female deaths
43. [BERNARD 2000](#)
Autism: A unique type of mercury poisoning
- ARC Research
 - See genetic susceptibility, page 38.
44. [BERNARD 2001](#)
Autism: A novel form of mercury poisoning
- Thimerosal. Mercury exceeds safety levels.
45. [BERNARD 2002](#)
The role of mercury in the pathogenesis of autism
- Autism, thimerosal, vaccines, mercury
 - Mercury in vaccines is a factor in the pathogenesis of autism in people genetically susceptible
46. [BERNARD 2015](#)
Primate Model of Effects of Vaccination on Autism-like Behaviors and Neuropathology. A Review of the Data from Phases I and II
- Review of Gadad & Curtis papers
 - Phase I papers show that autism is related to vaccines
 - Phase II papers do not. Author finds publication bias and **conflicts of interest**, e.g., **Offit is involved in Phase II.**
 - Bernard found 6 problems with the GADAD 2015 study and reanalyzed several figures of that study

47. [BILIC 2013](#)
Complex regional pain syndrome type I after diphtheria-tetanus (Di-Te) vaccination
- Emotional stress may impair the immune response and lead to CRPS as a vaccine complication
 - **NOTE:** So – if stressed, delay vaccination
 - Also, consider CRPS if severe pain and swelling occur after the vaccine
48. [BITNUN 1999](#)
Measles Inclusion-Body Encephalitis Caused by the Vaccine Strain of Measles Virus
- Seizures, death after the MMR
 - A healthy child got the MMR shot and got encephalitis almost 9 months later. A brain biopsy revealed vaccine type measles virus in the child's brain.
49. [BJORKLUND 2017](#)
Histone Deacetylase Inhibitors, Thimerosal, and Autism Spectrum Disorder
- Comment on DOREA 2017
 - Mercury increases HCAC4 protein expression and should be removed.
50. [BLAYLOCK 2007](#)
The Danger of Overvaccination with the Present Vaccine Policy
- The history of vaccines, herd immunity, sanitation, lies told, aluminum, mercury
 - Says high-pitched crying is caused by brain swelling & inflammation
51. [BLAYLOCK 2007](#)
A Possible Central Mechanism in Autism Spectrum Disorders: Interaction of Activated Microglia, Excitotoxicity, Reactive Oxygen and Nitrogen Species, Lipid Peroxidation Products and the Role of Elevated Androgen Levels in Autism Spectrum Disorders
- He discusses the combination of vaccines, allergies, microglia priming, aluminum, mercury, etc., and their relation to brain immune stimulation and autism.

52. [BLAYLOCK 2008](#)

The truth behind the vaccine coverup (Simpsonwood Conference)

- At a secret meeting of scientists and Big Pharma, a dose-response link between Thimerosal and autism was confirmed, but erased before later publication. Blaylock discusses “outrageous statements” etc.

53. [BLAYLOCK 2013](#)

Video: Eugenics, Fluoride & Vaccines

- Interviews on origins of eugenics & social engineering
- This video was removed from YouTube for “violating YouTube’s Community Guidelines” but I found it on BitChute.

54. [BLAYLOCK 2013](#)

Video: Gardasil HPV Vaccine Fraud Exposed

- This video was removed from YouTube but was found on BitChute
- Gardasil does not prevent HPV or cervical cancer, explained in video interview

55. [BLUE CROSS 2016](#)

Doctor Performance Recognition Program

- See page 16, bottom, re payout for fully vaccinated children. This is the Michigan book. Other states may be similar but are not available online
- If your doctor fires you for not vaccinating your kids, this may be why.

56. [BLUMSTEIN 1966](#)

Peripheral Neuropathy Following Tetanus Toxoid Administration

- The military says reactions to the tetanus shot are only 0.002% but civilian centers say delayed reactions consisting of local swelling, erythema, lymphadenopathy and fever occur considerably more frequently than these figures indicate
- This paper is a case study of a first appearance of peripheral neuropathy following tetanus toxoid

57. [BOLLAERTS 2017](#)

Systematic Review of Varicella Seroprevalence in European Countries Before universal Childhood Immunization: Deriving Incidence from Seroprevalence Data

- 90% in Europe get varicella (chickenpox) by age 15 years
- All the authors work for Sanofi-Pasteur, a vaccine company.
- France

58. [BOLTE 1998](#)

Autism and Clostridium tetani

- Subacute chronic tetanus infection of GI tract; reduced toxicity. Fragments go to CNS via vagus nerve.
- Hypothesis: Autism may be a chronic tetanus infection
- Published in *Medical Hypotheses. Strategies to Test*

59. [BORGES 2019](#)

Detection of Post-Vaccination Enhanced Dengue Virus Infection in Macaques: An improved model for early assessment of dengue vaccines

- The vaccine made dengue fever worse in kids and monkeys, but they can now test future vaccines by identifying “safety signals” in monkeys before killing the kids.
- Conflict of interest: The authors were employed by the vaccine companies and own stock shares in it

60. [BRADSTREET 2010](#)

Biomarker-guided interventions of clinically relevant conditions associated with autism spectrum disorders and ADHD

- A biomedical approach, including effects of vaccine-related immunodeficiencies which may be helped by IVIG therapy.

61. [BRANCH 2009](#)

Gender-selective toxicity of Thimerosal

- Animal study.
- Male mice died first from high dose of mercury

62. [BREIMAN 2001](#)
Vaccines as Tools for Advancing More than Public Health: Perspectives of a Former Director of the National Vaccine Program Office
- There is a lack of enthusiasm for vaccines, (in Bangladesh) so new ones will be held to higher standards, he said.
 - **NOTE:** No, lately they prefer the tactic of terrorizing the population.
63. [BRONIATOWSKI 2018](#)
Weaponized health communication: Twitter bots and Russian trolls amplify the vaccine debate
- Discussion of trolls, bots, malware, etc., in the vaccine debate, and their use for public health, etc
64. [BROPHY 2018](#)
Summary of the NACI update on immunization in pregnancy with tetanus toxoid, reduced diphtheria toxoid and reduced acellular pertussis (TDaP)
- Recommend TDaP to all pregnant women from 13 weeks to delivery
 - The only references used are their own NACI literature reviews.
65. [BROTONS 2010](#)
Effectiveness of Varicella Vaccines as Postexposure Prophylaxis
- The vaccine works as prevention if given 1-5 days after exposure to chickenpox
 - Chickenpox was diagnosed by parent over phone
 - The exposed child was assumed to be non-immune, but maybe not, especially if older
 - Effectiveness numbers were estimations only.
66. [BRUMBACK 2008](#)
A never ending saga: the mercury & autism articles by Ip et al
- Complaint about careless research. SEE **DeSOTO 2007** and **IP 2004**

67. [BRYAN 2018](#)

Safety of multicomponent meningococcal group B vaccine (4CMenB) in routine infant immunization in the UK: A prospective surveillance study

- The “safety” of this vaccine is not known although it is given nationwide in the UK. That is the reason for this “safety” study.
- It was compared against “background” but not against an unvaccinated group
- “Background” was not described, but in other studies it was determined by how many babies got adverse events from an injection with all the adjuvants but not the virus itself.
- Reactions reported: Fever, local reactions, Kawasaki (inflammation of coronary arteries), seizures, sudden death
- Of 3 million doses, there were 902 reports of reactions. 6% had seizures. 3 got Kawasaki, 3 died (SIDS) within 3 days
- The authors said they found “No significant concerns.”
- **NOTE:** 300 reactions per million is not the same as “one in a million.”

68. [BURBACHER 2005](#)

Comparison of Blood and Brain Mercury Levels in Infant Monkeys Exposed to Methylmercury or Vaccines Containing Thimerosal

- Animal study.
- Methylmercury via oral gavage, compared to ethylmercury by injection
- Ethylmercury apparently metabolized and excreted faster
- “Methylmercury is not a suitable reference for risk assessment from Thimerosal.”
- “A higher percentage of the total Hg in the brain was in the form of inorganic Hg for the Thimerosal-exposed monkeys (34% vs 7%)”
- “The risk of brain damage is less for ethylmercury than for methylmercury.”
- “These conclusions are based on only a few studies, none of which included measurements of both blood and brain Hg levels in infant subjects.”

69. [BUTTS 2017](#)

Human Papillomavirus Vaccine and postural orthostatic tachycardia syndrome: A review of current literature

- Cases have been reported but there is “no conclusive evidence supporting a causal relationship”
- The paper reviews a number of other papers, most of which seem to have conflicts of interest of various kinds.
- At least one of the authors is a consultant for the Div. of Vaccine Injury Compensation and Amgen (a large drug company).

70. [BYARS 1976](#)

Intestinal anaphylaxis in the rat as a model of food allergy

- The pertussis vaccine + protein can reliably create allergic animals for research
- **NOTE:** How did they miss this as the CAUSE of human food allergy??

71. [BYBERG 2016](#) (Aaby)

A general measles vaccination campaign in urban Guinea-Bissau: Comparing child mortality among participants and non-participants

- When the MMR shot was given in 2012 with Vitamin A **and a deworming medicine**, fewer children died, especially girls, of all-cause mortality
- Compared for only one year
- **NOTE:** How to know if it was the measles shot or the deworming medicine?

72. [CADUSSEAU 2014](#) (Gherardi)

Selective elevation of circulating CCL2/MCP1 levels in patients with longstanding post-vaccinal macrophagic myofasciitis (MMF) & ASIA

- In MMF, there is long-term aluminum remaining
- Significant elevation of specific cytokine in serum can be used as biological markers

73. [CAMILLI 2017](#)
Impact of pneumococcal conjugate vaccine (PCV7 and PCV13) on pneumococcal invasive diseases in Italian children & insight into evolution of pneumococcal population structure
- In the US and Italy, the vaccine strain decreased but non-vaccine invasive pneumococcal diseases (IPD) **increased**.
 - It's called serotype replacement
74. [CARVALHO 2008](#)
Inhibition of the human thioredoxin system: A molecular mechanism of mercury toxicity
- Working *in vitro*, the authors determined a molecular mechanism of mercury toxicity
75. [CARVALHO 2011](#)
Effects of selenite & chelating agents on mammalian thioredoxin reductase inhibited by mercury. Implications for treatment of mercury poisoning
- Continuing *in vitro* studies, the authors showed cell recovery by selenite as a detoxification agent for mercury poisoning
76. [CASTILOW 2007](#)
Understanding respiratory syncytial virus (RSV) vaccine-enhanced disease
- Animal study. The RSV vaccine trial caused worse disease & death in vaccinated children and in mice.
 - 87% of vaccinated children (in 1960s) got sicker from RSV, more were hospitalized, and 2 died
 - Same result in the study with mice
 - **NOTE:** Why didn't they do the mouse study BEFORE giving it to children??
77. [CDC 2013](#)
Board of scientific counselors meeting: See Page 6
- Vaccinated people are more likely to get infected with pertussis & transmit it than unvaccinated people.

78. [CDC 2015](#)
CDC admits 98 million Americans received polio vaccine in an 8-year span when it was contaminated with cancer virus
- “Much, possibly most, of the world’s cancers came from the Salk & Sabin polio vaccines, and hepatitis B vaccines.”
 - Spraying aerial vaccines against the West Nile Virus may trigger shingles.
79. [CDC 2015, 2017](#)
The PinkBook: Epidemiology and Prevention of Vaccine-Preventable Diseases
- 499 pages of information about vaccine history, ingredients, safety, etc
80. [CDC 2015, 2017](#)
The PinkBook: Appendix D. -- Vaccine Injury Table
- This list does not include many of the injuries discussed by other researchers, nor any developmental outcomes
81. [CDC 2015, 2017](#)
The PinkBook: Appendix E. – Reported Cases & Deaths from Vaccine-Preventable Diseases, U.S.
- Cases & deaths from 1950 – 2016
82. [CDC 2019](#)
Vaccine Excipient Summary (for US)
- This paper lists the excipients included in each of the US vaccines
83. [CESARONE 2007](#)
Prevention of influenza episodes with colostrum compared with vaccination in healthy and high-risk cardiovascular subjects: Epidemiologic study in San Valentino
- 4 groups were compared:
 - Flu shots alone
 - Flu shots with colostrum
 - Colostrum alone
 - No treatment
 - The colostrum did best – 3 times better than the flu shot alone – even for high risk people

84. [CHANDLER 2017](#)

Current safety concerns with HPV: A cluster analysis of reports in VigiBase

- Authors found a pattern of headache/dizziness & fatigue/fainting which is different from other vaccine effects

85. [CHAUHAN 2019](#)

The efficacy & safety of intralesional immunotherapy with MMR virus vaccine for the treatment of common warts in adults

- The MMR vaccine was injected into warts repeatedly as a treatment
- It worked for 82.4% of the 51 (of 110) patients who completed the study
- BUT ... this was only 38% of the 110 who had enrolled – less than the rate of improvement in a [double blind study of hypnotism for warts.](#)
- **NOTE:** I'll take the hypnotism ... fewer side effects than the MMR shot and less painful.

86. [CHECCHI 2019](#)

HPV vaccination of gay, bisexual & other men who have sex with men in sexual health & HIV clinics in England: Vaccination uptake & attendances during the pilot phase

- Of those men who got the first dose of HPV:
 - 58% got the second dose
 - Only 29.4% got the third dose
- Men were monitored for rectal HPV & anogenital warts.
- No adverse effects were mentioned
- **NOTE:** No reason is given why 70% did not complete the study, or what **their** adverse effects may have been.

87. [CHEMINAY 2018](#)

A single vaccination with non-replicating MVA at birth induces both immediate and long-term protective immune responses

- Animal study. This vaccine given to mice in this study has the potential to change infant immune system “efficiency” so more vaccines can be given at birth
- **NOTE:** The reason some vaccines cannot be given at birth is due to maternal immunity inherited by the baby Is THAT what this impacts? To destroy inherited passive immunity? If so, this is a terrible idea.

88. [CHEN 2013](#)

Effect of Thimerosal on the neurodevelopment of premature rats

- Learning and memory of rat preemies decreased after Thimerosal

89. [CHEN 2018](#)

Safety of a quadrivalent human papillomavirus (HPV) vaccine in a Phase 3, randomized, double-blind, placebo-controlled clinical trial among Chinese women during 90 months of followup

- Both the HPV vaccine & the “placebo” had 225 mcg of aluminum adjuvant
- About 50% of **each group** had systemic side effects.
- Almost 3% of side effects were “serious” including Grade 3 & 4 (hospitalization and deadly reactions).
- **NOTE:** The **authors** got to decide which side effects were vaccine-related.
- They considered **NONE** of them to be “vaccine-related.”
- The study was funded by Merck.

90. [CHEN 2018](#)

Vaccines and the risk of acute disseminated encephalomyelitis

- Case control study of 272 cases in China
- There was a significant increase of encephalomyelitis 31-60 days after vaccination, but it was written off as coincidental
- Authors work for the Program of Immunization

91. [CHERRY 2012](#)

Why do pertussis vaccines fail?

- Several problems with the vaccine are described
- Depending on diagnostic method, vaccine efficacy was 83%, 72% or 40%
- Cherry is a vaccine company consultant, but the vaccine company did not fund this study

92. [CHERRY 2014b](#)

Tetanus-Diphtheria-Pertussis immunization in pregnant women and the prevention of pertussis in young infants

- Author complains that in US vaccinating pregnant women is often not covered by insurance
- He says we have the opportunity to “prevent all pertussis deaths and severe disease in young infants” if we just vaccinate the mothers.
- He is a consultant for GSK & Sanofi-Pasteur

93. [CHERRY 2015](#)

Epidemic pertussis and acellular pertussis vaccine failure in the 21st century

- He says the old DTP was not really better, and ALL pregnant women must receive Tdap in EACH pregnancy
- **NOTE:** This would create a situation where women were getting tetanus shots much too often
- Cherry is a consultant for GSK & Sanofi-Pasteur

94. [CHERRY 2015a](#)

The effect of Tdap vaccination of pregnant women on the subsequent antibody responses of their infants

- Cherry says Tdap in ALL pregnant women will prevent ALL pertussis deaths in infants.
- He says any “blunting” of the baby’s immune response later is not important.
- He is a consultant & speaker for Sanofi-Pasteur & GSK.

95. [CHERRY 2016](#)

Pertussis in young infants throughout the world

- He describes symptoms, diagnosis & treatment of babies.
- Recommends giving ALL pregnant women the vaccine in the second or third trimester.
- He is a consultant & speaker for Sanofi-Pasteur & GSK.

96. [CHERRY 2018](#)

An observational study of severe pertussis in 100 infants < 120 days of age

- He described the current treatments and suggests changes.
- Exposure or vaccine exposing baby to pertussis toxin prevents death, but there may be other symptoms of pertussis again in the future.
- **NOTE:** Sounds like he wiped out permanent immunity.
- He is a consultant & speaker for Sanofi-Pasteur & GSK

97. [CHHAWCHHARIA 2014](#)

Commentary – Controversies surrounding mercury in vaccines: Autism denial as impediment to universal immunization

- This is an article about the whistleblower, Thompson, who said the CDC hid the risk of autism among Black children.
- Discussion of mercury levels far above EPA limit of 0.1 ug/kg in the Third World vaccination program.
- Says autism denial hinders vaccine use
- Says single doses without mercury are cheap in India and to be recommended.

98. [CLARK 2003](#)

Safety, efficacy, and immunogenicity of a live, quadrivalent human-bovine reassortant rotavirus vaccine in healthy infants

- Some virus shedding, showing "at least a low level of replication in the human host."
- Only 439 babies were tested. They were followed only 14 days
- Their temperature was recorded for only 7 days
- Not ALL side effects were recorded, but only those considered "relevant" such as fever, diarrhea, vomiting
- Side effects were almost equal in the test and "placebo" groups (**both contained all the toxins**)
- Funded by Merck; Researchers were current or former Merck employees

99. [CLARK 2004 \(Offit\)](#)

Vaccines for rotavirus gastroenteritis universally needed for infants

- Pediatricians will explain to parents the necessity for a rotavirus vaccine
- History of Rotashield vaccine and intussusception. Rotashield was withdrawn
- Rotateq was being tested internationally on 60,000 infants. "Intussusception less than expected." Placebo was not described
- **Author Offit owns the vaccine**

100. [CLASSEN 1997](#)

The timing of pediatric immunization & the risk of insulin-dependent diabetes mellitus

- Animal study. Giving rats & mice DTP & anthrax vaccines at birth protected against diabetes
- Giving DTP at 8 weeks **increased it**.
- When Sweden stopped giving the BCG vaccine, diabetes increased (confounded by the smallpox vax)
- In other countries, adding vaccines increased diabetes
- Author concluded that previous vaccine trials are flawed because they **can't detect associations between vaccinations & autoimmune diseases**

101. [CLASSEN 1999](#)

Association between Type I Diabetes and Hib vaccine

- Letter to Editor.
- Authors say risk of the vaccine is greater than its potential benefit

102. [CLASSEN 2000](#)

Hemophilis vaccine associated with increased risk of diabetes

- Letter to Editor
- Diabetes Type 1 risk exceeds the benefit of the vaccines as given today, so he recommends giving them all at birth
- Graves answers explaining why this is wrong

103. [CLASSEN 2004](#)
Pertussis infections, vaccines & Type 1 diabetes
- Letter to Editor; Reply by Montgomery
104. [CLASSEN 2008](#)
Evidence childhood epidemics of type 1 and type 2 diabetes are opposite extremes of an immune spectrum disorder induced by immune stimulants. Role of race and associated cortisol activity as a major determining factor of the type of diabetes
- Both Type 1 & 2 diabetes and metabolic syndrome are caused by increased immune stimulation / increase in vaccines
 - If you secrete cortisol when immune stimulated, then you get more diabetes Type 2 but fewer autoimmune diseases
 - If cortisol is low, then risk is higher for Type 1 diabetes
 - BCG vaccine increased Type 1 (Europeans) and Type 2 (Japanese) diabetes, but when discontinued, both diabetes types went down
 - The author says the best way of stopping both types of diabetes is to “prevent exposure to unnecessary immunological challenges.”
 - The author says the same holds for pets and horses; horses eating grass are now fat – they are not eating fast food and watching TV, but they are very immunized
 - **NOTE:** Claussen doesn't suggest giving all these shots at birth this time, so perhaps he means to say they should be stopped? This is not clear, probably for good reason
 - Classen Immunotherapies has patents on testing of vaccines for ability to cause diabetes
105. [CLASSEN 2011](#)
Italian pediatric data support hypothesis that simultaneous epidemics of Type 1 diabetes & Type 2 diabetes/metabolic syndrome / obesity are polar opposite responses to a primary inflammatory condition
- The type of diabetes is related to cortisol activity, causing either autoimmunity or obesity
106. [COCHRANE 2016](#)
Complaint to the European Medicines Agency (EMA) over maladministration at the EMA
- The complaint says the EMA rejected all suspected harm, but their leaked secret documents tell a different story

107. [COCHRANE 2018](#)
Vaccines for preventing influenza in healthy adults (Cochrane Review by Demicheli)
- There was only a 1% lower risk of getting flu
 - There was no difference in hospitalization rates or time off work
 - There was an increased risk of adverse events
108. [COHET 2019](#)
Safety of AS03-adjuvanted influenza vaccines: A review of the evidence
- This is a review of reported effects of the flu shot with AS03 adjuvant (polysorbate 80 and squalene)
 - Narcolepsy was a side effect caused by T-cell mimicry
 - Otherwise it's safe and should be used in more vaccines. (Yikes)
 - **Most of the authors work for GSK (Big Pharma)**
109. [COHLY 2005](#)
Immunological findings in autism
- This is a review of the connection of autism and thimerosal and MMR
 - Immune regulation, cytokines, autoimmunity, mercury, measles, genes, CD4 cells, T-cells, Th1/Th1 immunity, thimerosal, MMR, measles.
 - Brain specific antibodies. Inflammatory process. Environmental factors
110. [COLEMAN 2017](#)
Cost analysis of measles in refugees arriving at Los Angeles International Airport from Malaysia
- One refugee from Malaysia had measles. There was a total of 9 cases.
 - The cost was > \$140,000 for tracing etc
 - Therefore we must vaccinate all refugees before they come to the US
 - **NOTE:** Why bother tracing if most Americans are vaccinated? And those not vaccinated don't mind getting measles?

