

Special Issue

Nanotechnology for Sensing, Medical and Environmental Application

Message from the Guest Editors

The special issue is focused on smart (active, adaptive, stimuli-responsive) nanomaterials used in chemosensors, which can be applied in several fields, namely biomedical, cosmetic, electronic as well as in agriculture and the food sector. The examples include, but are not limited to the following areas of application:

- In medicine: nanocarriers, nanoencapsulates, disease prevention, therapy, non-invasive and point-of-care diagnosis, etc.
- In cosmetics: stimuli-responsive nanocapsules designed to enclose a cosmetic ingredient able to treat different skin conditions
- In food sector and food packaging: nanomaterials to prevent nutrients or other molecules from breaking down in the body and to allow a slow release at a target specific location, real time food quality and food safety monitoring or remediation, etc.
- In agriculture: nanomaterials for targeted release and delivery of water, nutrients, agrochemicals and antimicrobials to crops, for real-time detection and monitoring of plant pathogens and stress conditions, etc.

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Message from the Editorial Board

Chemosensors continues to grow as a forum for all manners of sensing that encompass chemistry. *Chemosensors* is published in open access format – all articles and content are released on the internet immediately following acceptance, thus allowing unlimited access to the content as soon as it is published. We would be happy to have you join our growing list of authors.

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