Special Issue

Separation Techniques for Dairy Analysis

Message from the Guest Editor

Among major foods, milk plays a peculiar role due to its extraordinary complexity. As a matter of fact, proteins are dispersed and globules of lipids are emulsified in an aqueous solution containing saccharides, and organic and inorganic salts. Since each of these classes is represented by hundreds (or sometimes thousands) of individual chemical species, separation techniques have always played a crucial role in the analysis of milk and dairy foods. Nowadays, modern analytical chemistry has to fulfil exciting and urgent challenges regarding a number of frontier aspects regarding quality and safety. Hence, this Special Issue of Separations is mainly focused on reporting the most recent and performing separation methods of all classes of compounds of milk and dairy products. A particular emphasis will be devoted to reporting on the assessment of fully-validated methods, able to couple high sensitivity and accuracy to significant savings of time and cost.

Guest Editor

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Message from the Editor-in-Chief

Separations offers the scientific community a high-quality, open-access journal option with rapid time-to-publication without any sacrifice of a rigorous peer-review process. We invite contributions ranging from fundamental characterization and instrumentation development through application of techniques to shed light on a broad spectrum of separation science needs. Since inception, *Separations*, has become unique in its combination of rapid publication and thorough scientific content. We invite you to consider us for your next contribution.

Editor-in-Chief

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