111. [CORVELVA 2018](#)
Vaccinegate: Study on the chemical composition profile of Infanrix Hexa
- They found contaminants
 - Some ingredients were missing (i.e., the tetanus toxoid itself, etc.) in this combination vaccine
 - See <http://www.drugs.com/uk/infanrix-hexa.html>
112. [COUETTE 2009](#) (Gherardi)
Long-term persistence of vaccine-derived aluminum hydroxide is associated with chronic cognitive dysfunction
- Patients have chronic fatigue, pain, cognitive difficulty affecting visual & verbal memory, attention, planning & listening
 - The authors designed diagnostic tests
113. [COWLING 2012](#)
Increased risk of noninfluenza respiratory infections associated with receipt of inactivated influenza vaccine
- The flu shot group didn't get less flu, but DID get significantly more non-flu illnesses (including coronaviruses)
 - The placebo content was not described
114. [CREPEAUX 2015](#) (Gherardi)
Highly delayed systemic translocation of aluminium-based adjuvant in CDI mice following intramuscular injections
- Animal study. Granulomas remained in the muscle for a long time
 - It also transferred to the brain and spleen and other organs
 - Aluminum is found in all body fluids from environmental use, but has no known biological role
 - It is neurotoxic and crosses the blood brain barrier

115. [CREPEAUX 2017](#) (Gherardi)
Non-linear dose-response of aluminium hydroxide adjuvant particles: Selective low dose neurotoxicity
- Anxiety, cognitive decline & movement changes 180 days after receiving various doses of aluminum adjuvant
 - The low dose was the worst
 - This dose contains small bacteria-size agglomerates easily captured and transported by the immune system.
116. [CUBA 2007](#)
Randomized placebo-controlled trial of inactivated poliovirus vaccine in Cuba
- The “placebo” group got all vaccines except IPV
 - They tested the response to oral polio (OPV) to see if the live virus was shedding
 - They found that OPV live virus sheds less in stool if IPV is given first. SEE Table 3
117. [DAPTACEL 2002](#)
Diphtheria and Tetanus Toxoids and Acellular Pertussis Vaccine Adsorbed DAPTACEL
- Vaccine Package insert lists ingredients, amounts, including aluminum, formaldehyde, etc.
118. [DaSILVA 2015](#)
Safety assessment of adjuvanted vaccines. Methodological considerations
- “Communication of the benefit-risk profile is necessary to maintain public confidence in vaccines.”
 - **Authors are employed by GSK & hold vaccine patents**
119. [DASTUR 1981](#)
Response to single dose of tetanus vaccine in subjects with naturally acquired tetanus antitoxin
- In India, 80% of patients over 1 year old had measurable natural tetanus antitoxin. SO ... they didn't respond well to the DTP shot.
 - **NOTE:** Maybe they didn't need it?

120. [DASZAK 1997](#) (Wakefield)
Detection and comparative analysis of persistent measles virus infection in Crohn's disease by immunogold electron microscopy
- The measles virus is involved in Crohn's disease.
 - UK
121. [DeGROOT 2013](#)
Low immunogenicity predicted for emerging avian-origin H7N9: Implication for influenza vaccine design
- "Stealth virus" ... vaccines not successful, 27% mortality but only 130 infections in 2013
122. [DEISHER 2014](#)
Impact of environmental factors on the prevalence of autistic disorder after 1979
- Increases in autism correspond to introduction or increase of fetal cells in vaccines, NOT changes in diagnosis
123. [DEISHER 2015](#)
Epidemiologic & molecular relationship between vaccine manufacture & autism spectrum disorder prevalence
- There is a causal relationship between vaccines using fetal cells & autism
124. [DEISHER 2019](#)
Open letter from Dr. Theresa Deisher to legislators regarding fetal cell DNA in vaccines
- Fetal cell contaminants in vaccines are not trivial
 - There is a relationship between immune response, autoimmunity, & autism
125. [DeLONG 2011](#)
A positive association found between autism prevalence & childhood vaccination uptake across the US population
- In every state in the US, the higher the % getting vaccines, the higher the % of autism

126. [DeLONG 2012](#)
Conflicts of interest in vaccine safety research
- Minimizing conflicts of interest could reduce research bias
 - DeLong suggests remedies
127. [DeLONG 2018](#)
A lowered probability of pregnancy in females in the USA aged 25-29 who received a human papilloma virus vaccine injection
- There were reports of ovary failure after HPV vaccine
 - Of 8,000,000 women in the USA, 60% of those who did not get HPV vaccine got pregnant.
 - Only 35% of those who got the HPV shot ever got pregnant
128. [DENG 2011](#)
Irregular poliovirus vaccination correlates to pulmonary edema of hand, foot & mouth disease
- Letter to Editor: Oral polio vaccination apparently protects against Hand, Foot & Mouth Disease in China
 - 10-15 doses are given in some countries
129. [DENG 2019](#)
Postvaccination febrile seizure severity and outcome
- Vaccine-induced seizures were compared with non-vaccine induced seizures
 - A child was excluded if they had a CNS infection (it was not indicated how many and whether the CNS infection was vaccine-related)
 - Followup of the second half was not done
 - According to their schedule, 40 doses of 13 different vaccines were given by 2 years of age in Australia
 - One of the authors is on the advisory boards of Sanofi, Pfizer, & GSK vaccine companies

130. [DE OLIVEIRA 2000](#)
Vaccine-associated paralytic poliomyelitis: a retrospective cohort study of acute flaccid paralyses in Brazil
- AFP = acute flaccid paralysis
 - VAPP = vaccine-associated paralytic poliomyelitis
 - They are the same thing, caused by the oral polio vaccine
 - 3,656 cases AFP were reported, but only 30 were classified as VAPP
 - The only cases of polio today in Brasil are vaccine-related which means a child who got the oral vaccine (and also his contacts) may get AFP. There is no mention of treatment.
131. [DeSERRES 2013](#)
Largest measles epidemic in N. America in a decade – Quebec, Canada 2011: Contribution of susceptibility, serendipity, & superspreading events
- 48% of people who got measles in this outbreak had 2 doses of measles vaccine
 - Funded by vaccine companies
132. [DeSOTO 2007](#)
Blood levels of mercury are related to diagnosis of autism; a reanalysis of an important data set
- Reanalyzing IP (2004), an error was found
 - A significant relation DOES exist between blood mercury & autism diagnosis
 - See IP (2004) and BRUMBACK (2008)
 - Some children are diagnosed as autistic before their mercury poisoning is recognized
133. [De STEFANO 2004](#)
Age at First Measles-Mumps-Rubella Vaccination in Children With Autism and School-Matched Control Subjects: A Population-Based Study in Metropolitan Atlanta
- Children who were vaccinated at less than 36 months old more often had autism, but the author thinks the vaccine was required for early intervention in pre-existing autism. The dates of diagnosis were not recorded
 - **NOTE:** This is not reasonable since MMR is normally given at 12 months anyhow for the first shot, and then 3 – 4 years for the second. So the FIRST shot is not “early” when under 36 months Funded by the CDC

134. [DeSTEFANO 2019](#) (Offit)

Principal controversies in vaccine safety in the United States

- Lists all the concerns against vaccines and says none of them are valid (except GBS, a little)
- He admits there is a “small increased risk” of GBS after the flu shot, but says it is less than the risk from the flu
- He blames the unvaccinated for causing outbreaks (no source listed)
- He blames Wakefield (1998) for first suggesting MMR may cause autism
- **NOTE:** Wakefield’s paper was a case series and made no such claim
- DeStefano claims autism is genetic and begins in utero. He lists a number of studies he claims show no association between MMR and autism. He says the FDA found that mercury was higher than EPA safety guidelines, but, he says, ethylmercury is “much safer” so it’s okay
- He describes studies comparing smaller & larger amounts of mercury
- **NOTE:** This is like comparing 1 to 2 packs a day of cigarettes to see if tobacco causes cancer. **At no time are vaccinated children compared to totally UNVACCINATED children**
- He says “no mechanisms have been demonstrated to explain how vaccines could account for the development of autoimmune disease.”
- **NOTE:** Is that proof?
- He blames Wakefield for an increase in “re-emergence of measles disease and deaths” (see following chart)
in the UK From 1994 to 2016 there were never more than 3 deaths per year related to measles in the whole country. [See link](#)
- yes, there were more cases, but note that didn’t happen until 2002
- The numbers went down again after 2010. And there were almost NO DEATHS in any of these years before or after Wakefield’s paper
- Going back to 1940 in the UK ... there were 409,521 cases and 0857 deaths
- That is 0.2% mortality which is higher than now, but 99.8% got permanent immunity with no shots. And when 99.8% get immunity, you will also get herd immunity without a vaccine
- Thus, looking at the numbers since 1992 – except for 1 unvaccinated immunodeficient child, one boy on immunosuppressive drugs, one man who got pneumonia, and a baby with a secondary infection, all other deaths since 1992 were in older people who had had measles in the 1980s or earlier ... how were they even called “measles deaths?”

135. [DeWITT 2011](#)
Response to “Theoretical aspects of autism: Causes – a review” by Ratajczak, HV (*Journal of Immunotoxicology*)
- DeWitt complains about the description of risk factors in RATAJCZAK 2011. Blames Wakefield
 - DeWitt works for the Dept of Pharmacology in Brody School of Medicine
136. [DIAS-TOSTA 2004](#)
Neurological morbidity in vaccine-associated paralytic poliomyelitis in Brazil from 1989 up to 1995
- Out of 4,081 cases of acute flaccid paralysis, 62 were from polio, 30 from the polio vaccine
 - **NOTE:** What about the other 4,049 people?
137. [Di PASQUALE 2015](#)
Vaccine adjuvants: from 1920 to 2015 and beyond
- A history of adjuvants, including aluminum and squalene but NOT mercury/thimerosal or peanut oil.
 - MMF, GBS, etc. are dismissed
 - **NOTE:** Authors work for and own stock in GSK (vaccine manufacturer)
138. [DOERR 2013](#)
Progress in VZV vaccination? Some concerns
- VZV (Varicella zoster virus) = chickenpox
 - A better vaccine is needed to avoid an increase in shingles
139. [DONZELLI 2017](#)
Influenza vaccination in the first trimester of pregnancy & risk of autism spectrum disorder
- Reply to ZERBO 2017b
 - Says Zerbo used inappropriate stats but still got borderline significance for flu shot & autism
 - Vaccinating in the first trimester of pregnancy will lead to 4 additional cases of autism per 1,000 women

140. [DONZELLI 2018](#)
Influenza vaccinations for all pregnant women? Better evidence is needed
- While the flu shot should be offered to pregnant women, tell them of the uncertainties
141. [DONZELLI 2019](#)
Influenza vaccination in pregnancy: Careful assessment confirms safety concerns for the offspring
- Evidence does not support a flu vaccine in pregnancy
 - Offspring have **excess death & serious infections**
 - Several authors of the reviewed studies have financial ties to vaccine producers
 - Parents should be given this info to make an informed choice
142. [DONZELLI 2019a](#)
Influenza vaccination for all pregnant women? So far the less biased evidence does not favour it
- A Cochrane review shows local adverse effects and serious adverse effects with limited protection against flu
 - Other studies in Africa & Asia show **more offspring deaths in the vaxxed group**
 - The shot can be offered in trimester 2 or 3 (only), but with warnings & promotion of other protective behaviors
143. [DOREA 2011](#)
Speciation of methyl- and ethyl-mercury in hair of breastfed infants acutely exposed to thimerosal-containing vaccines
- Ethylmercury was measured in babies' hair as it changed over time
 - **NOTE:** Babies with the most problem don't excrete mercury into their hair
144. [DOREA 2012](#)
Neurodevelopment of Amazonian Infants: Antenatal and Postnatal Exposure to Methyl- and Ethylmercury
- Aluminum and ethylmercury from vaccines were estimated in Amazon babies in addition to other mercury exposure. These babies are exposed to a lot of mercury and vaccines increase it
 - They show increased neurotoxicity

145. [DOREA 2012](#)
Prenatal exposure to mercury & infant neurodevelopment in a multicenter cohort in Spain: study of potential modifiers
- Letter to Editor: Dorea wishes LLOP (2012) had included ethyl mercury exposure in vaccines, as a followup, which would not be much in cord blood
146. [DOREA 2017](#)
Low-dose thimerosal in pediatric vaccines: adverse effects in perspective
- There is a link between thimerosal & tics & neurological damage
 - Thimerosal should be removed from vaccines in the Third World too
 - See BJORKLUND 2017
147. [DOREA 2017a](#)
Abating mercury exposure in young children should include thimerosal-free vaccines
- Thimerosal free vaccines cause less contact dermatitis, tic disorders, & neurobehavioral disorders
 - We should stop using it in poor countries
148. [DOUNIGHI 2016](#)
Study on Toxicity Reduction and Potency Induction in Whole-cell Pertussis Vaccine by Developing a New Optimal Inactivation Condition Processed on *Bordetella pertussis*
- Whooping cough (pertussis). The author wants to decrease vaccine toxicity by lowering bacteria content and using chemicals - glutaraldehyde, formaldehyde, acetone, thimerosal at different temperatures.
 - Iran
149. [DRESKIN 2016](#)
International consensus (ICON): Allergic reactions to vaccines
- The true rate of allergic reactions is unknown because most reactions are not reported.”
 - Guidelines are given to help doctors identify allergic reactions

150. [DuVERNOY 2000](#)

Hypotonic-Hyporesponsive Episodes Reported to the Vaccine Adverse Event Reporting System (VAERS) 1996-1998

- 1 in 1750 pertussis shots reported as having a reaction
- **NOTE:** only 1% of all reactions are reported at all
- The authors were interested in documenting HHE (hypotonic-hyporesponsive episodes) or fainting (syncope) following vaccination, for the FDA & US Dept. of Energy
- Symptoms looked for: limpness, pallor or cyanosis (blue), duration 1 min to 48 hours
- **Excluded:**
 - If it happens after a seizure
 - If the child also had urticaria, wheezing, or anaphylaxis
 - If it happens when the child is asleep
 - If the skin color stayed normal
 - If the child was reported to develop autism, developmental delay or epilepsy – since these are “not known to be causally associated with immunization.”
 - **NOTE:** Since they decided that the vaccine **could not cause** certain symptoms, those symptoms, when reported, were simply thrown out.

151. [EARL 2006](#) (birth control)

Evaluation of two GnRH-1 based vaccine formulations on the testes function of entire Suffolk cross ram lambs

- Animal study. A medicine that reduces testosterone and follicle stimulating hormones in lambs was attached to the DTP vaccine to be used instead of castration
- It was also “shown to be successful in human anti-fertility vaccine trials.”

152. [EDELKIND-NOESGES 2020](#)

Vaccine adjuvants and selected neurotoxins in ADHD and autism

- Masters paper which focuses on some of the less-recognized risk factors for ADHD/autism, how they interact, and how they relate to sulfate metabolism

153. [EKSTRAND 2010](#)
Mercury toxicokinetics – dependency on strain and gender
- Animal study. In a mouse study, multiple genetic factors cause some to have higher retention of mercury
 - “The genetically heterogeneous human population may therefore show a large variation in mercury toxicokinetics”
154. [ESFANDIARI 2018](#)
Immune response of dry Holstein vaccinated by killed avian influenza H5N1 vaccine (Poster)
- Colostrum is a good passive immunity source
 - Here they immunize the dry cow with the antigen of interest, so she will make the antibody when she has colostrum
155. [EWAN 1986](#)
Desensitising vaccines: an allergist's view
- Dangerous and not necessary
156. [EWING 2009](#)
What is regressive autism & why does it occur? Is it the consequence of multi-systemic dysfunction affecting the elimination of heavy metals and the ability to regulate neural temperature?
- The author concludes that sensory dysfunction and systemic failure, manifested as autism, is the inevitable consequence arising from subtle DNA alteration and consequently from the overuse of vaccines.
 - He also shows a connection with several other diseases, including Arthritis, Chronic Fatigue Syndrome, Diabetes, Crohn's, Pancreatitis, GBS, MS, Seizures, and Cerebral Palsy.
157. [EXLEY 2009a](#) (Gherardi)
A role for the body burden of aluminium in vaccine-associated macrophagic myofasciitis and chronic fatigue syndrome
- Case report of chronic fatigue syndrome & MMF related to repeated use of aluminum adjuvanted vaccines.

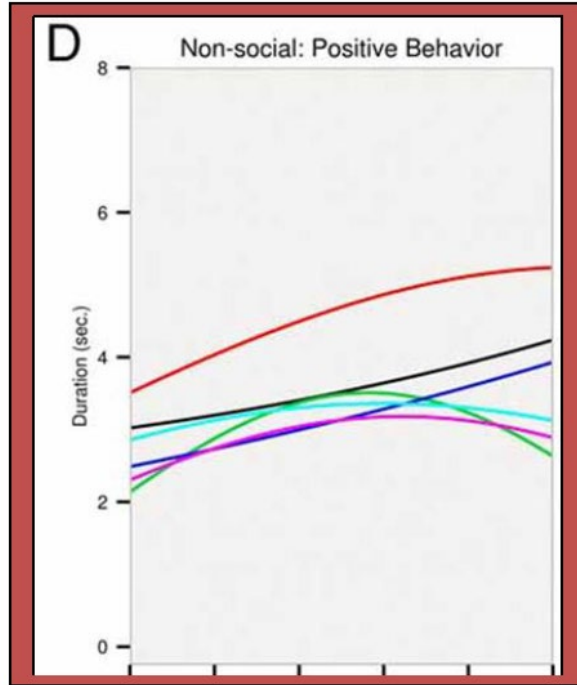
158. [EXLEY 2010](#)
Aluminum toxicokinetics
- This is a description of how aluminum is metabolized from food & the environment.
 - As of 2010, they still did not really know how it is absorbed from the gut.
159. [FAUCI 2020](#)
Covid-19 – Navigating the uncharted
- Description of ongoing research. He says the delay in hospitalization need provides a window for intervention
 - Nevertheless, only supportive therapy is offered now
 - **NOTE:** This was LATER understood to mean that this “window” before hospitalization was to be totally wasted, with no treatment available.
160. [FEIBELKORN 2015](#)
Measles virus neutralizing antibody response, cell-mediated immunity, and immunoglobulin G antibody avidity before and after receipt of a third dose of MMR vaccine in young adults
- Giving 662 people a 3rd dose of MMR (no control group)
 - Minimal response over the next year.
 - Conclusion: Routinely giving a 3rd dose of MMR is not needed.
161. [FERNANDEZ-PRADA 2018](#)
Adverse reactions associated with meningococcal group B vaccine (4CMenB) in adults in special situations
- Older adults in Spain, most without spleens, were compared for 7 days with those getting a different vax, called Boxsero PS. Most reactions for that one were listed as “unknown” so what kind of comparison is this?
 - No placebo group
 - Results: fever (12.5%), headache (20.8%), pain (75% on first dose & more on second)
 - **NOTE:** -- in Table 1, pain is recorded as more on first dose (doesn't match text)
 - More than 97% had symptoms for all the days until monitoring ended. Other symptoms included appetite loss, rash/itching, somnolence, irritability, nausea, vomiting, malaise
 - How long symptoms lasted is unknown

162. [FINSTERER 2018](#)
Vaccination triggering onset of m 8993T > G associated Leigh syndrome
- Letter to Editor re UITTENBOGAARD 2008, re baby with Leigh Syndrome who had adverse reactions to a vaccine but was vaccinated again
163. [FIKKER 2014](#)
High-dose Vitamin A With Vaccination After 6 Months of Age: A Randomized Trial
- Fisker gave children < 2 yrs 100,000 IU, 200,000 IU, or placebo with vaccines. No overall effect
 - However, Vitamin A with DTP followed by early MMR is bad for boys, causing increase in death. Denmark
164. [FORD 2018](#)
Reduced immunity to measles in adults with major depressive disorder
- Records of immunization were not available for the group, so they divided them into groups based on parents with or without mood disorders on the theory that maybe those parents would not have got them vaccinated.
 - Results were not significant, but that did not prevent their conclusion that people with depression may need extra vaccinations.
165. [GABLE 2014](#)
Distal acquired demyelinating symmetric neuropathy after vaccination (DADS)
- Case reports describing numbness, weakness, difficulty walking after vaccinations with a variety of vaccines.
 - **NOTE:** The HBV vaccine is elsewhere called the Hep B or Hepatitis B vaccine

166. [GADAD 2015](#)

Administration of thimerosal-containing vaccines to infant rhesus macaques does not result in autism-like behavior or neuropathology

- Animal study. Six small groups of monkeys were compared. The authors see no significant difference
- **NOTE:** See the graph below (Figure 1D). The red line is above the other lines. The red line represents the group getting the vaccines. In ALL the Figure 1 graphs, the red line is visually different from the others, but for some reason this is ignored by the authors.
- See commentaries:
 - [OFFIT 2015](#)
 - [BERNARD 2015](#)
 - [HANDLEY 2017](#)



167. [GALLAGHER 2008](#)

Hepatitis B triple series vaccine and developmental disability in US children aged 1-9 years

- Hep B shots contained mercury/thimerosal
- Boys who got the Hep B with thimerosal were NINE times more likely to have developmental delay and autism than the Unvaccinated boys
- **NOTE:** Does “unvaccinated” mean not getting Hep B or not getting ANY vaccines?

