STUDIES FROM MEDLINE ON COLOSTRUM
If a username / password is requested, use "private / papers"
Last Update: February 28, 2021

AUTHOR	STUDY NAME	COMMENTS
BAGWE 2015	Bovine colostrum: an emerging nutraceutical	This paper discusses ingredients & benefits of colostrum as a "promising neutraceutical." (pharmacy college in India)
BELCARO 2010 (Cesarone)	Prevention of flu episodes with colostrum & Bifivir compared with vaccination: an epidemiological, registry study. (ABSTRACT)	Comparing 4 groups: no prevention, flu vaccine, vaccine + immunomodulators (colostrum + bifivir), and immunomodulators only. **Immunomodulators were more effective than the flu shots.**
BISWAS 2007	Immunomodulatory effects of bovine colostrum in human peripheral blood mononuclear cells.	Colostrum promotes TH1 immunity. It can be an inexpensive prevention & treatment of flu & other diseases.
CESARONE 2007	Prevention of influenza episodes with colostrum compared with vaccination in healthy and high-risk cardiovascular subjects: epidemio-logic study in San Valentino	This study actually compared 4 groups: flu shots with & without colostrum, colostrum alone, and no treatment. The colostrum did best - 3 x better than flu shot alone - even for high risk people.
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 that when she makes colostrum she will be a "factory" for making the specific antibody.
HERNANDEZ-CASTELLANO 2014	The colostrum proteome, ruminant nutrition & immunity: A review	Description of colostrum contents & uses in various animals, as well as colostrum associated immunology.
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: Is this a warning to be wary of what we vaccinate human mothers for?
LARCOMBE 2019	Hyperimmune bovine colostrum reduces gastrointestinal carriage of uropathogenic Escherichia coli	Antibiotic doesn't prevent recurrent UTI, & 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
LAWTON 1977	Protective factors in human breast milk & colostrum	Letter to Editor: Not only colostrum but also breast milk is protective. It prevents diarrhea & death.
NG 2010	Prevention & treatment of influenza with hyperimmune bovine colostrum antibody	Colostrum could be available commercially to replace antiviral drugs & prevent/control the flu. (#46) Funded by Immuron and Natl Health & Med.Research Council, Australia. Author works for Immuron which holds the patent.

STUDIES FROM MEDLINE ON COLOSTRUM
If a username / password is requested, use "private / papers"
Last Update: February 28, 2021

AUTHOR	STUDY NAME	COMMENTS
SHORTRIDGE 1970	Influenza virus haemagglutination inhibitor in human colostrum: Its secretion, possible structure and origin	Human colostrum contains an influenza inhibitor which increases so much right before birth that imminent labor can be determined by measuring it.
SHORTRIDGE 1976	Influenza virus inhibitor secretion in the colostrum of postmature Chinese women (Abstract)	A flu inhibitor appears in human colostrum just before or during the time a woman gives birth - both in natural and induced births.
SHORTRIDGE 1977	Colostrum as a source of togavirus inhibitors	Human colostrum contains virus inhibitors for influenzas, adenoviruses, dengue virus (in Hawaii), and a whole lot more. In several countries, the rise in mortality coincides with the decline of breastfeeding
SHORTRIDGE 1990	Protective potential of colostrum and early milk against prospective influenza viruses	Colostrum is protective against flu & other diseases; the virus neutralizing activity is in the cream layer of colostrum & early milk. (Hong Kong)
UCHIDA 2012	Augmentation of cellular immunity and protection against influenza virus infection by bovine late colostrum in mice	Mice were given saline or bovine colostrum got 3 weeks and then infected with flu. The colostrum mice were much less sick. They had systemic & lung immunity. Authors work for Kobayashi Pharm & Shintu U, Japan.
URUAKPA 2002	Colostrum and its benefits: A review	Bovine colostrum can treat or prevent GI and other infections, including wounds. It protects against viruses (e.g., polio, flu & herpes), and bacteria (e.g., E. coli, salmonella, strep)
WONG 2014	Bovine colostrum enhances natural killer cell activity & immune response in a mouse model of influenza infection & mediates intestinal immunity through toll-like receptors 2 and 4.	Colostrum from cows were given to mice who were then given the flu Controls got water or nonfat milk. Colostrum-eating mice got less sick, for less time. (#45) Funded by LaBelle (the colostrum company)
XU, ML 2013	The effect of dietary intake of the acidic protein fraction of bovine colostrum on influenza A (H1N1) virus infection	Double blind placebo (saline) control study on mice. 33% of the placebo mice survived the flu, but 100% of the mice getting colostrum survived. Colostrum reduced symptoms of flu. (Korea)