

## Special Issue

# Emerging Technologies in Food Science: Advances in Micro-Encapsulation

### Message from the Guest Editor

There is currently a great deal of interest in the development of functional foods with added value related to health promotion or disease prevention. This process often requires the addition of ingredients to the matrix, which causes technological challenges. One of the technologies in the microscale is microencapsulation, which creates a barrier between the core and the coating material to prevent chemical and physical changes. The basic substances that form the core of microencapsulation are ingredients such as flavors, sweeteners, dyes, or vitamins. Encapsulation can be used to maintain the proper physicochemical properties of molecules, as well as their biological activity. This helps to overcome the problems with core substance stability or designing the controlled release of bioactive compounds. This Special Issue will be dedicated to expressing the ground-breaking research in microencapsulation in food technology. Subjects that will be discussed in this Special Issue will be concentrated on but not limited to techniques of microencapsulation, properties of microcapsules, and the stability and controlled release of core materials.

### Guest Editor

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### Deadline for manuscript submissions

closed (31 March 2022)



## Applied Sciences

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### Message from the Editor-in-Chief

As the world of science becomes ever more specialized, researchers may lose themselves in the deep forest of the ever increasing number of subfields being created. This open access journal Applied Sciences has been started to link these subfields, so researchers can cut through the forest and see the surrounding, or quite distant fields and subfields to help develop his/her own research even further with the aid of this multi-dimensional network.

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### Editor-in-Chief

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