168. [GALLAGHER 2010](#)

Hepatitis B vaccination of male neonates and autism diagnosis, NHIS 1997-2002

- Boys vaccinated at birth had 300% greater odds of autism compared to boys never vaccinated or vaccinated after the first month of life
- Non-white boys had even more risk

169. [GAO 2019](#)
Effect of polysorbate 80 on the intranasal absorption and brain distribution of tetramethylpyrazine phosphate in rats
- Animal study. Polysorbate 80 is a common ingredient in vaccines. Here it is demonstrated to increase delivery of other drugs or chemicals to the brain
170. [GEIER 2003](#)
Influenza vaccination and Guillain Barre syndrome
- The median onset of paralysis = 12 days after the flu shot
 - Results varied by brand
171. [GEIER 2003a](#)
An assessment of the impact of Thimerosal on childhood neurodevelopmental disorders
- The increased odds ratios of developmental disorders with an increase in mercury from vaccines does not appear coincidental
 - Neurodevelopmental disorders considered included mental retardation, speech disorders, thinking disorders, personality disorder
172. [GEIER 2003b](#)
Neurodevelopmental disorders after thimerosal-containing vaccines: A brief communication
- Children getting DTaP with mercury had more developmental problems than those getting the shot without it. Other reactions such as death were not more associated with mercury.
173. [GEIER 2004](#)
Neurodevelopmental disorders following thimerosal-containing childhood immunizations: A follow-up analysis
- Children getting DTaP with mercury had more developmental problems than those getting it without mercury
 - Neurodevelopmental disorders considered included mental retardation, speech delay, speech disorders, thinking disorders, personality disorder, thinking abnormalities.

174. [GEIER 2004a](#)
A comparative evaluation of the effects of MMR immunization and mercury doses from Thimerosal-containing childhood vaccines on the population prevalence of autism
- Epidemiological evidence shows a direct relationship
 - Thimerosal should be removed from all vaccines, and additional research done to produce an MMR vaccine with better safety, too
175. [GEIER 2005](#)
A two-phased population epidemiological study of the safety of thimerosal-containing vaccines: a follow-up analysis
- Ethylmercury. VAERS, DTaP, levels exceeded Federal Safety Guidelines and EPA permissible hair mercury limit total 237.5 ug mercury or 275 if flu shots too
 - Vaccines with Thimerosal show more reports of neurodevelopmental delays & neurological problems
 - **NOTE:** Today more children's vaccines are available without mercury, but those with mercury are still used in Third World countries
176. [GEIER 2005a](#)
The potential importance of steroids in the treatment of autistic spectrum disorders and other disorders involving mercury toxicity
- Testosterone makes mercury toxicity worse
 - Estrogen protects against it
 - The level of testosterone correlates with autism severity
 - Other conditions considered include asthma, heart disease, obesity, Alzheimer's and ALS
 - Some treatments lower testosterone. This may point to therapies that target hormone pathways
177. [GEIER 2006](#)
A meta-analysis epidemiological assessment of neurodevelopmental disorders following vaccines administered from 1994 through 2000 in the US
- Data found through VAERS indicate that specific adverse effects were attributable to Thimerosal, and more research should be done.

178. [GEIER 2006a](#)
Influenza vaccine: Review of effectiveness of the US immunization program and policy considerations
- Based on hospital records, the vaccine is not effective. See Table 1 for raw data of the study
179. [GEIER 2006b](#)
An evaluation of the effects of thimerosal on neurodevelopmental disorders reported following DTP and Hib vaccines in comparison to DTPH vaccine in the US.
- Getting the DTP + Hib instead of the combined DTPH vaccine, kids got 100 mcg more mercury
 - Their odds of a VAERS report for autism, speech disorders, retardation, spasms and thinking abnormalities was much higher
180. [GEIER 2007](#)
A case series of children with apparent mercury toxic encephalopathies manifesting with clinical symptoms of regressive autistic disorders
- Mercury intoxication should be considered as contributing to some regressive ASDs
181. [GEIER 2007a](#)
A prospective study of thimerosal-containing Rho(D)-immune globulin administration as a risk factor for autistic disorders
- Children with ASD are more likely than controls to have Rh-negative mothers
 - Each of these mothers received Rho(D) with mercury during pregnancy
182. [GEIER 2008](#)
Neurodevelopmental disorders, maternal Rh-negativity, and Rho(D) immune globulins: A multi-center assessment.
- This study associates Rho(D) with mercury and some neurodevelopmental disorders. After they took mercury out, these developmental delays were no longer related to receiving the Rho(D)
 - **NOTE:** Geier has been an expert witness in vaccine damage cases
183. [GEIER 2008a](#)
A comprehensive review of mercury provoked autism
- There is a combination of genetic susceptibility (a reduced ability to excrete mercury) and exposure to mercury

184. [GEIER 2008b](#)
RotaTeq vaccine adverse events and policy considerations
- Most reports of intussusception & Kawasaki disease adverse events were after having received the RotaTeq vaccine
185. [GEIER 2009](#)
Mitochondrial dysfunction, impaired oxidative-reduction activity, degeneration, and death in human neuronal and fetal cells induced by low-level exposure to thimerosal and other metal compounds
- The mercury in thimerosal is more toxic than other metal compounds examined (in vitro), causing mitochondrial damage, cell degeneration, and cell death at low doses.
186. [GEIER 2010](#)
Thimerosal exposure & increasing trends of premature puberty in the vaccine safety datalink
- More premature puberty occurred in those who received 100 mcg more mercury exposure from vaccines from birth to 7 months and birth to 13 months
187. [GEIER 2010b](#)
The relative toxicity of compounds used as preservatives in vaccines and biologics
- None of the compounds commonly used are ideal or safe. Future vaccines should be single-dose without preservatives
188. [GEIER 2012](#)
The temporal relationship between RotaTeq immunization and intussusception adverse events in the Vaccine Adverse Event Reporting System (VAERS)
- The risk of intussusception for this vaccine is similar to RotaShield (the one they removed because of the risk)
 - Intussusception (in-tuh-suh-SEP-shun) is a serious condition in which part of the intestine slides into an adjacent part of the intestine. This “telescoping” often blocks food or fluid from passing through.

189. [GEIER 2012a](#)
Hair toxic metal concentrations and autism spectrum disorder severity in young children
- Mercury levels in hair were associated with autism severity
 - Although he mentions that children with autism have difficulty excreting mercury, here he compares kids who all have autism
190. [GEIER 2013](#)
A two-phase study evaluating the relationship between Thimerosal-containing vaccine administration and the risk for an autism spectrum disorder diagnosis in the United States
- Those children who got vaccines with mercury were more likely to get a diagnosis of autism
 - Ethyl mercury, Merthiolate
191. [GEIER 2014](#)
Thimerosal-Containing Hepatitis B Vaccination and the Risk for Diagnosed Specific Delays in Development in the United States: A Case-Control Study in the Vaccine Safety Datalink
- There is an association between increasing mercury from vaccines and a risk of specific delays in development in both males and females.
 - VSD = Vaccine Safety Datalink, used by Geier and others
 - VSD is a collaborative project between CDC's Immunization Safety Office and 8 healthcare organizations (HMOs etc)
 - The VSD began in 1990 and is used to monitor safety of vaccines and conduct studies about rare and serious adverse events following immunization
192. [GEIER 2014](#)
A Dose-Response Relationship between Organic Mercury Exposure from Thimerosal-Containing Vaccines and Neurodevelopmental Disorders
Hg exposure increases risk of neurodevelopmental disorders
- Mercury in Hep B is associated with increased risk of a neurodevelopmental diagnosis
 - Developmental delays, seizures, tics

193. [GEIER 2015](#)
Thimerosal: Clinical, epidemiologic and biochemical studies
- Thimerosal in humans is a poison at minute levels “with a plethora of deleterious consequences, even at the levels currently administered in vaccines.”
 - It affects methylation. Methylation is important for the ability of growth factors to encourage normal development, and since neurodevelopmental toxins interrupt growth factor signaling, they “may exert adverse effects on methylation.”
 - **NOTE:** Children with MTHFR mutation have trouble with methylation already without “help” from vaccines
 - Mercury, vaccines, “poison at minute levels”
194. [GEIER 2015a](#)
A longitudinal cohort study of the relationship between thimerosal-containing Hep B vaccination and specific delays in development in the US: Assessment of attributable risk and lifetime care costs.
- Those receiving Hep B with mercury were more likely to have PDD than those receiving Hep B without it. Lifetime costs exceed \$1 Trillion
195. [GEIER 2015b](#)
Thimerosal exposure and increased risk for diagnosed tic disorder in the US: A case control study
- Increased mercury exposure is associated with a later tic disorder diagnosis
196. [GEIER 2015c](#)
A case-control study of quadrivalent human papillomavirus vaccine-associated autoimmune adverse events (VAERS)
- Girls with symptoms of arthritis, lupus, vasculitis, or alopecia (hair loss) were more likely to have received the HPV4 vaccine
197. [GEIER 2015e](#)
A case-control study evaluating the relationship between thimerosal containing Haemophilus influenzae type B vaccine administration and the risk for a pervasive developmental disorder diagnosis in the United States
- Children with autism/PDD were at a significantly greater risk of having received a Hib vaccine with mercury in their first 15 months

198. [GEIER 2016](#)
Thimerosal-Preserved Hepatitis B Vaccine and Hyperkinetic Syndrome of Childhood
- Mercury exposure from Hep B vaccine in the first month of life increases risk of ADHD later
199. [GEIER 2016b](#)
A two-phase case-control study of autism risk among children born from the late 1990s through the early 2000s in the United States
- “The risk of autism ... significantly decreased with reductions in Hg exposure ... Thimerosal should be removed from all vaccines.”
200. [GEIER 2016c](#)
Thimerosal-containing Hepatitis B Vaccine Exposure is Highly Associated with Childhood Obesity: A Case-control Study Using the Vaccine Safety Datalink
- Mercury has a dose-dependent association with obesity
 - **NOTE:** Today Hep B has no mercury, but it is still in other vaccines. Thimerosal itself is an obesogen. Some vaccines also have MSG – another obesogen. Obesogen = something that makes you fat
201. [GEIER 2017](#)
Increased risk for an atypical autism diagnosis following thimerosal containing vaccine exposure in the United States: A prospective longitudinal case-control study in the Vaccine Safety Datalink
- Children with autism were more likely to have received mercury-containing vaccines in their first 6 months
202. [GEIER 2017a](#)
Abnormal brain connectivity spectrum disorders following thimerosal admin: A prospective longitudinal case- control assessment of medical records in the Vaccine Safety Datalink
- Mercury exposure from thimerosal was significantly associated with autism, tics, and ADHD

203. [GEIER 2017c](#)
Thimerosal exposure and disturbance of emotions specific to childhood and adolescence: A case-control study in the Vaccine Safety Datalink (VSD) database
- There is a significant relationship between mercury exposure from thimerosal in vaccines and an emotional disturbance diagnosis
204. [GEIER 2017d](#)
Quadrivalent human papillomavirus (HPV) vaccine and autoimmune adverse events: A case-control assessment of the vaccine adverse event reporting system (VAERS) database
- Assessment of VAERS reports related to the HPV vaccine Gardasil
 - Reports include arthritis, autoimmunity, lupus, and GI problems
205. [GEIER 2018](#)
Premature puberty and thimerosal-containing Hepatitis B vaccination: A case-control study in the Vaccine Safety Datalink (VSD)
- There is a dose-dependent association between increasing mercury exposure in the first 6 months of life and risk of premature puberty
 - **NOTE:** See Table IV in the study
206. [GEIER 2018a](#)
The risk of neurodevelopmental disorders following thimerosal-containing Hib vaccine in comparison to thimerosal-free Hib vaccine administered from 1995 to 1999 in the US
- Evidence of an association was found between neurodevelopmental problems and thimerosal-containing Hib vaccines
207. [GEIER 2018b](#)
A cross-sectional study of the association between infant Hepatitis B vaccine exposure in boys and the risk of adverse effects as measured by receipt of special education services
- More special education was needed in 1990-2005 (Hep B with mercury) and less in 2004-2012 (Hep B without mercury)
 - The cost of excess special ed = \$180 billion
 - Geier says that mercury should be removed from all vaccines

208. [GEIER 2018c](#)
A cross-sectional study of the relationship between infant thimerosal-containing Hepatitis B vaccine exposure and attention-deficit/hyperactivity disorder
- Three doses of Hep B vaccine with thimerosal significantly increased the risk of an ADHD diagnosis
209. [GERBER 2009 \(Offit\)](#)
Vaccines and Autism: A Tale of Shifting Hypotheses
- He debunks 3 proposed ideas of how vaccines cause autism
 - He claims the increase in autism diagnosis is a result of “broadened diagnostic criteria and increased awareness.”
 - Offit is **on the MERCK advisory board**, and explains why MMR, thimerosal, & multiple shots don't cause autism
 - MMR:
 1. He says it's all Wakefield's fault
 - THIMEROSAL:
 1. He says it's been in use more than 50 years.
 2. He says it was removed in 1999.
 3. **NOTE:** It was removed in 2001
 4. **NOTE:** He apparently forgot that old stocks remained in use, which is why a comparison could be made in studies.
 - TOO MANY VACCINES:
 1. He says that too many vaccines can't overwhelm the immune system ... because vaccines do not overwhelm the immune system (no proof offered).
210. [GHERARDI 1998](#)
Macrophagic myofasciitis: An emerging entity
- Authors analyzed 18 cases of a new disease (MMF)
 - Symptoms included muscle pain (myalgia), joint pain (arthralgia), weakness, and fatigue (asthenia). Some had fever
 - Several abnormal lab findings were found

211. [GHERARDI 2001](#)
Macrophagic myofasciitis lesions assess long-term persistence of vaccine-derived aluminium hydroxide in muscle
- MMF is an ongoing local immune reaction to vaccines with aluminum hydroxide
 - MMF symptoms include diffuse arthromyalgias (pain) and fatigue, with muscle infiltration by macrophages and lymphocytes. It is now known to be caused by aluminum adjuvant in vaccines
 - Vaccine damage; France
212. [GHERARDI 2016](#)
Aluminum adjuvants of vaccines injected into the muscle: Normal fate, pathology and associated disease
- This adjuvant shows short-term safety but long-term dangers
 - It accumulates in organs and brain (Trojan horse phenomenon)
213. [GHERARDI 2018](#)
Response to HAWKES 2017
- Letter to the Editor: answers point by point
214. [GHERARDI 2019](#)
Myalgia and chronic fatigue syndrome following immunization: MMF and animal studies support linkage to aluminum adjuvant persistency and diffusion in the immune system
- Author describes animal studies
 - Comparing different aluminum exposures is misleading
 - Injected aluminum is transported to organs and brain where it stays for low dose long-term neurotoxicity
 - It explains ASIA
215. [GHERARDI 2012](#)
Macrophagic myofasciitis characterization and pathophysiology
- Symptoms of MMF are like ASIA + brain problem. The aluminum goes from the muscle to lymph, then to spleen and slowly to the brain

216. [**GHIM 2002**](#)
Cervical Cancer: Etiology, Pathogenesis, Treatment, and Future Vaccines
- Cheaper vaccine needed because cancer screening is not available in India
217. [**GIANNOTTA 2018**](#)
Vaccines and neuroinflammation
- Injected aluminum travels to the organs, including brain. It accumulates. Like mercury, it activates microglia causing chronic brain inflammation and neurotoxicity
218. [**GLANZ 2013**](#)
Association between under vaccination with DTaP vaccine and risk of pertussis infection in children 3 to 36 months of age
- Glanz says under vaccination increases the risk of pertussis. Of 72 cases, 34 were under-vaccinated
 - **NOTE:** But 38 – more than half – were fully vaccinated!!
 - **Conflict of interest:** The authors were connected to insurance companies. CDC designed the study and approved the manuscript
219. [**GLANZ 2016**](#)
White paper on studying the safety of the childhood immunization schedule in the Vaccine Safety Datalink
- VSD is an important resource for research on safety of the vaccine schedule
 - It is funded by the CDC
220. [**GOLDMAN 2006**](#)
The Case against Universal Varicella Vaccination
- Possible bad outcomes of the chickenpox vaccine are discussed
 - The chickenpox vaccine increased shingles 90%, and the shingles vaccine decreased it only 50%

221. [GOLDMAN 2012](#)
Relative trends in hospitalizations and mortality among infants by the number of vaccine doses and age, based on the Vaccine Adverse Event Reporting System (VAERS) 1990-2010
- Hospitalization rates increased linearly graphed against the number of vaccines given
 - Younger babies were more likely to be hospitalized or die after vaccination
222. [GOLDMAN 2013](#)
Review of the US universal varicella vaccination program: Herpes zoster incidence rates, cost-effectiveness, and vaccine efficacy based primarily on the Antelope Valley Varicella Active Surveillance Project Data.
- Varicella vaccine is not proven cost-effective
 - Increased shingles offsets the cost savings from reducing chickenpox, and the vaccine failed to give long term protection from chickenpox anyhow
223. [GOLOS 2015](#)
Thiomersal-containing vaccines - a review of the current state of knowledge
- Golos says there are no contraindications to the use of vaccines with thimerosal in babies, children and non-pregnant women
 - They point out that while mercury use in vaccines is declining, autism is rising
 - They also point out that it is more important to avoid the risk of contamination of opened multi-dose bottles of vaccines than to worry about the “unproven negative effects of thiomersal (sic)”
 - **NOTE:** No conflicts of interest or funding are mentioned, but authors work for the Department of Sera and Vaccines Evaluation in the National Institute of Hygiene in Warsaw
224. [GOOD 2009](#)
Did acetaminophen provoke the autism epidemic?
- It is unethical to do a study giving Tylenol to kids who may be vulnerable (which is what we are routinely doing now) , so Good suggests **waiting until parents stop giving it** and see if the autism level drops
 - **NOTE:** This may be ethical but strikes me as stupid
 - **NOTE:** As of my last checking, **doctors are still recommending parents give Tylenol to their babies after vaccination.** That is why I have included this study in the Vaccine group of studies

225. [GORCZYCA 2014](#)
Sensorimotor polyneuropathy after hexavalent vaccination
- Case report of a child receiving the above vaccines together and suffering from neuropathy and seizures
 - (DTaP, Hep B, Polio, Hib)
226. [GRANDE 2016](#)
Exercise prior to influenza vaccination for limiting influenza incidence and its related complications in adults (Protocol)
- This is not a study, but a suggested study
 - Reason: vaccine itself doesn't really work well
 - "evidence from Cochrane systematic reviews showing no impact on hospitalisation or complication rates" but they think exercise may improve response"
227. [GSK 2012](#)
Glaxo agrees to pay \$3 Billion in a fraud settlement
- GlaxoSmithKline, AKA Glaxo, failed to report safety data, made false claims, and bribed doctors to prescribe several drugs
 - **NOTE:** They make vaccines too, but **we are not allowed to question those** because they have full immunity to prosecution
228. [GUEVARA 2019](#)
Maternal transfer of anti- HPV 6 and 11 antibodies upon immunization with the 9-valent HPV vaccine
- 21 women given HPV who also got pregnant were studied. From the cord blood it was seen that their babies were seropositive, so the HPV vaccine passes the placenta
229. [GUIMARAES 2015](#)
Vaccines, adjuvants and autoimmunity
- Vaccines are linked to autoimmunity, mostly transient and acute
 - Gulf War Syndrome and ASIA are discussed

230. [GUIS 2002](#)
HLA-DRB1*01 and macrophagic myofasciitis
- (vaccine damage)
 - Genetic polymorphisms were found
 - Some are related to rheumatoid arthritis. These are triggered by the aluminum in the vaccines
 - ASIA syndrome is discussed
231. [GUNDERSON 1986](#)
The Effect of Low-Level Prenatal Methylmercury Exposure on Visual Recognition Memory in Infant Crab-eating Macaques
- Visual recognition in Macaque monkey babies & human babies is similar
 - Monkeys exposed before birth to mercury could still see, but would not look at anything new
232. [GUPTA 2013](#)
Production of tag-free recombinant fusion protein encompassing promiscuous T cell epitope of tetanus toxoid and dog zona pellucida glycoprotein-3 for contraceptive vaccine development.
- Animal study. Author describes the development of a contraceptive vaccine using tetanus toxoid to manage street dog populations
 - **NOTE:** Since they would have to catch the dog to give it the vaccine, why is this even needed? Maybe it's cheaper than spaying/neutering? Do dogs need tetanus shots?
233. [HAAG 2019](#)
Aluminum granuloma in a child secondary to DTaP-IPV vaccination: A case report
- Granuloma were at the injection site. They were cut out 14 months later, and she got better
234. [HALEY 2005](#)
Mercury toxicity: Genetic susceptibility and synergistic effects
- Sources of mercury exposure for potential mothers
 - Autistic people are low in glutathione which is needed to process mercury

235. [HALL 2005](#)

Will nicotine genetics and a nicotine vaccine prevent cigarette smoking and smoking-related diseases?

- A “nicotine vaccine” would be intended to produce antibodies that bind to nicotine and prevent it from crossing the blood-brain barrier to act on receptors in the brain
- It seems to work in animal studies. The idea appears to be to vaccinate children who do not smoke against the effects of nicotine. The author, however, believes that these “superficially attractive” policies are of “doubtful efficacy, cost effectiveness and ethicality.”

236. [HALL 2017](#)

Infant parenteral nutrition remains a significant source for aluminum toxicity

- Parenteral nutrition (tube feeding) has 3 times the maximum amount of aluminum allowable
- This is one more way babies may be overloaded with aluminum
- Related problems: Liver disease, anemia, neurological defects
- **NOTE:** Babies with poor kidney function are even more at risk

237. [HALLER 2012](#)

"I've heard some things that scare me" - Responding with empathy to parents' fears of vaccinations

- Says Wakefield provided “scientific underpinning” to fears of vaccines -- [WAKEFIELD 1998](#)
- This is an article apparently intended to help doctors sweetly scare parents into vaccinating, but it includes some history

238. [HAMBIDGE 2014 \(DeStefano, CDC\)](#)

Timely Versus Delayed Early Childhood Vaccination and Seizures

- No association between seizures and vax delay
- Said seizures were more likely when the second vaccine was delayed, but also that many are given together so it's not possible to analyze each alone
- More measles if got first dose on time; twice the seizures if given MMRV, which includes chickenpox in the same shot
- NOT compared to shots given at different times or not given at all
- There was no placebo group
- This was funded by the CDC, and several authors work for MERCK and other vaccine companies

239. [HARTZELL 2014](#)

Whooping cough in 2014 and beyond: An update and review

- There was an increase in the disease. The acellular pertussis vaccine is safer but not very effective

240. [HARVEY 2019](#)

Fear and derision: A quantitative content analysis of provaccine and antivaccine internet memes

- Provax memes used sarcasm
- Antivax memes used emotion, fear, and "inaccurate claims."
- The author blamed Wakefield and gave false information about the Lancet paper which you can read at [WAKEFIELD 1998](#)

241. [HAWKES 2016](#)

Debate on whether Tamiflu prevents flu deaths reignites after new analysis

- The Cochrane group analyzed 30 studies.
- 83% of patients who died received Tamiflu.
- 82% of patients who lived received Tamiflu
- The other group disagrees.

