

Special Issue

Biosensors and Smart Analytical Systems in Food Quality and Safety: Status and Perspectives

Message from the Guest Editors

Foodborne diseases are currently a serious concern that affect 600 million people worldwide. The demand for developing accurate, simple, rapid, low-cost and ideally portable analytical systems that can make point-of-care analyses is constantly growing. Biosensors are an alternative to conventional methods, and their way of functioning also takes most of the advantages of green chemistry. Similarly to biosensors, smart analytical systems that use miniaturized spectrometric instrumentation have made significant advances in the last years, offering nowadays significant advantages in terms of mobility, price, size or weight. One of the main advantages of biosensors and smart analytical systems is their portability, what makes them ideal tools in the monitoring and control of food quality and safety, for instance in foodborne outbreaks where a rapid detection in situ is required to control the emergence. This Special Issue is a great opportunity for colleagues working with biosensors and smart analytical systems assessing the quality or safety in foods. Submission of original research articles and reviews are encouraged.

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About the Journal

Message from the Editor-in-Chief

Foods (ISSN 2304-8158) is an open access and peer reviewed scientific journal that publishes original articles, critical reviews, case reports, and short communications on food science. Articles are released monthly online, with unlimited free access. Currently, *Foods* has been indexed by the Science Citation Index Expanded (SCIE - Web of Science), PubMed, and Scopus. Our aim is to encourage scientists, researchers, and other food professionals to publish their experimental and theoretical results as much detail as possible. We therefore invite you to be one of our authors, and in doing so share your important research findings with the global food science community.

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