FOOD AND THE METHOD OF EXTRACTING THE SAME FROM COLOSTRUM AND MILK

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ABSTRACT
This invention provides a new and useful food factor for use as a nutritional supplement for animals, which product comprises whey obtained from colostrum and milk as it comes from selected cows or other ungulates, and containing an active fraction having a molecular weight on the order of 1200 or less.

6 Claims, No Drawings
ABSTRACT

Antigen specific excreted transfer factor may be obtained by collecting material, e.g. colostrum or milk, secreted by the mammary gland of a suitable lactating mammal, e.g. a cow having immunity to the antigen under suitable conditions such that materials which interfere with transfer factor efficacy are removed so as to obtain transfer factor. Colostrum or milk so collected may be used directly, typically after sterilization, or may be treated to further concentrate and/or purify transfer factor. Treatment to yield colostral whey containing transfer factor is presently the preferred method for obtaining transfer factor for use in conferring immunity against diseases associated with antigens for which the transfer factor is specific. Cell-associated transfer factor specific for an antigen may also be obtained by incubation release from, or lysis of, cells obtained from the collected material. An alternative method for obtaining transfer factor is to recover it from the mammary tissue of a suitable lactating mammal. The transfer factor may be used in edible compositions and in pharmaceutical or veterinary compositions and in methods for conferring immunity in a human or lower animal to a disease associated with the antigen. The transfer factor may then be used to prevent or treat the disease.

28 Claims, No Drawings