242. [HAWKES 2017](#)

Questions about methodological and ethical quality of a vaccine adjuvant critical paper.

- Letter to Editor: Criticism of CREPEAUX 2017, claiming conflict of interest and ethical issues.
- They say the mice got too much aluminum, and results were reported with bias.
- See GHERARDI 2018 for reply

243. [HEATON 2005 \(Offit\)](#)

Development of a Pentavalent Rotavirus Vaccine against Prevalent Serotypes of Rotavirus Gastroenteritis

- Human bovine reassortant rotavirus vaccine, well tolerated
- Almost 60% of infants got diarrhea from vaccine; 57.5% got diarrhea from placebo - but it is supposed to PREVENT diarrhea, no? Placebo = same chemicals without the virus. **Conflicts of interest:** 3 authors work for Merck & 2 hold the vaccine patent.
- Only 68.8% to 76.6% efficacy against G1, G2, G3, G4, P1

244. [HEIKKINEN 2012](#)

Safety of MF59-adjuvanted A/H1N1 influenza vaccine in pregnancy: A comparative cohort study

- No risk was observed in 2,295 vaccinated vs. 2,213 unvaccinated pregnant women
- Protection against premature birth was reported
- Miscarriages would have been missed
- **NOTE:**
 - 1. All the women were already vaccinated before entering the study. Thus any with vaccine-related problems would not be there
 - 2. Half of them did not enroll until after delivery; Thus, any who miscarried would not have been enrolled in this study
- The babies were only followed for 3 months, so there was no information on their development or milestones or health
- **Conflict of interest:** Authors consult and/or work for Novartis

245. [HEMILA 2013 \(Cochrane\)](#)

Vitamin C for preventing and treating tetanus (review)

- Review of the JAHAN 1984 study of vitamin C given by IV in addition to other treatment
- Children under 12: 100% less fatality
- For older patients, fatality was “only” reduced 45%
- **NOTE:** Maybe adults need a higher dose of vitamin C? The study was not considered “strong enough” to recommend using vitamin C
- **NOTE:** The study was characterized as “very small” at 117 participants.
100% recovery is still 100% and very different from the usual recovery rate
- **NOTE** Eight (8) mice was considered big enough for the bivalent Covid vaccine in 2021
- **NOTE:** While this was not a study on vaccines, it is in here to let you know that even for tetanus, there are other choices

246. [HENDERSON 1998](#)

Bioterrorism as a public health threat

- smallpox, anthrax
- The paper discusses plans of dealing with bioterrorism

247. [HERON 2004](#)

Thimerosal Exposure in Infants and Developmental Disorders: A Prospective Cohort Study in the United Kingdom Does Not Support a Causal Association

- Autism, vaccines, thimerosal, mercury
- Heron, Golding, ALSPAC team
- **Beginning:** “There is an established link between exposure to mercury and impaired childhood cognitive development and early motor skills.”
- **Conclusion:** We could find no convincing evidence that early exposure to thimerosal had any deleterious effect on neurologic or psychological outcome”
- **Conflict of Interest:** Funded by the Wellcome Trust (pharm)

248. [HERRING, editor](#)
Book: Anatomy of a Pandemic: The 1918 Influenza in Hamilton
○ 240 page book on the 1918 flu
249. [HEWITSON 2010](#)
Influence of pediatric vaccines on amygdala growth and opioid ligand binding in rhesus macaque infants: A pilot study
○ Animal study. Macaques, monkeys, animals. brain volume, amygdala. UK
○ Monkey babies got the childhood vaccine schedule. Maturation in the amygdala were significantly changed compared with those getting saline
250. [HEWITSON 2010](#)
Delayed acquisition of neonatal reflexes in newborn primates receiving a thimerosal-containing hepatitis B vaccine: Influence of gestational age and birth weight
○ Primates given the Hep B with thimerosal had a delay in acquisition of some reflexes compared to non-exposed monkeys
○ Low gestational age and birth weight made it worse
251. [HIGGINS 2016](#)
Association of BCG, DTP, and measles containing vaccines with childhood mortality. Systemic review
○ BCG (not used in US) and measles may reduce mortality, but DTP is “associated with an increase in all cause mortality.”
○ The authors say all children should still get the shots, but randomized trials of different shot sequences should be done
○ Funded and advised by the WHO
252. [HOFMANN 2011](#)
Anti-NMDA receptor encephalitis after Tdap-IPV booster vaccination; cause or coincidence?
○ Case report of girl developing encephalitis after her tetanus/polio booster shot

253. [HOFSTETTER 2014](#)

Live Vaccine Use and Safety in DiGeorge Syndrome

- In this genetic condition, part of chromosome 22 is missing, causing cognitive and immune system problems. Live vaccines should not be used, but 194 children got them anyhow
- 14% of those who got the MMR shot, and 20% of those who got the varicella shot had adverse events
- The authors conclude that live vaccines are okay “if the CD4 is not too low.”
- **Conflict of Interest:** Authors work for Merck, GSK, Pfizer, Novartis, Sanofi Pasteur ... but they claim no conflict

254. [HOLLM-DELGADO 2015](#)

Vitamin A supplements, routine immunization, and the subsequent risk of Plasmodium infection among children under 5 years in sub-Saharan Africa

- Malaria. Vaccine did not have an effect, but vitamin A did
- Vitamin A appeared to protect the children from malaria. The BCG vaccine had a negative effect, and other vaccines did not have any effect.
- **Funding:** Gates & Wellcome Trust (pharma) but no conflict of interest was reported
- **NOTE:** I bet these authors didn't get funded again by these guys.

255. [HOLMES 2003](#)

Reduced levels of mercury in first baby haircuts of autistic children

- Besides an increase in mercury via vaccines, some children may not eliminate it well. The hair of children with autism had little mercury, so it is not being excreted.
- **Funding:** Autism Research Institute & Wallace Fdn

256. [HONDA 2005](#)

No effect of MMR withdrawal on the incidence of autism: A total population study

- MMR compared as a combination and separate vaccines
- They “excluded those diagnosed with childhood autism.” Well, no wonder they didn't have any rise in cases!!
- By the time the MMR was officially discontinued, it had already declined to zero for years, and no boosters were given. THEN the measles vaccine was introduced separately

- **NOTE:** The Japanese schedule for vaccines is very different from the US schedule. They begin at 3 months. They do not give the Hep B at birth. The Rotavirus is voluntary, mumps is voluntary, flu shots were not given at that time. The autism rate rose, but is still much lower than in the US.

257. [HOOKER 2014 \(Geier\)](#)

Review Article: Methodological Issues and Evidence of Malfeasance in Research Purporting to Show Thimerosal in Vaccines Is Safe

- 165 studies found mercury in vaccines harmful
- The CDC says it is safe – but their own study says otherwise
- All the authors are involved in vaccine litigation
- Hooker examines 6 CDC publications claiming safety
 - **Madsen (2003)** -- changed diagnosis from inpatient only to both in- and out-patient; so after removing Hg, 93% were treated as outpatients, and diagnosis appeared to increase. The diagnosis actually Decreased if comparing apples to apples
 - **Stehr-Green (2003)** - claimed Calif increase due to including PDD (not included); Sweden counted only inpatients; Denmark, as above, changed policies which indicated a 20-fold increase at the time that Hg was removed
 - **Hviid (2003)** -- says no increase in autism w/ Hg but included 1 yr olds - too young to be diagnosed by the end of the study, so may have been mis-classified as normal
 - **Andrews (2004)** -- used a database known to have significant errors; found a decrease in neurodevelopmental delay with Hg ... did not consider lag time and age of diagnosis; Statistically, had to be diagnosed before birth; used multiple independent variables; raw data was not released, so no single-variable analysis could be done. Also, the UK exposure to Hg less than half that of the US and began later
 - **Verstraeten (2003)** -- they state no relationship, but include no data. But internal abstracts say differently. Verstraeten himself complained: "We should use sound scientific argumentation and not let our standards be dictated by our desire to disprove an unpleasant theory." Nice sentiment ... BUT ... they tried again, using children age 1-3 (too young) and excluded 50% of autism cases.
 - **Price (2010)** -- design flaw = overmatching. Data from prenatal exposure was not reported.

258. [HOOKER 2014a](#)

Measles-mumps-rubella vaccination timing and autism among young African American boys: A reanalysis of CDC data

- Black children getting MMR before 36 months of age are more likely than whites to get autism
- If they receive the vaccine before 24 months, they are even more likely.
- Hooker is a whistleblower at the CDC, keeping a copy of data that the CDC wanted destroyed, so that the study they published did not show this result.
- This study was retracted by the publisher with a “claim of concern” for “undeclared competing interest “
- **NOTE:** This appears peculiar to me since the paper includes the information that Hooker was involved in vaccine litigation. His funding and sources of information are listed more completely than usually seen in other studies. It appears obvious (to me) that pressure must have been applied to the publisher by unknown parties.

259. [HOOKER 2014b](#)

Expression of concern: above reanalysis of CDC data

- The paper was retracted by the publisher with a “claim of concern” stating that the author has “undeclared competing interests.”
- **NOTE:** This appears peculiar (to me) since the paper includes the information that Hooker was involved in vaccine litigation. Funding and sources of information are listed more completely than usually seen in studies. It appears obvious (to me) that pressure must have been applied to the publisher

260. [HOOKER 2017](#)

Influenza vaccination in the first trimester of pregnancy and risk of autism spectrum disorder

- Letter to Editor: Re **ZERBO 2017b**
- Hooker says the Bonferroni adjustment was not appropriate
- Changing the first semester flu shot to “chance” should not have been done. Besides, that is the trimester most suspected to be problematic

261. [HOPTION CANN 2006](#)

Acute infections as a means of cancer prevention. Opposing effects to chronic infections?

- This is a discussion of the benefits of vaccine-preventable diseases
- Chronic disease is tumorigenic (makes tumors), but acute diseases prevent cancer
- **NOTE:** Vaccines appear to be substituting chronic diseases or autoimmune disorders for acute childhood disease. Perhaps it is time to rethink this?

262. [HORNIG 2008](#)

Lack of Association between Measles Virus Vaccine and Autism with Enteropathy: A Case-Control Study

- Claims to replicate Wakefield's MMR study;
- Results show no connection between MMR vaccine and GI disturbance or MMV and autism
- See **UHLMANN 2002, KRIGSMAN 2010**

263. [HSIAO 2012](#)

Modeling an autism risk factor in mice leads to permanent immune dysregulation

- Animal study. Prenatal infection exposure, immune system, mouse, mice
- Abnormal activation of the immune system is involved in autism
- Irradiation decreased repetitive behavior and anxiety behavior
- **NOTE:** Immune activated mothers as in vaccinated? Not specified.

264. [HUTCHEON 2016](#)

Detectable Risks in Studies of the Fetal Benefits of Maternal Influenza Vaccination

- Flu vaccine. pregnancy. "small magnitude of detectable effect size ... "
Canada
- The "large fetal benefits" from flu vaccine seen in epidemiology studies are
"not likely to be real."

265. [HUTCHEON 2016a](#) (Response to Phadke)
Hutcheon et al. Respond to “Maternal Influenza Immunization and Birth Outcomes”
- Response to **PHADKE 2016** criticism of **HUTCHEON 2016** above
266. [HUTTON 2016](#)
Does Rubella Cause Autism: A 2015 reappraisal?
- Yes, even in vaccinated women
 - 5% of pregnant women get Rubella, even if vaccinated. The vaccine wanes
267. [HVIID 2003](#)
Association Between Thimerosal-Containing Vaccine and Autism
- Hviid says there is no connection between mercury-containing vaccines and autism
 - See commentary @ RIMLAND 2003
 - **NOTE:** The authors work for Statens Serum Institut, a vaccine developer with connections to the Bill & Melinda Gates Fdn
268. [HVIID 2016](#)
Association between pandemic influenza A(H1N1) vaccination in pregnancy and early childhood morbidity in offspring
- Only live-born children were included, so any miscarriages were missed
 - No difference in hospitalizations until 5 years
 - Mean age was 4.6 years, so some were not followed to 5
 - Funded by WHO & Novo Nordisk Fdn (pharma, vaccines)
269. [HVIID 2019](#)
Measles, mumps, rubella vaccination and autism. A nationwide cohort study
- Denmark
 - No individual medical charts – or kids – were reviewed
 - **NOTE:** Over 95% got MMR so who are they comparing to anyhow?
 - Conflict of interest: ALL the authors work for the vaccine industry
 - Funded by Novo Nordisk Fdn & Danish Ministry of Health
 - Drs. Hviid & Hansen had grants from Novo Nordisk Fdn

- ALL of them work at Statens Serum Institute which develops vaccines.
https://en.wikipedia.org/wiki/Statens_Serum_Institut
- NOTES:
 - Shots in Denmark start later than in US & have no mercury
 - The first MMR dose was given at 15 months, #2 at 12 yrs (later at 4 yrs).
 - Only some got 2nd MMR before end of study
 - Many kids were too young for diagnosis by the end of the study
 - Hundreds of children with autism were excluded

270. [IKEDA 2019](#)

HPV vaccination in Japan. What is happening in Japan?

- The authors say that HPV safety and effectiveness is known worldwide but Japan refuses to reverse the 2013 decision to not recommend it
- The authors warn that without the HPV vaccine, their “only hope to prevent a wave of cervical cancer will be by raising the cervical cancer rate.”
- There was no discussion of possible reasons why cancer is becoming more prevalent in Japanese girls in their 20s when it was always a disease of old age
- The authors receive grants from Merck and GSK

271. [INSTITUTE OF MEDICINE \(IOM\) 2001](#)

Immunization Safety Review: Measles-Mumps-Rubella Vaccine and Autism

- The committee concluded that the evidence “favors rejection of the causal relationship at the population level between MMR vaccine and ASD, **the committee recommends that this issue receive continued attention.**”
- They agree that it is possible that MMR vaccine can contribute to ASD in a “small number of children.”
- They also say that the hypothesized relationship between MMR vaccine and ASD “does not meet these conditions (to recommend no further research) at this time.”
- They conclude that further research on the connection is warranted

272. [IP 2004](#)
Mercury exposure in children with autistic spectrum disorder: Case-control study
- Authors found no causal relationship between mercury and autism
 - See DeSOTO 2007
273. [IQBAL 2013](#)
Number of antigens in early childhood vaccines and neuropsychological outcomes at age 7-10 years
- Children were compared by number of antigens they received by 2 years old. Those who got more antigen did better
 - **NOTE:** There was no control group for comparison
 - **NOTE:** Encephalitis was specified as one of several “exclusionary conditions” – other conditions were not listed but 47 children were excluded. These could have been brain injuries they were excluding to get the result they wanted
 - **NOTE:** Antigens received after 2 years of age were not considered, but could have had an effect on their neurology at age 7 or 10
 - **NOTE:** Also, nobody has ever complained about antigens
 - 3 of the authors work for CDC
274. [JACKSON 2006](#)
Evidence of bias in estimates of influenza vaccine effectiveness in seniors
- No difference in risk of death or hospitalization related to flu shot.
275. [JAHAN 1984](#)
Effect of Ascorbic Acid in the Treatment of Tetanus
- In 117 tetanus patients, Vitamin C by IV was given at 1 g/day in addition to “usual treatment.”
 - 100% of those under 13 years given Vitamin C were cured
 - 74.2% of those who did not get Vit. C died. That is still the mortality today, apparently
 - **NOTE:** Seems Vit. C does better than anti-tetanus serum, sedatives, & antibiotics
 - Reviewed by HAMILA 2013
 - **NOTE:** This study is not about a vaccine, but it is about tetanus, which is usually considered untreatable and ONLY preventable by vaccination, so I felt it was appropriate to be included

276. [JAIWONG 2015](#)
Effects of inactivated influenza vaccine on respiratory illnesses and asthma-related events in children with mild persistent asthma in Asia
- Vaccine group had fewer asthma & respiratory problems during next year
277. [JENSEN 2015](#)
Heterologous and sex differential effects of administering vitamin A supplementation with vaccines
- Vitamin A supplementation in Indonesia enhanced the incidence of acute lower respiratory infections in normal children, but less so in stunted children.
 - The Vitamin A supplementation effect seems to depend on vaccination status and/or genetic background. It also seems to be sex-dependent, but better studies are needed
 - No conflicts of interest
278. [JOHRI 2016](#)
Adding interventions to mass measles vaccinations in India
- Measles vaccine alone saved 19,016 children; adding insecticide-treated bed nets and zinc supplement may save over 70,000 more.
 - **NOTE:** Looks like the bed nets, mosquito repellent, and zinc did a better job than the jab
279. [JORGENSEN 2020](#)
Benefits and harms of the human papillomavirus (HPV) vaccines: Comparison of trial data from clinical study reports with corresponding trial register entries and journal publications
- The authors compared meta analyses of the clinical study reports from the vaccine maker (GSK) with trial data from journal publications and trial register entries
 - In their Discussion section, they point out that the studies reviewed were “designed with a lack of placebo controls and incomplete reporting of harms.”
 - They noted that the published journal entries contained even fewer “assessed data points (from 3% to 44%) compared to the clinical study reports.”
 - They concluded that this may have skewed their comparison results towards an underestimation of harms caused by the vaccine.
 - They also complained that they did not obtain a single complete and unredacted clinical study report which made them less useful than hoped.

280. [KALOKERINOS 1974](#)
Every Second Child: The Book
- BOOK: Australian Aborigines, diet, vaccines, vitamins, health
281. [KALOKERINOS 1974](#)
Every Second Child: Formatted for phone
- BOOK: The history of vaccine mismanagement in treatment of Australian Aborigines, and Dr. K's fight to prevent vaccine-caused death in almost 50% of the children by simply supplementing them with vitamin C.
282. [KALOKERINOS 1974](#)
Poor black health, bad white attitudes
- Australian Aborigines, diet, vaccines, vitamins, health
283. [KALOKERINOS 2005](#)
Endotoxin and Vitamin C Part 1 – Sepsis, Endotoxin and Vitamin C
- Endotoxin, bacteria, pathogens
284. [KALOKERINOS 2008](#)
Shaken Baby Syndrome: An Abusive Diagnosis: the book
- Australia. Aborigines. Vitamin C, endotoxin, endotoxemia
 - A history of his fight to prevent vaccine-caused SIDS deaths in Aborigine children
285. [KANG 2017](#)
An increasing, potentially measles-susceptible population over time after vaccination in Korea
- The population in Korea is increasingly susceptible to measles because vaccine immunity is lower over time

286. [KASONTA 2014](#)

Colostrum from cows immunized with a vaccine associated with bovine neonatal pancytopenia contains allo-antibodies that cross-react with human MHC-1 molecules

- There is a new fatal disease of calves born to cows who were vaccinated with a diarrhea virus. This can also affect humans, so use colostrum only from cows that have NOT been vaccinated with this vaccine
- **NOTE:** should this not be a warning to be wary of what we vaccinate human mothers for?

287. [KERN 2006](#)

Evidence of toxicity, oxidative stress, and neuronal insult in autism.

