







an Open Access Journal by MDPI

# **Food Allergen Analysis with Mass Spectrometry**

Guest Editor:

#### Dr. Avinash V. Karpe

Agriculture and Food, Commonwealth Scientific and Industrial Research Organisation (CSIRO), Black Mountain Science and Innovation Park, Canberra, ACT 2601, Australia

Deadline for manuscript submissions:

closed (31 October 2023)

### Message from the Guest Editor

Dear Colleagues,

Food allergies are abnormal immune responses that after exposure of certain allergenic proteins from foods. At the current stage, the common method for humans to avoid food allergies is to avoid the comsumption of allergenic proteins. Chemical approaches, such like electrochemical biosensors, mass spectrometries and other analytical methods are widely used in this area. Relying on its high accuracy, great sensitivity and versatility, as well as reliable qualitative and quantitative ability, mass-spectrometry-related technology is exceptionally suitable for biomedical and food analysis.

The present Special Issue will gather works covering the latest research progress of food allergen analysis with mass spectrometry. Submissions of both original research articles and review articles are welcomed.

Dr. Avinash V. Karpe Guest Editor













an Open Access Journal by MDPI

#### **Editor-in-Chief**

### Prof. Dr. Thomas J. Schmidt Institute of Pharmaceutical Biology and Phytochemistry, University of Münster, Corrensstrasse 48, D-48149 Münster, Germany

## **Message from the Editor-in-Chief**

As the premier open access journal dedicated to experimental organic chemistry, and now in its 25th year of publication, the papers published in *Molecules* span from classical synthetic methodology to natural product isolation and characterization, as well as physicochemical studies and the applications of these molecules as pharmaceuticals, catalysts and novel materials. Pushing the boundaries of the discipline, we invite papers on multidisciplinary topics bridging biochemistry, biophysics and materials science, as well as timely reviews and topical issues on cutting edge fields in all these areas.

#### **Author Benefits**

**Open Access:** free for readers, with article processing charges (APC) paid by authors or their institutions.

**High Visibility:** indexed within Scopus, SCIE (Web of Science), PubMed, MEDLINE, PMC, Reaxys, CaPlus / SciFinder, MarinLit, AGRIS, and other databases.

**Journal Rank:** JCR - Q2 (Chemistry, Multidisciplinary) / CiteScore - Q1 (Chemistry (miscellaneous))

#### **Contact Us**