

Special Issue

Pharmaceutical Applications of Lactoferrin

Message from the Guest Editors

Lactoferrin is a glycoprotein capable of binding and transferring iron ions with multiple beneficial properties. It is found in significant amounts in colostrum and in smaller quantities in milk late in lactation. It can also be detected in bodily fluids such as tears, saliva and bile. Lactoferrin's antibacterial, antiviral and antifungal properties are widely known, but its ability to modulate the action of the immune system, modify gene expression and protect DNA damage is now also emphasized. There are emerging scientific reports indicating its potential use in the treatment of a wide variety of conditions such as aging-related neurodegenerative diseases, cancer, and even obesity or stress-related emotional disorders. In this Special Issue, our goal is to present the role of lactoferrin in the prevention and support of therapy for various human diseases. We would like to present the opinions of experts in clinical, preclinical, and experimental studies in order to expand the knowledge on this topic and allow the development of new guidelines for prophylaxis or new therapeutic procedures using this versatile molecule. Both original articles and review contributions are welcome.

Guest Editors

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Editor-in-Chief

Prof. Dr. Amélia Pilar Rauter

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