- Purkinje cell loss, Purkinje cell physiology, toxicity, oxidative stress
- Heavy metals, Purkinje cell loss, and increased brain volume
- Various theories of causation are discussed

288. [KERN 2007](#)

Sulfhydryl-Reactive Metals in Autism

- Animal study. Mercury, lead, arsenic, cadmium. theory of "poor excreters"
- Glutathione levels are low
- Higher antibiotic use - in rats, antibiotic destroys ability to excrete mercury, and also increase uptake, so they make it worse.
- Children with autism can't excrete mercury so it isn't in their hair
- **Funded by the Autism Research Institute**

289. [KERN 2013 \(Geier\)](#)

Review: Thimerosal Exposure and the Role of Sulfation Chemistry and Thiol Availability in Autism

- Low thiol, low glutathione, and a compromised detox ability
- All authors were involved in litigation to get the FDA to remove thimerosal from vaccines

290. [KERN 2015](#)

Systematic assessment of research on autism spectrum disorder (ASD) and mercury reveals conflicts of interest and the need for transparency in autism research

- 86% of studies by industry say mercury does no harm.
- In studies without industry affiliation, only 19% found no relationship between mercury and autism
- Funded by Institute of Chronic Illness & CoMed
- Authors were in vaccine litigation with FDA
- **NOTE:** Retracted for “inadequate conflict of interest statement”

291. [KERN 2017](#)

Same as above KERN 2015 with revisions

- In studies with public health/industry affiliation, 86% report mercury is not related to autism
- In studies without such an affiliation, only 21% found no relationship between mercury and autism
- Funded by the Institute of Chronic Illness & CoMed
- Authors in vaccine litigation with FDA. Some have a personal & professional interest in autism

292. [KERN 2017a](#)

Developmental neurotoxicants and the vulnerable male brain: A systematic review of suspected neurotoxicants that disproportionately affect males

- Review. Male brains are more vulnerable to many toxins
- Role of glutathione, sulfate-based detoxification, testosterone effect, oxidative stress, estrogen protective effects

293. [KHALED 2016](#)

Altered urinary porphyrins and mercury exposure as biomarkers for autism severity in Egyptian children with autism spectrum disorder

- Children with autism had higher mercury, lead, and several porphyrins. Dental mercury is related

294. [KIM 2016](#)
Recurrence of Panic Attacks after Influenza Vaccination: Two Case Reports
- Panic disorder, symptoms aggravated by influenza vaccine. Korea
 - Dysregulation of T-lymphocytes caused the panic attack after the flu shot.
295. [KIRALY 2016](#)
Timing of routine infant vaccinations and risk of food allergy and eczema at one year of age
- The timing of vaccines may affect allergy development. Delayed DTaP is associated with less eczema and less eczema meds.
 - UK. Australia
296. [KLEIN 2012](#)
Immunogenicity and safety of a quadrivalent meningococcal conjugate vaccine administered concomitantly with measles, mumps, rubella, varicella vaccine in healthy toddlers.
- No control group or placebo group
 - Authors say the combination shots were well tolerated, no safety concerns , and “adequate immune response” in all groups
 - Authors are with Novartis & Kaiser. No conflicts or funding is listed
297. [KLEIN 2012a](#)
Measles-containing vaccines and febrile seizures in children age 4 to 6 years.
- No placebo group
 - Using the Vaccine Safety Datalink data, the authors decided the MMRV and MMR + V had the same risk of febrile seizures in 4-6 year olds
 - Funded by AHIP, CDC., Merck, GSK, Novartis, etc

298. [KLEIN 2015](#)

Safety of measles-containing vaccines in 1-year-old children

- No placebo group
- The authors compared the MMRV to the MMR + V vaccines
- There was an increased risk of seizure and fever, but “no new safety concerns.”
- Funded by CDC & Ins. Co. Authors got research support from Merck, GSK, Sanofi-Pasteur, Pfizer, Novartis, Medimmune, and Neron Biotech

299. [KLEIN 2019](#)

Immunogenicity and safety of a measles-mumps-rubella vaccine administered as a first dose to children aged 12 to 15 months. A Phase III randomized, noninferiority lot-to-lot consistency study

- This is an effort to add an MMR by GSK to the one by Merck in the USA
- 5003 healthy children got either the GSK MMR (MMR-RIT) or the Merck MMR (MMR II) as well as all other vaccines. There is no placebo control group
- Results: MMR-RIT was not inferior to MMR II. "No safety concerns were detected."
- Adverse events: to 3 days (pain, redness, swelling); to 14 days (drowsy, appetite loss, irritable); to 42 days (fever, rash, swollen glands, seizures, meningitis)
- They documented "unsolicited adverse events" needing ER visits for 42 days, and new-onset chronic disease to day 180
- Conflict of interest: The investigator himself assessed whether adverse events were related to the vaccines
- Funded by GSK

SOLICITED ADVERSE EVENTS	(new)GSK MMR RIT	(in use) MERCK MMR II	
Pain at injection site	25.9%	28.1%	
Redness	24.5%	25.2%	
Irritability / Fussiness	63.3%	65.9%	
Fevers (most on day 5-12)	19.7%	18.2%	
Fever considered related to vax	13.9%	13.9%	Numbers not assigned. Did my best
High fever	1.4%	1.4%	
Fevers (day 0-42)	34.7%	33.1%	
Measles/rubella like rash	6.6%	6.6%	
Febrile convulsions/meningitis	0.3%	0.2%	
Mumps			
UNSOLICITED ADVERSE EVENTS			
Grade 3 AE (emergency room)	6.6%	6.6%	These are not specified except as “similar in both groups” – it is not clear whether these percentages are actually reported or whether these are the numbers accepted as vaccine-related by the authors.
SAE (serious)	2.1%	2.1%	
NOCD (new chronic disease)	3.4 %	3.7%	
Atopic dermatitis	0.7%	0.5%	
Eczema	0.4%	0.8%	
Death	None	None	

300. [KOCHHAR 2019](#)
Immunization in pregnancy safety surveillance in low and middle-income countries – field performance and validation of novel case definitions
- Only 3 adverse events were considered: preterm birth, stillbirth, and hypertension
 - **NOTE:** I asked the author how results were compared. No Answer
 - **Funded:** GCRF Networks in Vaccine Research & Dev
301. [KOSLAP-PETRACO 2019](#)
Vaccine hesitancy: Not a new phenomenon, but a new threat
- The author blames Wakefield for vaccine hesitancy
 - Suggests nurses “really listen to the parent” and then share stories, to convince parents to vax
 - **CASE = C**orroborate, **A**bout-Me, **S**cience, **E**xplain/Advise
302. [KRIGSMAN 2010](#)
Clinical Presentation and Histologic Findings at Ileocolonoscopy in Children with Autistic Spectrum Disorder and Chronic Gastrointestinal Symptoms
- Children with autism have GI problems with chronic colon inflammation
 - Two authors were expert witnesses in a vaccine case
303. [LAER 2015](#)
Polymorphisms in genes of respiratory control and sudden infant death syndrome (SIDS)
- The authors looked for genetic causes of SIDS that would cause “failure of arousal” after a “stressful homeostatic event” but did not find much. They suggest more research
 - **NOTE:** I suppose they are going to great lengths to assume the safety of the only thing recently changed – which would be the vaccine schedule, not their genetics

304. [LAMB 2016](#)
No Evidence for Disease History as a Risk Factor for Narcolepsy after A(H1N1)pdm09 Vaccination
- 72 narcolepsy cases and 251 controls were studied
 - Those with a previous history of nervous system, or behavioral disorders had an increased risk
 - When analyzing only vaccinated individuals, those associations went away, leaving only a significant effect for antibiotics and a marginally significant effect for nervous system disorders. Looking a third time, comparing cases referred before vaccination to those referred after, there was no connection.
 - **NOTE:** If I understand this right, the authors conclude that this study does not support any disease history before vaccination as a risk factor for getting narcolepsy after vaccination
 - Several of the authors have received prior funding from GSK, Sanofi Pasteur, Merck, etc.
305. [LARCOMBE 2019](#)
Hyperimmune bovine colostrum reduces gastrointestinal carriage of uropathogenic Escherichia coli (E Coli)
- Animal study. Antibiotic doesn't prevent recurrent UTI, and germs get resistant. So vaccinating pregnant cows can produce specific anti-UTI colostrum. So far this was only studied in mice
 - Funded by Immuron (pharm. microbiome industry) and Australian Govt Research Training Program
 - **NOTE:** Other research shows bovine colostrum is protective against all sorts of pathogens, which makes me wonder why we are trying to force them to make antibodies to specific germs.
306. [LAZARUS 2010](#)
Electronic Support for Public Health–Vaccine Adverse Event Reporting System (ESP:VAERS)
- 2.6% of vaccination doses caused reactions. Average: 890 events, 1.3 per clinician per month
 - Less than 1% of events are reported.
 - CDC stopped answering when the scientists suggested a better reporting system, so the scientists could not continue
 - Harvard Pilgrim Health Care

307. [LEE 2019](#)
Post-marketing surveillance to assess the safety and tolerability of a combined DTaP and inactivated poliovirus vaccine (DTaP-IPV) in Korean children
- No placebo control
 - Safety monitoring. 45.2% had adverse events and 13% had drug (?) reaction. Most symptoms were “unlikely” to be related to the vaccine
 - 32.9% had “unexpected” adverse events; 2 of them “could not be excluded.”
 - The safety profile of this vaccine was considered acceptable
 - Conflict of interest: Funded by GSK. Several of the authors work for GSK and/or hold stock in it. Infanrix-IPV is owned by GSK
308. [LESLIE 2017](#)
Temporal association of certain neuropsychiatric disorders following vaccination of children and adolescents: A pilot case-control study
- ADHD, OCD, anxiety, anorexia, etc. begin after flu or other vaccination
 - The cause is not proven.
 - Funded by the authors.
309. [LEWIN 1995 \(Wakefield\)](#)
Persistent measles virus infection of the intestine: confirmation by immunogold electron microscopy
- Crohn's disease, measles. Gut
 - This is the first direct confirmation of persistent measles virus infection of the intestine
 - Funded by the National Assn. for Colitis & Crohn's Disease.
310. [LI 2014](#)
Immunogenicity and safety of currently available Japanese encephalitis vaccines: A systematic review
- Safe but needs better research.
 - China

311. [LI 2014](#)
Transcriptomic Analyses of Neurotoxic Effects in Mouse Brain After Intermittent Neonatal Administration of Thimerosal
- Animal study. Mice injected with (a very high dose) of mercury had neural developmental delay, social interaction deficits and depression.
 - Neonatal thimerosal induces dysregulation of neurodevelopment. autism in mice. China
 - Funded by several research groups in China
312. [LI 2017](#)
Subcutaneous injections of aluminum at vaccine adjuvant levels activate innate immune genes in mouse brain that are homologous with biomarkers of autism
- Animal study. Aluminum adjuvant triggered the immune system activation in the brains of male mice, similar to what is found in autism
 - Funded by the Dwoskin Family Fdn, Katlyn Fox Fdn, and L.A.S. Dean estate
313. [LI 2018](#)
The influence of vaccine on febrile seizure
- The authors say that vaccines don't cause seizures, but the MMR, DTP, flu, and HIB are "related to increased risk" of seizures
 - They recommend to choose vaccines "with lower risk" of causing seizures, and to give them during "low risk window" of the schedule. Whatever that means
 - Funded by Natural Science Fdn of China and the [Jilin Science & Technology Agency](#) (A Chinese defense lab considered very "high risk" on its website)
314. [LIEBER 2013](#)
Preventing Sin: The Ethics of Vaccines against Smoking
- Vaccine would block nicotine

315. [LIMA 2019](#)

Acquisition of specific antibodies and their influence on cell-mediated immune response in neonatal cord blood after maternal pertussis vaccination during pregnancy

- Control group (no vaccine). Had higher placental transfer ratios of IgG
- The vaccine group excluded those with any immunological problems
- Interesting that 60.6% of the vaccine group but only 6.9% of the control group had C-section deliveries
- The vaccinated group had lower IgA in their colostrum
- **NOTE:** Study includes a lot of data and can be confusing
- Funded by FAPEMAT,
- Brazil

316. [LIN 2018](#)

Aluminum salts as an adjuvant for pre-pandemic influenza vaccines; a meta-analysis

- Review: Using aluminum salts adjuvant decreases the protection but increases the pain and local reactions to the H5N1 shot
- Reporting bias is a problem in studies. CDC,
- Taiwan

317. [LINDLEY 2008](#)

The role of schools in strengthening delivery of the new adolescent vaccinations

- How to get schools to provide vaccines to students: "Provide added value to schools" -- in other words, give 'em money and they will do it
- Some authors are with Merck, GSK, Sanofi-Pasteur
- **NOTE:** If you object to schools being involved, talk to your school board now and see where they stand

318. [LITTLE 2014](#)

Adolescent premature ovarian insufficiency following human papilloma virus vaccination: A case series seen in general practice

- Several unrelated girls developed premature ovarian insufficiency after the HPV shot
- Ovary effects of HPV have never been studied
- Since this shot is given to young women, safety studies for the ovary are urgently needed
- This paper was **not funded**, and lists no conflicts of interest. Authors are at a hospital and university
- Australia

319. [LIU 2016](#)

Adverse events following HPV vaccination. Alberta 2006-2014

- 968 of 195,270 women were hospitalized and 19,351 (almost 10%) had an ER visit within 42 days of getting the HPV shot
- The authors consider this low, and are not concerned
- **NOTE:** This is 10.4% of girls with a side effect requiring a hospital ER visit. THIS IS LOW????
- **Funded by the Alberta Ministry of Health**

320. [LOEB 2010](#)

Effect of Influenza Vaccination of Children on Infection Rates in Hutterite Communities A Randomized Trial

- Hep A vaccine used as "control." In the colonies getting the "real" flu vax, less unvaxxed got the flu.
- Actually, the unvaxxed got less flu than the vaxxed in both groups.

321. [LOSONSKY 1999](#)

Hepatitis B vaccination of premature infants. A reassessment of current recommendations for delayed immunization

- Low birth weight babies should not get the Hep B vaccine at birth if the mother is negative
- They don't seroconvert well anyhow
- **Funded by Merck, Some authors are with the CDC**

322. [LOUBET 2019](#)
Influenza vaccination of pregnant women in Paris, France: Knowledge, attitudes and practices among midwives
- Only 10% of midwives prescribe vaccines
 - **NOTE:** That is, 10% of the 31% of midwives who actually filled out the questionnaire
 - The author recommends “education strategies” for midwives
323. [LUISTO 1992](#)
Tetanus caused by occupational accidents
- In almost 20 years, there were 106 cases of tetanus in Finland
 - Out of 28 patients, 43% were not vaccinated. 46% didn't know
 - The rest (3 people) were fully or partly vaccinated
 - None of these 28 died, but 15% of the others died
 - Funded by Medical Research Council of Academy of Finland
324. [LUKIW 2005](#)
Nanomolar aluminum induces pro-inflammatory and pro-apoptotic gene expression in human brain cells in primary culture
- Aluminum appears to cause atypical, pro-inflammatory and pro-apoptotic (death) gene expressions in brain cells
 - Funded by NIH and U of Toronto
325. [LUTZEN 2017](#)
Psychiatric conditions and general practitioner attendance prior to HPV vaccination and the risk of referral to a specialized hospital setting because of suspected adverse events following HPV vaccination: A register-based matched case-control study
- Previous doctor visits and/or use of psychiatric meds “explains” 13% of adverse events after the HPV vaccine
 - In other words, they are just nut cases and imagining their symptoms
 - **NOTE:** The author misses the possibility that these women may be more vulnerable than others to toxic exposures
 - Funded by Lundbeck Fdn and Novo Nordisk Fdn (vaccines)

326. [LYONS-WEILER 2018](#)
Reconsideration of the immunotherapeutic pediatric safe dose level of aluminum
- Dosing of aluminum is based on antibody production, not safety
 - Recalculating for body weight, authors find that infants are at risk of acute, repeated, and possibly chronic exposures to toxic levels of aluminum.
 - Funded by public donations. One author has been a consultant on a vaccine injury case
327. [MA 2015](#)
Risk of febrile seizure after measles-mumps-rubella-varicella vaccine: A systematic review and meta-analysis
- Twice as many seizures for the first dose of MMRV compared to the MMR in children under two years
 - Still less than 3%
 - No funding.
 - China
328. [MACARTNEY 2017](#)
Evaluation of combination MMRV vaccine introduction in Australia
- No placebo group
 - Compared the MMRV to the MMR. MMRV has increased risk of febrile seizures if used as the first shot.
 - So ... use it as the second shot
 - Funded by the Australian Govt Dep of Health
329. [MADSEN 2003](#)
Thimerosal and the Occurrence of Autism: Negative Ecological Evidence From Danish Population-Based Data
- **NOTE 1:** Madsen says Thimerosal was discontinued in 1992. Autism continued to increase; aluminum and other changes or increases in toxic vaccine ingredients are not addressed. It is not mentioned that while the thimerosal was removed from NEW vaccine batches, doctors were allowed to use up their OLD batches, which took years. Besides, thimerosal was not removed from flu vaccines or others besides DTP- not mentioned
 - **NOTE 2:** In-patient diagnosis of autism was reported beginning 1969 but out-patient treatment was included in 1995 (AFTER thimerosal was discontinued)

so it is not surprising that more cases of autism were reported - it is not usually a condition requiring inpatient treatment

- **NOTE 2:** It is remarked that the vaccines were changed gradually, and that the last shipment of mercury-laden vaccines was IN 1992 - therefore, even though on paper they no longer received such vaccines, in actuality they did
- **NOTE:** A search of Google reveals mercury was only discontinued in 2001, NOT 1992 or even 1999 as various studies assert, and then they were allowed to use up stockpiled vaccines. See what the [Illinois Dept. of Public Health says about it](#)

330. [MADSEN 2004](#)

MMR Vaccination and Autism: What is the evidence for a causal association?

- He starts with a mention of reports of children regressing and also developing GI problems after the MMR vaccine, but says a review of the literature “revealed no convincing scientific evidence” to support a causal relationship
- Madsen says there are no primate models, the biological plausibility remains questionable, and epidemiological evidence refutes the hypothesis
- Concludes there is no scientific evidence of a connection
- The authors claim “no conflicts of interest directly relevant to the content of this review.” They are funded by a grant from the Danish National Research Foundation

331. [MAGLIONE 2014](#)

Safety of Vaccines Used for Routine Immunization of US Children: A Systematic Review

- “some vaccines are associated with serious AEs ... weighed against the protective benefits ...”
- Of 20,478 studies found, 67 were reviewed. The authors saw strong evidence for seizures after the MMR vaccine, and “complications” after the varicella (chickenpox) vaccine in immunodeficient children
- They found “moderate evidence” of intussusception after rotavirus, but no strong evidence of autism after the MMR
- One limitation, they said, is that most studies did not investigate or identify the risk factors for adverse events
- Funded by the US Dept of Health

332. [MAMISHI 2016](#)

Aseptic meningitis after measles-mumps-rubella (MMR) vaccination

- The Russian mumps vaccine in the MMR vaccine used in several countries (not US) causes meningitis in 1/1000 children
- It is important to tell the public about the relative safety of the vaccine and the possible complications of mumps
- Funding not listed. Authors at Tehran U, Iran

333. [MARKOWITZ 2019](#)

Declines in HPV vaccine type prevalence in women screened for cervical cancer in the United States: Evidence of direct and herd effects of vaccination

- Vaccine type HPV declined but some non-vaccine high risk HPV increased in vaccinated girls
- Vaccine type HPV also declined in unvaxxed girls, so possibly there is herd immunity; or they may have been vaccinated outside the system
- **NOTE:** Or ... maybe the new "high risk" strains are affecting the unvaxxed girls too, as the vaccine can push the variants? Doesn't sound like "herd immunity to me, but what do I know?"
- Funded by CDC. One author was funded by Pfizer, Takeda, Medimmune & Merck "for other studies."

334. [MARQUEZ 1899](#)

A Cause for Unsuccessful Vaccinations

- An interesting history of why smallpox vaccinations were often not effective

335. [MASSON 2018](#) (Gherardi)

Critical analysis of referenced studies on the toxicokinetics of aluminum based adjuvants

- The authors reviewed the three studies claiming aluminum is safe. They say better studies on neonates and adults are needed
 - **(1) Flarend (1997)** used alum salts like vaccine adjuvants but ignored the uptake by cells. Used only 2 rabbits per adjuvant, & studied them 28 days
 - Alum elimination in urine was 6% for hydroxide and 22% for phosphate
 - **(2) Keith (2002) and (3) Mitkus (2011)** evaluated the risk of vaccine alum in babies by finding "minimal risk level" of **oral** (ingested) alum – NOT by injection
 - Both used incorrect absorption calculations & did not consider infant renal & blood-brain-barrier immaturity

336. [MATZKIN 1985](#)
Naturally acquired immunity to tetanus toxin in an isolated community
- In unvaccinated Ethiopian immigrants to Israel, more than 98% had natural immunity to tetanus
 - Per Israel Defense Forces, Israel
 - **NOTE:** In other countries, similar natural immunity has been found. Scientists are not happy about this because the DTP shots given these people don't "take" so well, as they don't seroconvert. Why aren't they leaving them alone if they are already immune?
337. [MAWSON 2016](#) (*provisionally accepted but apparently not published*)
Vaccination and Health Outcomes: A Survey of 6- to 12-year-old Vaccinated and Unvaccinated Children based on Mothers' Reports
338. [MAWSON 2017](#)
Pilot comparative study on the health of vaccinated and unvaccinated 6- to 12-year-old U.S. children
- Homeschooled children were studied
 - Vaccinated children are less likely to get chickenpox and pertussis, but more likely to get pneumonia, ear infection, allergies, autism, and ADHD, especially if they were premies
 - **NOTE:** There is a myth that this paper was retracted. It is not true
 - Funded by Generation Rescue & Children's Medical Safety Research Institute. No conflicts
339. [MAWSON 2017a](#)
Preterm birth, vaccination and neurodevelopmental disorders: a cross-sectional study of 6- to 12-year-old vaccinated and unvaccinated children
- Results question the safety of current vaccination practices for preterm infants
 - Pre-licensure clinical trials of pediatric vaccines have EXCLUDED preterm infants
 - In studies on preterm (premature) infants, however, those given pertussis at 2 months, suffered an increase in apnea (not breathing) and bradycardia (abnormally slow heartbeat)

- In a study of 78 preterm infants, 47% had cardiorespiratory events
- In a study of 27 preterm infants vaccinated < 70 days, 33.3% had apnea and/or bradycardia, but none of those vaccinated after they were 70 days old
- **NOTE:** This paper, too, was NOT retracted. That claim is false
- Funded by Generation Rescue & Children's Medical Safety Research Institute. No conflicts

340. [McCLURE 2019](#)

Similar relative risks of seizures following measles containing vaccination in children born preterm compared to full-term without previous seizures or seizure-related disorders

- No control group
- Seizures 7-10 days and 15-42 days after MMR were compared for preterm and full term children
- The second (full term) were called the "control."
- Later seizures after MMR **at 2 years old** is similar for both groups
- Author concluded the MMR is fine for preemies
- Funded by CDC. Authors received money from Pfizer, Merck, Medimmune (AstraZeneca), GSK, Sanofi Pasteur, Protein Science

341. [McDONALD 2008](#)

Delay in diphtheria, pertussis, tetanus vaccination is associated with a reduced risk of childhood asthma

- In 11,531 children getting 4 doses of DTP, those getting the first one 2 months late had half the asthma risk
- Those getting all doses delayed had 0.39 risk
- Shots stimulate TH2 immunity
- **NOTE:** Later is better
- Funded by Canadian Institute of Health Research. Some authors got money from Novartis

342. [McFARLAND 2020](#) (Thomas)

Acute exposure and chronic retention of aluminum in three vaccine schedules and effects of genetic and environmental variation

- Compares aluminum load in vaccine schedules & modified schedules
- Using models of aluminum retention for adults, the CDC vaccine schedule has the most days of aluminum toxicity and Dr. Thomas' "Vaccine Friendly Plan" has the least.
- Funded by donations to Institute for Pure & Applied Knowledge. One author has been an expert witness in vaccine injury cases. One author sells a book and vaccinates children in his practice

343. [MEGSON 2000](#)

Is autism a G-alpha protein defect reversible with natural vitamin A?

- These children have a G-alpha protein defect (affected by the P in DTP) which separates the G-alpha protein from retinoid receptors
- Then the measles vaccine depletes their existing supply of Vitamin A
- Then artificial Vitamin A Palmitate binds the free G-alpha proteins, deactivating the "off-switch" for several pathways involved in vision, cell growth, hormonal regulation, etc.
- Pertussis shot again at 18 months affects the gut mucosa pathways involved in vision, cell growth, hormonal regulation, etc.
- Children at risk have a parent with G-alpha protein defect: Night blindness, parathyroid resistance, or benign tumor of thyroid or pituitary.
- Vitamin A may reconnect retinoid receptors

344. [MERCK 2016](#)

MMR (Measles, Mumps, and Rubella Virus Vaccine Live)

- According to Merck, in an outbreak, vaccination with the MMR can be given at 6-12 months, although "safety & effectiveness" have not been established, and it may not work anyhow. Vaccinating early may also prevent seroconversion later
- **NOTE:** Women are usually advised to NOT GET PREGNANT for 3 months after getting the MMR. The effects on fetal development are unknown
- Women can expect "generally self-limited" pain and/or arthritis beginning 2-4 weeks after vaccination
- Titer tests can be done first, but that is expensive and requires 2 trips to the doctor so best to just go ahead and vaccinate. (YIKES)

- **NOTE:** I would rather take a titer test than suffer pain/arthritis for weeks unnecessarily
- There “is no conclusive evidence that vaccination of individuals recently exposed to wild-type mumps or wild-type rubella will provide protection.” On the other hand, vaccinating those exposed to wild-type measles within 74 hours “may provide some protection.”
- If allergic to the antibiotic neomycin, **do not give MMR.** (Neomycin is also often found in cheese.)
- Use “caution” in giving MMR if there is a history of convulsions in the family, if child is allergic to egg or has a low platelet count.

345. [MILLER 1987](#)

Live measles vaccine: a 21 year follow-up

- The vaccinated group were still immune after 21 years
- Three groups were compared
 - Live vaccine
 - Killed vaccine and then live vaccine
 - No vaccine
- 37 unvaccinated people who said they never got measles showed antibodies in their blood anyhow
- In the vaxxed group, 23 got measles in the previous 9 years, but the authors think it was “initial failure” rather than waning protection
- Those in the unvaccinated group got more measles. No neurological or other illnesses were considered in comparing groups

346. [MILLER 2009](#)

Liver Damage From Chronic Acetaminophen Dosing is Dangerous, But Not The Only Risk

- Fever, NSAID, vaccine, immune system, headache
- Giving children acetaminophen (Tylenol) after a vaccine makes the vaccine less effective
- Beware of overdosing on acetaminophen. Reasons are discussed

347. [MILLER 2011](#)
Infant mortality rates regressed against number of vaccine doses routinely given. Is there a biochemical or synergistic toxicity?
- Comparing 33 nations, the more vaccines given, the more infant deaths
 - No funding, no conflicts of interest
348. [MILLER 2015](#)
Deaths following vaccination: What does the evidence show?
- Miller says most deaths are coincidental
 - Claims the VAERS reports are not valid
 - The following problems after vaccination that are “allowed” to be considered vaccine-related: (everything else is a coincidence, I guess)
 - Anaphylaxis
 - Vaccine-strain systemic infection from live vaccine if severely immunocompromised
 - Intussusception after rotavirus vaccine
 - Guillain-Barre syndrome after a flu shot
 - Falls if fainting after a vaccine
 - Viscerotropic or neurologic disease after the smallpox vaccine
 - Other allowable complications after the smallpox shot including eczema vaccinatum, progressive vaccinia, encephalitis, myocarditis, cardiomyopathy
 - Paralysis from the oral polio vaccine
 - Funded by CDC and authors work for CDC. VAERS is also made by CDC

349. [MILLER 2016](#)

Aluminum in childhood vaccines is unsafe

- Not possible to determine in advance which babies are at risk. Their renal function is not screened before vaccination.
- “Aluminum-free health options are needed”
- Miller is a medical research journalist. No conflicts of interest
- **NOTE:** Notice in the graph below that the aluminum included in the vaccines went up just about the same time as mercury was removed. There is some overlap because doctors were allowed to use up old stocks of vaccine.

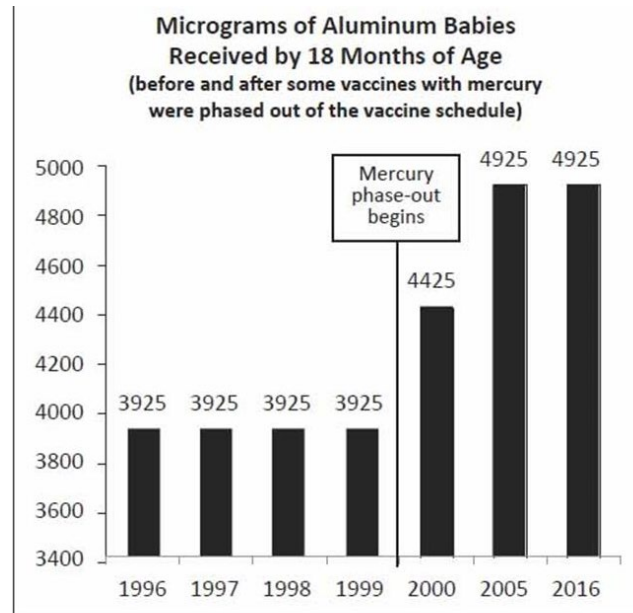


Figure 1. Aluminum content from childhood vaccines

350. [MING 2010](#)

Genetic variant of glutathione peroxidase 1 in autism

- Gene variants in autism are related to oxidative stress and glutathione
- Under-transmission of the ALA6 gene and others cause glutathione to be low, so oxidative stress is high
- Compare this study with DUFAULT 2009 & 2012 studies
- **NOTE:** Vaccines are not discussed in this paper
- **NOTE:** If it is already possible to identify at least some children genetically vulnerable who must be protected from exposure to mercury or other toxins, why are we ignoring that in the vaccine program?

351. [MMR 158 STUDY GROUP 2019](#)

A second dose of an MMR vaccine administered to healthy 4-6 year old children; a phase III observer-blind randomized safety and immunogenicity study comparing GSK MMR and MMR II with and without DTaP-IPV and varicella vaccines co-administration.

- No saline placebo control
- Comparison of MMR by Merck with MMR by GSK as the second dose with and without other vaccines
- They wanted to make sure the vaccines can all be given together without interfering with each other
- The kids had more pain when the vaccines were given together, but this was considered okay
- Funded by GSK. Several authors work for GSK, hold shares in GSK. Some are paid by Merck, Sanofi Pasteur, Medimmune, Dynavax, Protein Science, Pfizer

352. [MO 2017](#)

Efficacy and safety of a pentavalent live human-bovine reassortant rotavirus vaccine (RV5) in healthy Chinese infants. A randomized, double-blind, placebo-controlled trial.

- “reassortant” means more than one virus is combined genetically
- Placebo contents are never mentioned, so it probably was more like the one used in MO 2019, in which all ingredients but the live virus were included in the placebo.
- **NOTE:** Considering the “placebo” it is not surprising that the number of babies with one or more adverse events were almost identical in each group – 1079 (vaxx) to 1077 (placebo)
- Over 50% of the babies had an AE (*adverse event*) with almost 6% of each group having a **serious AE**
- NONE of these AE’s were considered vaccine-related by the investigator (who got to decide), except for three in the placebo group
- **NOTE:** Surely, it is a conflict of interest for the investigator to be the one to decide whether a “side effect” is related to the vaccine?
- All side effects including two cases of intussusception were considered non-vaccine-related
- Funded by Merck (China) Authors received support from Merck & other pharmaceutical company (China)

353. [MO 2019](#)

Immunogenicity of pentavalent rotavirus vaccine in Chinese infants

- The “placebo” had all the toxins and adjuvants but not the virus itself. Also, both groups got all the other vaccines
- Result: Giving them all together is okay
- **NOTE:** If THIS is ethical, how can anyone claim an ethical problem to give the placebo group a real placebo (saline) injection?
- Funded by Merck

354. [MOGENSEN 2017](#) (Aaby)

The introduction of DTP and oral polio vaccine among young infants in an urban African community: A natural experiment

- “DTP was associated with a 5-fold higher mortality than being unvaccinated.”
- These children had been vaccinated in the 1980s, in an attempt to do it by birth dates, they were weighed and vaccinated (or not) depending on when they were born
- Most of the children got nothing but the DTP (some got the OPV too)
- The other comparison studies by these authors used an unvaxxed group that could not be vaccinated because they were too frail or undernourished, which meant the two groups were not similar
- In this study, they were medically similar
- Even the other studies, however, tended to show that DTP was associated with at least 2-fold higher mortality (i.e., the fragile groups did better!)
- Funded by Danida (Danish International Dev. Agency) and Novo Nordisk (pharma). No conflicts of interest claimed

355. [MOLD 2018](#)

Aluminium in brain tissue in autism

- These autistic children had the highest level ever recorded of aluminum in their brains.
- Animal models of autism support a connection with aluminum adjuvant and autism.
- A discussion about this study was removed/censored from Youtube
- Funded by Children’s Medical Safety Research Inst. No conflicts of interest

356. [MORFOPOULOU 2017](#)

Deep sequencing reveals persistence of cell-associated mumps vaccine virus in chronic encephalitis

- An MMR was given to a child with immunodeficiency
- Encephalitis with mumps virus was detected in the child's brain, by biopsy
- Immunodeficient people must not get live virus vaccines
- Funded by NIHR (London), NIH & Pathseek

357. [MORO 2011](#)

Adverse events after Tdap vaccine administered to adults 65 years of age and older reported to the VAERS

- Tdap vaccine is not for people over 65, but some got it anyhow
- There were 243 reports to VAERS, 11 serious, 2 deaths. More "cough" was reported from Tdap
- Conclusion: No safety concerns were found, no further study is needed and it's okay to give Tdap to 65+
- Funded by CDC & FDA, which supervised, managed, analyzed and interpreted data and prepared and approved the paper

358. [MORO 2015](#)

Adverse events following haemophilus influenzae type B (HIB) vaccines in the vaccine adverse event reporting system (VAERS) 1990-2013

- VAERS received 29,747 reports after Hib vaccine
- 17% were serious, including 896 deaths
- 51% of deaths were SIDS
- Most non-death problems were neurological
- "No new safety concerns were identified."
- Funded by CDC & FDA. Authors work for them but claim no conflict of interest

359. [MORRIS 2017](#)

The putative role of environmental aluminium in the development of chronic neuropathology in adults and children. How strong is the evidence and what could be the mechanisms involved?

- Review. Aluminum provokes CNS and brain dysfunction, generates oxidative stress, increases inflammatory cytokines
- Depending on gene polymorphisms, it can induce autoimmunity, etc
- Mentioned: Arthritis, auto-immunity, asthma, brain dysfunction
- **NOTE:** The reference list has a lot of good studies for more information
- **No funding reported. No conflict of interest claimed**

360. [MOSTERIN HOPPING 2016](#)

The confounded effects of age and exposure history in response to influenza vaccination

- Question whether lower titers are from age or previous exposures to vaccines. This study shows the diff is due to previous vaccinations.

361. [MOYERGUSE 2018](#)

The role of humor in messaging about the MMR vaccine

- **INTENT:** To counter “vaccine hesitancy”
- Humor and satire are suggested to “reduce reactance” and “increase perception of measles severity
- **NOTE:** See Appendix A for text of “humor” (page 8)
- **No funding or conflicts reported**

362. [MROZEK-BUDZYN 2013](#)

Measles, mumps and rubella (MMR) vaccination has no effect on cognitive development in children – the results of the Polish prospective cohort study.

- The authors compared MMR to single measles vaccine
- Only 369 children were in the study. Those children called “unvaccinated” were only delayed in MMR until 2 years old
- Conclusion: Safety of MMR is the same as the single measles shot
- **NOTE:** Only cognitive development and not health were compared
- **Funded by NIEHS and Lundin Fdn & others**

363. [MROZEK-BUDZYN 2017](#)
What mothers know about vaccine preventable diseases
- The authors surveyed 177 new mothers
 - The authors complain that some mothers believed measles, mumps, etc. are mild
 - The authors say that doctors must focus on the disease risks to persuade parents to vaccinate
 - No funding or conflicts are mentioned
364. [MWANZA-LISULO 2015](#)
Potential for use of retinoic acid as an oral vaccine adjuvant
- Zambia
365. [NAKAYAMA 2019](#)
Causal relationship between immunological responses and adverse reactions following vaccination
- Discussion of how they deal with adverse events in Japan
 - They appear to do careful surveillance
 - Funded by PHARMA (Japan)
366. [NAKAYAMA 2019a](#)
Immunogenicity and safety of the new MMR vaccine containing measles AIK-C, rubella Takahashi, and mumps RIT4385 strains in Japanese children: A randomized phase I/II clinical trial
- Japan had not been using the MMR because the mumps seemed to cause too many cases of aseptic meningitis
 - In this study, they used an MR (measles+C329s & rubella)
 - They used two groups of healthy children, 50 in each
 - **NOTE:** They all actually got all the same vaccines, just in a different format
 - **NOTE:** No control/unvaccinated group
 - Authors work for Japan Vaccine Company, which also funded it

ADVERSE EVENTS	MMR	M+MR	NOTES
Fever	70%	66%	ADR means the investigator agreed it was vaccine-related
Fever (ADR)	30%	16%	
Fever above 38 C	6%	4%	
Measles like rash	4%	6%	
Other rashes	20%	22%	
Other rashes (ADR)	2%	4%	
Aseptic meningitis	0%	0%	Occurs in 0.1% so group too small
Mumps	0%	0%	Occurs in 1.8% so group too small
The above reactions were solicited by cards for 42 days. Unsolicited reactions are not specified but called "similar" in the two groups.			

367. [NAMVARPOUR 2018](#)

Protective role of alpha-lipoic acid in impairments of social and stereotyped behaviors induced by early postnatal administration of thimerosal in male rat

- Animal study. Rats were given mercury mimicking the vaccine schedule developed autism-like behavior
- The group receiving mercury + ALA did not
- Authors at Tehran U in Iran. No conflicts of interest declared

368. [NEVISON 2014](#)

A comparison of temporal trends in US autism prevalence to trends in suspected environmental factors

- Between 1970 and 2005, polybrominated diphenyl ethers, aluminum adjuvants & glyphosate pesticide have rising trends that correlate positively with the rise in autism
- The author volunteered her work for SafeMinds

369. [NEWTON 2005](#)

Investigation of suspected adverse reactions following strangles vaccination in horses

- Letter to the editor: The side effects can appear to be flu and may be from the vaccine itself. The animals can suffer from shot reactions too
- **NOTE:** Interesting reading

370. [NG 2010](#)

Prevention and treatment of influenza with hyperimmune bovine colostrum antibody

- Colostrum could be available commercially to replace antiviral drugs and prevent/control the flu
- They used colostrum from cows given flu shots, and colostrum from cows not given flu shots as the control. A lot of processing was done – it was defatted, pasteurized, centrifuged, pH adjusted, casein removed
- They grew the flu virus in dog kidneys
- **NOTE:** What happened with the no-flu-shot colostrum isn't mentioned (or I missed it) but they did conclude that their product could be useful for non-vaccinated people or those who get sick anyhow (as treatment)
- Funded by Immuron and National Health & Med. Research Council, Australia
- Author works for Immuron which holds the patent

371. [OBUKHANYEH 2015](#)

Testimony to Senate Health & Welfare Committee: An open letter to legislators currently considering vaccine legislation

- As an immunologist, she gives detailed reasons why not vaccinating is not a threat to the public
- Youtube: [The Future of Immunity](#)

372. [OFFIT 1986 \(Offit\)](#)

Molecular Basis of Rotavirus Virulence: Role of Gene Segment 4

- Bovine rotavirus, simian rotavirus given to mice, reassorted. Gene segment 4 determines dose needed
- **NOTE:** Offit works for Merck and makes a lot of money from vaccines; he also holds patents on some

373. [OFFIT 2002 \(Offit\)](#)

Addressing Parents' Concerns: Do Multiple Vaccines Overwhelm or Weaken the Infant's Immune System?

- Here he provides doctors with answers for parents' questions
- He says it is safe to vaccinate even when the child is sick
- He says that vaccines make babies healthier
- **NOTE:** Adjuvants are not mentioned
- Offit works for Merck

374. [OFFIT 2003a](#)

The meningococcal vaccine - public policy and individual choices

- Risk 0.7 per 100,000 for adolescents & adults; The vaccine is not cost effective, not recommended by CDC, & not covered by insurance
- At that time, this vaccine was routinely given only to military and college students. It is not effective in babies even though they are the most at risk
- Offit wants Advisory Committee on Immunization Practices & AAP to tell doctors to recommend parents pay for it
- **NOTE:** Didn't he just say that it isn't effective for babies?
- Offit works for Merck

375. [OFFIT 2003b](#)

Communicating science to the public: MMR vaccine and autism

- Instructs doctors how to tell parents the MMR is safe and won't cause autism. Officially, autism following MMR vaccine is by chance alone. Offit blames the media and Wakefield for suggesting a connection
- The author works for Merck

376. [OFFIT 2004](#)

Meningococcal conjugate vaccine in the UK: an update

- This new vaccine in the UK includes the serogroup “C” that wasn’t available for babies before, but the author says the disease could change to serogroup “B” when vaccines are used a lot.
- The UK immunized 90% infants & 85% adolescents in a year
- Offit claims this is a very safe vaccine but "no large studies of vaccine efficacy had been done."
- Effectiveness is expected to be shown during use
- The author works for Merck

377. [OFFIT 2005](#)

The Cutter incident, 50 years later

- In the Cutter incident, polio virus was accidentally left alive in the vaccine
- Offit recounts the history of the incident from his point of view
- The author works for Merck

378. [OFFIT 2007](#)

Thimerosal and Vaccines - A Cautionary Tale

- Claims that the removal of thimerosal scared parents into thinking it must be unsafe
- By 6 months, babies get 187.5 mcg mercury from vaccines
- **NOTE:** There is no study comparing safety of vaccines with and without thimerosal.
- This is a "cautionary tale of how not to communicate theoretical risks to the public."
- The author works for Merck

379. [OFFIT 2008](#)

Vaccines and Autism Revisited — The Hannah Poling Case

- The author complains that the Poling case “erodes confidence in vaccines.”
- He says it was "poorly reasoned," and that she had fevers, ear infections, etc
- And he claims she wasn't autistic. She had mitochondrial enzyme deficit, and the similarity to autism is "superficial."
- **NOTE:** There is other research showing that mitochondrial enzyme problems can be part of autism. Here's one:
<https://pubmed.ncbi.nlm.nih.gov/23839164/>
- The author works for Merck

380. [OFFIT 2009](#)

The Problem With Dr Bob's Alternative Vaccine Schedule

- Reviews *The Vaccine Book: Making the Right Decision for your child* by Dr. Robert Sears
- Offit says Dr. Bob's misrepresentation of vaccine science misinforms parents
- Offit works for Merck.

381. [OFFIT 2015](#)

Vaccines and autism in primate model.

- The author agrees with GADAD (2015) study of groups of 12 monkeys
- Says there is no reason to spend more money on this “fruitless, dead-end hypothesis” and that no more research is needed
- Offit claims “no conflict of interest” although he works for Merck

382. [OLCZAK 2009](#)

Neonatal administration of a vaccine preservative, thimerosal, produces lasting impairment of nociception and apparent activation of opioid system in rats

- Animal study. Thimerosal given to rats impairs sensitivity to pain, similar to that seen in autism. It seems to activate the endogenous opioid system
- Funded by the European Commission & Ministry of Science & Higher Ed. Of Poland

383. [OLCZAK 2010](#)
Lasting neuropathological changes in rat brain after intermittent neonatal administration of thimerosal
- Animal study. Thimerosal given at doses equivalent to infant vaccines causes neurotoxic effects in the developing rat brain, likely to be involved in neurodevelopmental disorders of children
 - Funded by the European Commission & Ministry of Science & Higher Ed. Of Poland
384. [OLCZAK 2010a](#)
Neonatal administration of thimerosal causes persistent changes in Mu opioid receptors in the rat brain
- Animal study. Thimerosal given to rat pups disturbs brain development. It causes lasting alterations in the brain opioid receptor density and other pathological changes
 - Funded by the European Commission & Ministry of Science & Higher Ed. Of Poland
385. [OLCZAK 2011](#)
Persistent behavioral impairments and alterations of brain dopamine system after early postnatal administration of thimerosal in rats
- Animal study
 - Vaccine doses of mercury cause lasting alteration in the brain opioid system of baby rats. They also affects locomotor activity, anxiety, social interactions, spatial learning, and the dopamine system.
 - Adult rats are still impaired
 - Funded by the European Commission & Ministry of Science & Higher Ed. Of Poland
386. [O'LEARY 2019](#)
Obstetrician-gynecologists' strategies to address vaccine refusal among pregnant women
- The best strategy to make pregnant women get the vaccine is to tell them that not doing it puts their baby at risk.
 - It is also suggested that doctors give the vaccine as "standing orders" – in other words, to just DO it without any discussion (and no informed consent)
 - This study was funded by the CDC. Some of the authors work for the CDC

387. [ONELLO 2019](#)

First year allopathic medical student attitudes about vaccination and vaccine hesitancy

- This is part of doctor training. The course was intended to increase doctor confidence in convincing people to vaccinate
- Doctor's "comfort level" increased from 79.2% to 97.8%.
- **NOTE:** How nice that we still have 2% of doctors thinking for themselves
- No "specific grant" for funding.

388. [ORIENT 2019](#)

Vaccine controversies: The case for freedom and informed consent

- In this guest editorial, the author discusses risks and benefits, the history, laws, etc. of vaccines
- **NOTE:** Orient is Exec. Director of the Association of American Physicians & Surgeons and the editor of the Journal of American Physicians & Surgeons

389. [OYOSHI 2015](#)

Filaggrin deficiency promotes the dissemination of cutaneously inoculated vaccinia virus

- Animal study; Gene, filaggrin deficient mice - vaccine virus was disseminated in skin and organs

390. [PAPANNA 2011](#)

Femoral neuropraxia after vaccination in a 3-month-old infant: A case report

- After getting a shot in the medial thigh, the baby had leg paralysis, fever, and cough. Baby could not kick. The author says it is due to the shot placement and warns doctors
- Baby was better in 8 weeks

391. [PARADOWSKA-STANKIEWICZ 2016](#)

Measles in Poland in 2014

- 110 cases. 76 hospitalized. no deaths. number higher, but immunization 94.8% Less than 2 got measles per 100,000 and most were not vaccinated

392. [PARASIDIS 2016](#)
Public health law and institutional vaccine skepticism
- The author discusses the issues of vaccine safety and regulations, and the “regulatory vacuum” because of vaccine manufacturer immunity
 - **NOTE:** 13 pages and worth the read
 - The author is an attorney and law professor in bioethics
393. [PARASIDIS 2016a](#)
Parental refusal of childhood vaccines and medical neglect laws
- Searching the laws, there were 9 cases in 5 states
 - 7 of the 9 courts said that refusal to vaccinate is “medical neglect.”
 - The author says each state should clarify its policy
394. [PARODI 2019](#)
Childhood infectious diseases and risk of non-Hodgkin’s lymphoma according to the WHO classification: A reanalysis of the Italian multicentre case-control study
- Non-Hodgkin’s lymphoma has been increasing since 1960
 - The author says there is a protective role of acute childhood diseases that should be further investigated
 - One study of 27,000 people found a **15% reduced risk for people who had measles and/or pertussis**
 - **Funded by several cancer organizations**
395. [PEREZ 2012](#)
Human prophylactic vaccine adjuvants and their determinant role in new vaccine formulations
- They keep using aluminum salts adjuvants in vaccines because of “intellectual property and know-how issues.”
 - The author suggests changes
396. [PERTUSSIS CME 2011](#)
CDC Update Whooping Cough Vaccine Recommendations

397. [PETROVSKY 2004](#)
Vaccine adjuvants: Current state and future trends
- Antigens, adjuvants, alum, Alzheimer's, Th1, Th2 immunity. Australia
 - Author says there are problems with the aluminum adjuvant, and a need for better ones
 - Author is director of Vaxine Pty (Australia) and interested in the insulin adjuvant which is described
398. [PETROVSKY 2015](#)
Comparative safety of vaccine adjuvants: A summary of current evidence and future needs
- Author says reactions are the inevitable "price" for immunity until one can separate inflammation from adjuvant action
 - Author is director of Vaxine Pty (Australia) and interested in the insulin adjuvant which is described
399. [PHADKE 2016](#) (comment on Hutcheon 2016)
Maternal Influenza Immunization and Adverse Birth Outcomes: Using Data and Practice to Inform Theory and Research Design
- Author criticizes HUTCHEON 2016 who said the flu shots are of little help in pregnancy
 - Provides a list of studies showing flu shots protect the baby
 - See HUTCHEON 2016a
400. [PHADKE 2017](#)
Maternal vaccination for the prevention of influenza: Current status and hopes for the future
- In some countries pregnant women are more at risk for flu death, but in others at less risk than non-pregnant women
 - Better obstetrical care is mentioned
 - Funded by National Institute of Allergy & Infectious Diseases. No conflicts listed

401. [PHYSICIANS FOR INFORMED CONSENT 2018](#)

MEASLES: What parents need to know

- Brochure. Disease information statement re measles and the vaccine
- “... the risk of permanent injury and death from the MMR vaccine has not been proven to be less than that of measles.”

402. [PHYSICIANS FOR INFORMED CONSENT 2018](#)

MMR vaccine: Is it safer than measles?

- Brochure. Vaccine risk statement including side effects, risks, surveillance accuracy, clinical trial accuracy, epidemiological study accuracy. “Is it safer than measles?”

403. [PICHICHERO 2002](#)

Mercury concentrations and metabolism in infants receiving vaccines containing thiomersal: A descriptive study

- Authors say that thiomersal (aka thimerosal) contains a “small amount of mercury” (50%).
- The amounts in blood, urine, and stools of babies were measured 3-28 days after the vaccine was given
- Mercury concentrations were low in urine but high in stool of babies given vaccines. At 6 months, blood values were “lower than 7.50 nmol/L)
- **NOTE:** If you take an overdose of Tylenol, your blood level will be normal after 28 days ... if you live. You may still have liver damage
- Only one of 15 babies given no thimerosal-containing vaccine had measurable mercury in their blood
- Only full-term babies were studied
- Authors claimed “no toxic effects of low-dose exposure to thiomersal in children have been reported.”
- **NOTE:** the highest-level days (days 1-3) were NOT measured
- **Funded by the NIH**

404. [PICHICHERO 2008a](#)

Mercury levels in newborns and infants after receipt of thimerosal-containing vaccines

- 216 healthy children, grouped as newborn, 2 months and 6 months, were tested for mercury before and after vaccines
- The authors averaged the results, so individual results are unknown. They used only healthy children in this study, so it is not known if frail children or preterm babies handle mercury differently
- All these children -- averaged, remember -- returned to pre-vax level by 30 days
- **NOTE:** This means that they had an **abnormal level** of poison in their blood for those 30 days. Did it go to their bones? Their brain? Their liver? Where? Was it ALL excreted?
- **NOTE:** If you drank a poison that was going to stay around for 30 days, wouldn't you want to know what it was doing to you during that time?
- The author concluded exposure guidelines based on oral methyl mercury in adults may not be accurate for risk assessments in children
- **Funded by NIH.**

405. [PICHICHERO 2008](#)

Mercury levels in newborns and infants after receipt of thimerosal-containing vaccines

- Letter to the editor. Answering ROONEY 2008's letter to the editor which pointed out that ethyl mercury in rats causes long-term mercury content in rat brains, more than methyl mercury
- The author said he could not examine the babies' brains
- **NOTE:** I guess he told Rooney, huh?

406. [PICHICHERO 2009](#)

Mercury levels in premature and low birth weight newborns after receipt of thimerosal-containing vaccines

- 72 premature babies were given HepB with thimerosal. Their blood mercury returned to normal by Day 30
- Post-vax samples were taken at different times, once each baby, and averaged. Thus, the range is not known
- **NOTE:** “normal by Day 30” means – to me – that they were NOT NORMAL for the first 29 days of the baby’s life. What damage that may have done is not known
- **NOTE:** Think about Tylenol. Taking too much damages your liver. Assuming you survive, the level of Tylenol in your blood returns to normal after a while. Does that mean your liver is NOT damaged?
- **Funded by the NIH**

407. [PLUVIANO 2019](#)

Parents’ beliefs in misinformation about vaccines are strengthened by pro-vaccine campaigns

- Efforts to change parents’ minds via “myths and facts” articles backfired. Parents continued to believe “misinformation” about vaccines
- **NOTE:** Maybe the parents would respond better if they were told the truth?

408. [POLAND 1998](#)

Variability in immune response to pathogens: Using measles vaccine to probe immunogenetic determinants of response

- People with the HLA gene variants don’t respond to immunization well. Or at all
- **NOTE:** This is a complicated article
- **Funded by the NIH**

409. [PRICE 2010](#)

Prenatal and infant exposure to thimerosal from vaccines and immunoglobulins and risk of autism

- Price et al found no increased risk of autism
- The two groups compared were children WITH autism and children WITHOUT autism – not those who did and did not receive thimerosal-laced vaccines
- Funded by CDC. Some of the authors have financial ties to Merck, Medimmune (Astra-Zeneca), Sanofi Pasteur, Chiron, Wyeth, GSK, and Autism Speaks

410. [PRITCHARD 2002](#)

Risk of relapse of Guillain-Barré syndrome or chronic inflammatory demyelinating polyradiculoneuropathy following immunization

- Survey of those who got GBS after vaccination, to see if they got worse after another vaccination. Those who got more vaccines did report more symptoms, but it was assumed that those who were worse were more likely to answer the questionnaire and therefore it seems to be more than it really was
- Thus, the author concluded that the true risks of relapse following immunisations after GBS may be less than those discovered in the survey
- No conflicts of interest disclosed

411. [QI 2011](#)

Simian virus 40 transformation, malignant mesothelioma and brain tumors

- Polio vaccines, cancer, contaminated vaccines
- SV40 was a DNA monkey virus contaminant in polio vaccine in the 1950s
- The vaccine was not recalled
- This detailed description concludes it can cause cancer in any organ, making it “the most potent oncogene known to date.”
- While the presence of SV40 can suggest therapies, that research is not being done (as of 2011)
- Funded by U of Hawaii Fdn & cancer foundations

412. [RAGUNATHAN-THANGARAJAH 2013](#) (Gherardi)
Distinctive clinical features in arthro-myalgic patients with and without aluminum hydroxide-induced macrophagic myofasciitis: An exploratory study
- People with MMF from aluminum containing vaccines have fewer fibromyalgic tender points, and more CNS dysfunction than others
 - Scores may help the diagnosis without muscle biopsy (done in France)
413. [RAM 2008](#)
Hepatitis B: Infection, vaccination, and autoimmunity
- Author discusses possible ways the vaccine could cause autoimmunity, concluding that more research is needed.
 - Israel
414. [RAO 2011](#)
The MMR vaccine and autism: Sensation, refutation, retraction, and fraud
- Claims the Wakefield study was a fraud
415. [RATAJCZAK 2011a](#)
Theoretical aspects of autism: Biomarkers – a review
- The author presents an approach to developing “an objective measure of autism,” discussing several biomarkers
 - **NOTE:** Some of these markers indicate susceptibility to vaccine toxins and could lead to identifying children at risk in advance. But now, a decade later, it is not being done. One might be tempted to imagine that nobody is interested because it would admit that the vaccine was “at fault.”
416. [REIJNEVELD 1997](#)
Severe but transient parkinsonism after tetanus vaccination
- Vaccine, tetanus, DTP

417. [RICHMAND 2011](#)
Hypothesis: Conjugate vaccines may predispose children to autism spectrum disorders.
- The HIB vaccine changes baby's immune system reaction to carbohydrate antigens and may interfere with brain development and/or myelination process
 - Autism increases in each country coinciding with the introduction date for this kind of vaccine
 - Author claims no conflict of interest
418. [RIMLAND 2000](#)
Editorial: The Autism Epidemic, Vaccinations, and Mercury
419. [RIMLAND 2002](#)
Vaccines and Autism
- Autism, vaccinations, mercury, MMR
420. [RIMLAND 2004](#)
Association between thimerosal-containing vaccine and autism
- Response to HVIID 2003 pointing out his affiliation with Statens Serum, maker of the vaccine under study, where vaccines are 80% of income
421. [ROETZER 2016](#)
Vaccine against toxic shock syndrome in a first-in-man clinical trial
- The author describes the first small human trial of a vaccine for sepsis / toxic shock
 - It was safe, well tolerated, and immunogenic, inducing neutralizing antibodies in 81.8% of participants
 - Placebo was the aluminum adjuvant
 - Funded by Austrian Research Promotion Agency. Authors are employees

422. [RONCHI 2011](#)
Clinical and molecular features of an infant patient affected by Leigh Disease associated to m.14459G > A mitochondrial DNA mutation: A case report
- This is a description of a case of Leigh Syndrome symptoms triggered by vaccines. This syndrome results in neurological deterioration, seizures, and death
423. [ROONEY 2008](#)
Re: Mercury levels in newborns and infants after receipt of thimerosal-containing vaccines
- Letter to the editor: re PICHICHERO 2008
 - In rats, more inorganic mercury remained in the brain after ethyl mercury than after methyl mercury
 - Inorganic mercury has a long half-life (stays a long time)
424. [ROSE 2011](#)
Conjugate vaccines and autism
- Editorial: Jumps in autism prevalence correspond to the introduction of the HIB Pneumococcal vaccine and another (strep) conjugate vaccine in each country studied
 - Author discusses the evolutionary basis
425. [ROSEN 2014](#)
Outbreak of measles among persons with prior evidence of immunity. New York City 2011
- The patient who started the outbreak had 2 doses of measles
 - Several other patients were also vaccinated
 - Authors work for the CDC and local Departments of Health but have no conflict of interest

426. [ROSENLUND 2009](#)

Allergic disease and atopic sensitization in children in relation to measles vaccination and measles infection

- Measles infection (but not the vaccine) may protect against allergic disease in children, including skin sensitization, asthma, or wheezing
- **NOTE:** PARSIFAL = Prevention of Allergy Risk Factors for Sensitization in Children Related to Farming & Anthroposophic Lifestyle

427. [RUBACH 2011](#)

Increasing incidence of invasive haemophilus influenzae disease in adults. Utah, USA

- Hib decreased after vaccination, but new serotypes are increasing now – most in adults over 65
- In Utah, they had 51% of cases and 67% of deaths. In Illinois, they have 77% of cases. Fatality rate is 22%
- **NOTE:** $51\% + 77\% = 128\%$ I must have missed something here.
- **NOTE:** If this fatality rate is true, it is far higher than the Covid fatality rate. Why has nobody noticed?
- **NOTE:** Is there any indication that the vaccine created the new serotypes via vaccine drift or pressure?
- Authors are with the U of Utah, Kaiser, Utah Dept of Health, and Intermountain Healthcare

428. [SAVITZ 2015](#)

Does influenza vaccination improve pregnancy outcome? Methodological issues and research needs

- The impact would be substantially greater if reported vaccine effects on improved pregnancy outcomes were accurate.”
- The author says that the vaccine prevents flu, but it is not clear that flu in pregnancy is a problem
- Funded by Gates Foundation
- **NOTE:** I wonder if this guy ever got funded by Gates again?

429. [SCHULTZ 2007](#)
Are you vaccinating your dogs too much?
- This article is based on Schultz' research
 - Dogs should be vaccinated at 16 weeks – only
 - NOT every year
 - NOT every 3 years
 - Vaccines cause a long list of problems including arthritis and death (see page 8)
430. [SCHULTZ 2008](#)
Acetaminophen (paracetamol) use, measles-mumps-rubella vaccination, and autistic disorder
- Results of a parent survey show that Tylenol after MMR was significantly associated with the development of autism
 - **NOTE:** It is not clear whether the Tylenol was used more because the fever was worse, or whether the results were worse directly because of the Tylenol
 - Authors are with U of CA and San Diego State U. Study was done on behalf of the National Autistic Society
431. [SCHULTZ 2010](#)
Can autism be triggered by acetaminophen activation of the endocannabinoid system?
- Brain, MMR vaccine, asthma, glucuronidation, sulfation
 - Cytochrome P-450
432. [SCHWARZ 2006](#)
Common-sense construction of consumer protection acts (72 pages)
- Litigation info
 - **NOTE:** See page 48 on pharmaceutical manufacturers
 - “ ... plaintiffs needed only to allege that they received a product that was different or inferior to that which they believed they purchased.”
 - **NOTE:** The word “vaccine” does not occur in the entire paper

433. [SENEFF 2015](#)

Aluminum and glyphosate can synergistically induce pineal gland pathology. Connection to gut dysbiosis and neurological disease

- Many neurotoxic chemicals could cause autism, but 3 have an exposure increase that aligns with the history
 - Glyphosate
 - Aluminum adjuvant
 - Polybrominated diphenyl ethers (fire retardant)
- Funded by Quanta Computer, Taiwan. No conflicts

434. [SHARPE 2012](#)

Thimerosal-derived ethylmercury is a mitochondrial toxin in human astrocytes. Possible role of Fenton chemistry in the oxidation and breakage of mtDNA

- The authors investigated the toxicology of thimerosal on mitochondrial function
- It inhibits mitochondrial respiration, increases superoxides and other toxins, causing damaged DNA bases, and increases “nicks and blunt-ended breaks” in mtDNA
- Funded by Autism Speaks, Verdant Fdn, and others

435. [SHARPE 2013](#)

B-Lymphocytes from a population of children with autism spectrum disorder and their unaffected siblings exhibit hypersensitivity to thimerosal

- The authors studied mercury’s effect on mitochondria from children with and without autism
- Their research shows people with a **mild mitochondrial defect** may be very susceptible to toxins like thimerosal.
- The thimerosal concentration required to inhibit cell proliferation in those with autism was only 40% the amount needed for controls
- Funded by Autism Speaks, Taub Fdn., others

436. [SHEARER 2014](#)
Recommendations for live viral and bacterial vaccines in immunodeficient patients and their close contacts
- They may be able to have some live virus shots but not polio OPV and are at risk of pertussis from anti-vaxxers (and because vaccinated people have lost their immunity)
 - Authors have received funding from NIH and several vaccine companies.
437. [SHEFFIELD 2018](#)
Effect of influenza vaccination in the first trimester of pregnancy
- Authors compared women receiving the flu shot in each trimester and to unvaccinated women
 - There was no difference in malformations, but there was a decrease in stillbirth, premature delivery and neonatal death
 - **NOTE:** The unvaccinated mothers were younger and mostly first timers
438. [SHELBY 2013](#)
Story and science: How providers and parents can utilize storytelling to combat anti-vaccine misinformation
- Promotion of propaganda strategies to combat vaccine resistance
439. [SHIMABUKURU 2019](#)
Safety of the 9-Valent human papillomavirus vaccine
- 7,244 reports of adverse events were found in VAERS, including two reports of death.
 - Authors concluded there were “no new or unexpected safety concerns”
 - Some authors work for Merck and CDC.
440. [SHUI 2012](#)
Risk of Intussusception Following Administration of a Pentavalent Rotavirus Vaccine in US Infants
- Vaccine. children, babies infants

441. [SINGH 2002](#)
Abnormal measles-mumps-rubella antibodies and CNS autoimmunity in children with autism
- Lab studies indicated abnormal antibody response to the measles component of the MMR, related to CNS autoimmunity and autism
 - Funded by Autism Research Institute & other foundations
442. [SINGH 2003](#)
Elevated levels of measles antibodies in children with autism
- 83% of autistic children showed abnormal antibody to measles virus, showing abnormal reaction to the measles vaccine
 - Not mumps or rubella
 - Funded by multiple nonprofits, no conflict of interest
443. [SLIFKA 2015](#)
Transcutaneous yellow fever vaccination of subjects with or without atopic dermatitis
- Transcutaneous vaccination in presence of atopic dermatitis (high IgE levels) predicts lower virus-specific immune memory
444. [SMITH 2011 \(blog\)](#)
Musings from the Chiefio: Oxalate, Gout, Arthritis, and Autism
- Oxalic acid, glutamate, vaccines, gut-brain, Alzheimer's
445. [SMITH 2018](#)
The unexpected impact of vaccines on secondary bacterial infections following influenza
- Secondary bacterial infections contribute to flu-related death
 - Vaccines against bacteria are few and not helpful
 - Bacterial infections are worse if you already have the flu, even a mild one, or even after a flu vaccine
 - Funded by NIH

446. [SMITH-NOROWITZ 2012](#)
Long-term persistence of IgE anti-influenza A H1N1 virus antibodies in serum of children and adults following influenza A vaccination with subsequent H1N1 infection: a case study
○ Vaccine, H1N1, flu, IgE, allergy
447. [STOCKWELL 2013](#)
Risk of Fever After Pediatric Trivalent Inactivated Influenza Vaccine and 13-Valent Pneumococcal Conjugate Vaccine
○ When given together, much higher rate of fever
448. [SMITH 2011 \(blog\)](#)
Musings from the Chiefio: Oxalate, Gout, Arthritis, and Autism
○ Oxalic acid, glutamate, vaccines, gut-brain, Alzheimer's

○
449. [STRATTON 2002](#)
Immunization Safety Review: SV40 Contamination of Polio Vaccine and Cancer
○ Vaccines. 102 pages
450. [STRATTON 2002](#)
Immunization Safety Review: Multiple Immunizations and Immune Dysfunction
○ Vaccines. 152 pages
451. [SUKUMARAN 2015](#)
Adverse Events Following Measles, Mumps, and Rubella Vaccine in Adults Reported to the Vaccine Adverse Event Reporting System (VAERS), 2003–2013
○ Reviewed VAERS, no new safety concerns for MMR. need to tell doctors not to vaccinate pregnant women with MMR

452. [SUNDARAM 2022](#)
Extended surveillance to assess safety of 9-valent human papillomavirus vaccine
- The authors say that safety has been established, but rare and severe adverse events requires extended study periods
 - Observing the Vaccine Safety Datalink (VSD) for cases of GBS, stroke, and demyelinating polyneuropathy, they only found a small number per 100,000 doses reported
 - The various authors received support from GSK, Janssen, Novavax, Merck, Pfizer, Sanofi Pasteur and Moderna for various studies
453. [SURMAN 2016](#)
Vitamin Supplementation at the Time of Immunization with a Cold-Adapted Influenza Virus Vaccine Corrects Poor Mucosal Antibody Responses in Mice Deficient for Vitamins A and D
454. [SWANSEA 1987](#)
Study of intellectual performance of children in ordinary schools after certain serious complications of whooping cough
- This is a study done seven or eight years after a whooping cough (pertussis) epidemic in South Wales in 1977. The intention was to see what happened to the thinking ability of children who had been under 5 years old at the time of the epidemic. Out of 1500 cases of children who had had whooping cough, only 27 could be used in this study because they had to be matched with a same-age child who had not been sick and one who had been sick but with no serious symptoms
 - Two (13%) of the group who had whooping cough without complications, and 11 (41%) of the group who did not get sick were fully vaccinated
 - **NOTE:** 41% the children who did not get sick were vaccinated. That means that 59% of those who did not get sick were NOT vaccinated
 - **NOTE:** Shouldn't a higher percent of vaccinated children NOT get sick if the vaccine is working?
 - But ... then it does appear that a far lower percent of vaccinated children got sick with or without seizures. The percentages look nice, although they don't add up right. 13% (2 children) who had whooping cough without problems were vaccinated, while only 11% (3 children) of those who had seizures were vaccinated
 - **NOTE:** If somebody can explain this math to me, let's talk

455. [SYKES 2014](#) (Geier)

Thimerosal as discrimination: Vaccine disparity in the UN Minamata Convention on mercury

- Developing countries still get vaccines with mercury, even though mercury was regulated in 2010
- Previously it was ignorance – now it is policy
- Funded by CoMeD (an electric co.) and the Institute of Chronic Illnesses. All authors have been involved in vaccine litigation

456. [SZAKACS 2015](#)

Psychiatric Comorbidity and Cognitive Profile in Children with Narcolepsy with or without Association to the H1N1 Influenza Vaccination

- More of those who were vaccinated had multiple disorders; more had frequent tantrums
- 31 people got narcolepsy after the H1N1 vaccine
- 43% had psychiatric problems
- 29% had ADHD
- 20% had depression
- 10% had anxiety
- 7% had ODD
- 3% had PDD (autism)
- 3% had eating disorders
- Those with comorbidity had lower IQ but hard to draw conclusions from such a small sample.
- Sweden
- "Not an industry-supported study"

457. [TALWAR 1997](#)
Fertility regulating and immunotherapeutic vaccines reaching human trials stage
- This vaccine for birth control is carried on the tetanus and diphtheria toxoids
 - They induce antibodies against human chorionic gonadotrophin (HCG) and can be used for birth control and also for cancers involving sex hormones
 - Works in both people and animals
 - Funded by Rockefeller Fdn and govt. organizations of Canada and India
458. [TISHLER 2004](#)
Vaccination may be associated with autoimmune diseases
459. [TOMLIJENOVIC 2011](#)
Aluminum vaccine adjuvants: Are they safe?
- Aluminum adjuvant carries a risk for autoimmunity, long-term brain inflammation, and other neurological complications
 - The author says more rigorous scrutiny is needed on whether the risk of disease outweighs the risk of toxicity from the “presumed prophylactic agent.”
 - Funded by Fox, Dwoskin & Lotus Fdns
460. [TOMLIJENOVIC 2013](#)
HPV vaccines and cancer prevention, science versus activism
- The HPV vaccines are supposed to (1) prevent cervical cancers and save lives, and (2) have no risk of serious side effects
 - The author claims that careful analysis of the vaccine data shows that both of these premises are “at odds with factual evidence” and are derived from “significant misinterpretation of available data.”
 - The author reports no conflicts of interest
461. [TOMLIJENOVIC 2011a](#)
Do aluminum vaccine adjuvants contribute to the rising prevalence of autism?
- Statistical analysis indicates the correlation of aluminum in vaccines and the rise in autism is causal
 - Funded by Fox & Dwoskin Fdns

462. [TOMLIJENOVIC 2012](#)

Mechanisms of aluminum adjuvant toxicity and autoimmunity in pediatric populations

- "... research evidence shows that increasing concerns about current vaccination practices may indeed be warranted."
- "The lack of evidence of causality between ADRs (serious adverse reactions) and vaccinations may simply be due to methodological inadequacy of vaccine trials." (See Table 3)
- Safety studies use aluminum in both test and control
- Vaccine trials historically exclude vulnerable people with pre-existing conditions
- Because of this "selection bias," the true health risks from vaccinations remain unknown

463. [TOMLIJENOVIC 2013](#)

Adverse reaction studies

- Short Youtube video about the serious adverse events of HPV vaccines and why the vaccine industry studies don't see them

464. [TOMLIJENOVIC 2013](#)

HPV vaccines and cancer prevention, science versus activism

- The HPV vaccines are supposed to (1) prevent cervical cancers and save lives, and (2) have no risk of serious side effects
- The author claims that careful analysis of the vaccine data shows that both of these premises are "at odds with factual evidence" and are derived from "significant misinterpretation of available data."
- The author reports no conflicts of interest

465. [TOMLJENOVIC 2013a](#)
Human Papillomavirus (HPV) vaccines as an option for preventing cervical malignancies: (How) effective and safe?
- The authors say that the vaccine's claims rest on a number of unproven assumptions and misinterpretation of the data
 - They claim the vaccine will result in a 70% reduction of cervical cancers despite the fact that the clinical trials data have not demonstrated to date (this was 2013) that the vaccines had actually prevented a single case of cervical cancer, let alone any cancer deaths
 - The authors claim that the HPV safety profile is equally flawed and that periodic cervical cancer screening (which carries no risk) would be the better choice
 - The authors report no conflicts of interest
466. [TROTTER 2004](#)
Effectiveness of meningococcal serogroup C conjugate vaccine 4 years after introduction
- Short term effectiveness. Herd immunity
 - Long-term effectiveness unknown; immunity of infants declines after 1 year
467. [TURNER 2015](#)
Safety of live attenuated influenza vaccine in atopic children with egg allergy
- appears safe in egg allergy and asthma or wheeze.
468. [TUTTLE 1997](#)
The Risk of Guillain-Barre Syndrome after Tetanus-Toxoid-Containing Vaccines in Adults and Children in the United States
- Authors say that the risk is not significant.

469. [UHLMANN 2002](#) (Wakefield)
Potential viral pathogenic mechanism for new variant inflammatory bowel disease
- 75 of 91 patients diagnosed with ileal lymphonodular hyperplasia/ enterocolitis (bowel inflammation) and developmental disorder had measles virus in their intestinal tissue. Only 5 of the 70 controls did.
 - The data confirm an association between the presence of measles virus and gut pathology in children with developmental disorder
 - **NOTE:** As far as I can see, these children had never had measles, so the source of the measles virus was most likely from their MMR vaccine
 - The study was funded by the John Ellerman Fdn, Welton Fdn, Medical Interventions for Autism, and Visceral
470. [UITTENBOGAARD 2018](#)
Novel insights into the functional metabolic impact of an apparent de novo m.89931T > G variant in the MT-ATP6 gene associated with maternally inherited form of Leigh Syndrome
- Leigh syndrome is a genetic disorder leading to death
 - In this case, symptoms were triggered by vaccines at 4 months, showing a mitochondrial disorder
 - See Letter to Editor by FDINSTERER 2018
 - Funded by NIH
471. [UK 2017](#)
Measles notifications and deaths in England and Wales 1940 to 2016
- Chart of the number of cases and deaths from measles, 1940 to 2016 in England
 - 1940 – mortality = 0.2%
 - 1953 – mortality = 0.02%
 - Measles vaccine was introduced in 1968

472. [UNO 2015](#)

Early exposure to the combined measles–mumps–rubella vaccine and thimerosal-containing vaccines and risk of autism spectrum disorder

- Those studied were adults born from 1986 to 1992; They also received fewer other vaccines than children today, although those they did receive generally did contain thimerosal (mercury).
- The dates of birth were chosen because that is when Japanese children under the age of 3 were getting the MMR combined vaccine
- Statistically, both groups apparently got the same vaccines at the same ages. None of them got the Hep B shot at birth, the way we do it in the US, **except for one in the autism group** whose mother had been positive for Hep B
- Although statistical differences in the AVERAGE exposure to thimerosal between the groups at 36 months was the same, it seems several in the autism group had received their DTP or other thimerosal-containing shots earlier
- **NOTE:** The AVERAGES of how much mercury the two groups got were not significantly different. Since we know that it is not what we put INTO the child that causes the problem, but rather that the child who will be affected has trouble EXCRETING whatever is put into him, this is in my opinion a rather interesting but useless exercise.
- The authors have no conflicts of interest to declare

473. [VACCINE INSERTS](#)

FDA – Package inserts and product approval information

- List of package inserts for the vaccines

474. [VAN DER GUCHT 2015](#) ... (Gherardi)

Neuropsychological correlates of brain perfusion SPECT in patients with macrophagic myofasciitis

- Using SPECT to study the brain perfusion in patients with aluminum adjuvant induced MMF
- Conclusion: There is a pattern of brain changes in MMF
- Funded by French Research programs. No conflict of interest.

475. [VAN DER GUCHT 2017](#) (Gherardi)
Predictive value of brain 18F-FDG PET/CT (Positron Emission Tomography/Computed Tomography in macrophagic myofasciitis?
- This was a case report of a woman with suspected MMF several years following multiple aluminum containing vaccines
 - PET scans for diagnosis are described
 - French. No conflicts of interest
476. [VERBEEK 2014](#)
Etiologies for seizures around the time of vaccination
- Several genetic seizure disorders / epilepsy may begin with the first seizure after a vaccine, so parents misinterpret the vaccine as the cause
 - Dravet syndrome (the new name for severe myoclonic epilepsy of infancy) and several other epilepsy and encephalopathy episodes beginning right after a vaccine aren't really caused by the vaccine, but just happened to start then. Possibly triggered by the fever? Explaining this to parents should make them less vaccine-hesitant, they say
 - In other words, they say, "although the vaccination might have triggered the first seizure, the epilepsy and subsequent intellectual disability were caused by a genetic defect."
 - Somehow, they pulled 14 children out of 900 who had seizures for this study. What about the other kids?
 - **NOTE:** As a parent, I would not have bought their explanation. Moreover, I would insist that if they already know that these genetic disorders exist and can be triggered by a vaccine, then they ought to be looking for them BEFORE vaccinating the babies, and protect them.
 - The authors claim to have no conflict of interest
477. [VERSTRAETEN 2003](#)
Safety of Thimerosal-Containing Vaccines: A Two-Phased Study of Computerized Health Maintenance Organization Databases
- as of 2005 - No consistent significant associations; conflicting results
 - **NOTE:** The mercury was supposed to be removed before this date.

478. [VESIKARI 2006](#) (Offit)
Safety and Efficacy of a Pentavalent Human–Bovine (WC3) Reassortant Rotavirus Vaccine
- **NOTE:** No UNVACCINATED placebo group
 - Intussusception risk similar to “placebo “
 - Offit (at Merck).
479. [WALKER 2006](#)
Cultured lymphocytes from autistic children and non-autistic siblings up regulate heat shock protein RNA in response to thimerosal challenge
- Autistic children may be more susceptible to heavy metal poisoning, i.e., unable to upregulate metallothionein (MT)
 - Zinc caused over-expression of MTs but mercury caused heat shock protein increase but not MTs
 - Funded by Safe Minds and Wallace Fdn
480. [VINGTDEUX 2016](#)
A modification-specific peptide-based immunization approach using CRM197 carrier 2 protein: Development of a selective vaccine against pyroglutamate A β peptides
- Anti-Alzheimer's vaccine; first trial increased risk of encephalitis. Looking for new carrier.
 - France
481. [WAAIJENBORG 2013](#)
Waning of Maternal Antibodies Against Measles, Mumps, Rubella, and Varicella in Communities With Contrasting Vaccination Coverage
- MMR. Babies born to vaccinated mothers had short immunity to MMR. Babies of unvaccinated mothers had higher immunity, and for longer
 - Unvaccinated mothers had more antibodies to rubella than vaccinated mothers. "This increases the risk of disease transmission in highly vaccinated populations."

482. [WAKEFIELD 1998](#)
Ileal-lymphoid-nodular hyperplasia, non-specific colitis, and pervasive developmental disorder in children
- This is the article later retracted by *Lancet*
 - chronic enterocolitis, GI, MMR vaccination, autism, celiac
 - Wakefield, Much, Anthony, Linnell, Casson, Mialik, Berelowitz, Dhillon, Thomson, Harvey, Valentine, Davies, Walker-Smith
 - [Comment by Sabra 1998](#)
 - [Haller: responding to parent fears of vaccines](#)
 - [News for the Practitioner](#) says perhaps the enterocolitis in the autistic children caused failure of viral clearance, & claims no association found in epidemiological studies
483. [WANG 2014](#)
Difficulties in eliminating measles and controlling rubella and mumps. A cross-sectional study of a first measles and rubella vaccination and a second MMR
- In China, MMR coverage is more than 99% but diseases are still high
 - The authors conclude that more MMR shots are needed
 - **Funded by Zhejiang Province Project. No conflict of interest.**
484. [WARD 2004](#) (Shaw, Offit)
Rotavirus Immunoglobulin A Responses Stimulated by Each of 3 Doses of a Quadrivalent Human/ Bovine Reassortant Rotavirus Vaccine
485. [WARFEL 2014](#)
Acellular pertussis vaccines protect against disease but fail to prevent infection and transmission in a nonhuman primate model
- Animal study. Baboons vaccinated with whole-cell pertussis cleared the virus faster than those vaccinated with acellular pertussis
 - But neither did as well as those who had gotten pertussis itself
 - The vaccine does not prevent infection and transmission. A better vaccine is needed
 - **Funded by FDA, NIH**

486. [WATAD 2019](#)
Autoimmune/inflammatory syndrome induced by adjuvants (ASIA) demonstrates distinct autoimmune and autoinflammatory disease associations according to the adjuvant subtype. Insights from an analysis of 500 cases.
- The authors describe 500 cases of ASIA, the time between the vaccine and symptoms, and type of vaccine, including influenza vaccines, that contain adjuvants
 - “Despite being rare, this link is real.”
 - The author says the benefits outweigh the side effects
 - **NOTE:** Once again, there are no placebo studies
 - One author has been in vaccine court
 - Funded by Gift of Russian Federation
487. [WELSBY 2006](#)
Chickenpox, chickenpox vaccination, and shingles
- The chickenpox vaccine causes an increase in shingles
 - This is a discussion of the UK policy to wait and watch what happens in other countries. The chickenpox shot is expected to push the age of getting chickenpox higher and the age of getting shingles lower
 - No funding. No conflicts of interest
488. [WILSON 2011](#)
Adverse events following 12 and 18 month vaccinations: A population-based, self-controlled case series analysis
- In the 2 weeks following the MMR vaccinations, there were significantly more ER visits compared to the following month
 - **NOTE:** I wrote 4/21/2019 to ask about a comparison to the PREVIOUS month. I received no answer
 - There were also an additional 20 seizures for every 100,000 children vaccinated
 - Funded by Ontario Ministry of Health, Canadian Fdn for Innovation, etc. No conflicts

489. [WINTER 2017](#) (Cherry)
Effectiveness of prenatal Tdap vaccination on pertussis severity in infants
- Prenatal Tdap vaccination reduces the severity of pertussis in infants who get it anyway
 - It was 58% effective in preventing hospitalization
 - **NOTE:** Prenatal death was not considered as this is a post-birth study
 - One author consults for GSK and Sanofi Pasteur, vaccine companies
490. [WOLFE 2002](#)
Antivaccinationists past and present
- The “anti-vaccination” movement began after the introduction of the smallpox vaccination and the British Vaccination Act of 1840 and has continued ever since. This is an interesting short history
491. [WONG 2016](#)
Relationship between all fevers or fever after vaccination, and atopy and atopic disorders at 18 and 36 months
- Fever after vaccines decreased odds of eczema but increased asthma and rhinitis
492. [WOODS 2019](#)
An observer blinded, randomized, placebo-controlled, phase I dose escalation trial to evaluate the safety and immunogenicity of an inactivated West Nile Virus vaccine, HydroVax-001 in healthy adults
- This was a Phase 1 study. Very small – only 20 in each group, and 5 in each placebo group. The placebo was saline
 - **NOTE:** With the placebo group so much smaller than the vaccine groups, a smaller number of side effects was a larger percentage of the group
 - HydroVax contained aluminum adjuvant
 - **NOTE:** This being a Phase I small study, no “rare” side effects were likely to be discovered
- Different doses seroconverted 31% - 75% (more after the second shot) with side effects collected for 14 days after each shot.
- 66% of subjects (including those getting the placebo) reported side effects
 - **NOTE:** Shots were given by a NON-blinded nurse
 - Some authors were employed by Najit (which has a commercial interest in the vaccine). Some were paid by Merck, Novartis, Novavax, Pfizer, CSL, GSK, Predigen, Abbott, Becton, and more

493. [WYSOCKI 2015](#)
Immunogenicity and safety of a 13-valent pneumococcal conjugate vaccine administered to older infants and children naïve to pneumococcal vaccination
- vaccine. catch-up schedules, adverse effects
494. [XU 2019](#)
Use of three summary measures of pediatric vaccination for studying the safety of the childhood immunization schedule
- The authors used simulation risk factors to calculate safety
 - The [Vaccine Safety Datalink](#) is the best resource for research
 - If using risk factors together, authors say it may look like too much risk (!!), so they recommend separating them and determining each separately
495. [YANG 2003](#)
Circulation of Endemic Type 2 Vaccine-Derived Poliovirus in Egypt from 1983 to 1993
- related to Sabin type 2 oral poliovirus vaccine
 - *conclusion*: "In the meantime, universally high rates of polio vaccine coverage must be maintained at least until implementation of the WHO endgame strategy"
 - Japan. Egypt.
496. [YANG 2017](#)
Sudden infant death syndrome, attention-deficit/hyperactivity disorder and vaccines. Longitudinal population analysis
- The authors say that vaccines are not associated with SIDS nor ADHD
 - Rates were compared to uptake rates of vaccines as they varied by year and state
 - **NOTE**: For ADHD, they only considered the vaccines given before kindergarten – ignoring both earlier vaccines and later diagnoses
 - Funding not reported
 - One of the authors is a consultant for Pfizer

497. [YAZBAK 2002](#)
Postpartum live virus vaccination: lessons from veterinary medicine
- virus from live vaccines is secreted in breast milk
498. [YAZBAK 2002](#)
Live virus vaccination near a pregnancy: flawed policies, tragic results
- Autism
499. [YIH 2016](#)
Evaluation of the risk of venous thromboembolism (*blood clots, or VTE*) after quadrivalent human papillomavirus (HPV) vaccination among US females
- No control group
 - There was a “control interval” after the shot, meaning that the symptoms had to occur within that window or they would not be counted
 - Of 279 VTE, 97 were ruled out for “miscoding” (?) and another 66 were ruled out for no reason given
 - 12 got their VTE after the time allowed, so they weren’t counted
 - Conclusion: “No increased risk.”
 - Authors were funded and/or employed by the FDA and the HPV vaccine manufacturer
500. [YONEDA 2016](#)
Acute disseminated encephalo-myelitis following immunization with Human Papillomavirus vaccines (HPV)
- Editorial. Adverse effects reported in Japan include pain, movement disorders, psychosis, fatigue, ataxia, encephalitis, etc.
 - No conflict of interest

501. [YONEYAMA 2000](#)

The effect of DTP and BCG vaccinations on atopic disorders

- Abstract only – paper is in Japanese
- This is a study of all 0-3 year olds, first graders and junior high freshmen on Kodushima
- BCG may prevent atopy for some years, but DTP greatly increases asthma (10x), eczema (8x), etc.
- Here is a graph made from the results of DTP on the children of this island

	<u>Vaccinated Children</u>	<u>Unvaccinated Children</u>
Asthma	25.6%	2.3%
Atopic Dermatitis	18.0%	2.3%
Asthma, Rhinitis, or Dermatitis	56.4%	9.3%

502. [YOUNG 2008](#)

Thimerosal exposure in infants and neurodevelopmental disorders: An assessment of computerized medical records in the Vaccine Safety Datalink

- The Vaccine Safety Datalink showed a “consistent significantly increased rate” for autism, tics, ADHD, etc. to exposure to mercury-containing vaccines
- Funded by National Vaccine Injury Compensation Program
- Authors have been expert witnesses at NVICP

503. [ZAFACK 2019](#)

Rate of recurrence of adverse events following immunization. Results of 19 years of surveillance in Quebec, Canada

- 78% of patients who had an adverse event after the first vaccine got more vaccines
- 41% got equally bad reactions upon revaccination
- 18% got worse reactions
- Funded by Ministry of Health & Social Services of Quebec
- Authors received grants from GSK, Pfizer

504. [ZERBO 2016](#)

Kaiser Permanente Northern California pregnancy database description and proof of concept study

- Pregnancies with live and full-term births only were to be included. They expect to use this database to monitor vaccine safety
- **NOTE:** Abortions or preterm births related to vaccines in pregnancy will be totally missed
- Funded by US Dept of Health
- Two authors received support from Sanofi Pasteur, Novartis, GSK, Merck, Medimmune (Astra-Zenica), Pfizer and Protein Sciences

505. [ZERBO 2017a](#)

No association between influenza vaccination during pregnancy and adverse birth outcomes

- The flu vaccine given in pregnancy is not related to birth problems of weight, breathing, NICU, etc.
- **NOTE:** If they used the database they set up (ZERBO 2016), then of course they will rarely see any birth problems
- Two authors got grant support from Sanofi Pasteur, Novartis, GSK, Merck, Medimmune (AstraZeneca), Pfizer, and Protein Sciences

506. [ZERBO 2017b](#)

Association between influenza infection and vaccination during pregnancy and risk of autism spectrum disorder

- There was no association between flu in pregnancy and autism
- There WAS an increase in risk when mothers got a flu shot in the first trimester
- The authors decided it was “chance” after adjusting for multiple comparisons
- See Letter to Editor by DONZELLI 2017
- See Letter to Editor by HOOKER 2017
- Funded by Kaiser. Grant support from GSK, Sanofi Pasteur, Merck, Pfizer, Protein Science, Medimmune, Novartis

507. [ZERBO 2017 \(replies\)](#)

Reply to Letters to the Editor re the above paper

- Letter to the Editor. He agreed that the trimesters of pregnancy are not independent, but defended his stats and said there is not enough evidence of risk to change the vaccine guidelines

508. [ZHU 2016](#)

Review: Rabies Control and Treatment: From Prophylaxis to Strategies with Curative Potential

- trying to find better vaccines and cure