

Dear colleagues,

As you may remember, participants of ICFC2019 conference as well as all interested scientists (including those that did not participated at ICFC2019 but are interested in this topic) are **cordially invited to contribute with a full manuscript to the Special Issue “VSI: Challenges on risk assessment”** on **Food Research International**. Food Research International has an Impact Factor of 3.520 (2018). Please take a look at the information below on instructions to submission and the special issue:

#### **Instructions for submission:**

- The submission website for this journal is located at:  
<https://ees.elsevier.com/frin/default.asp>
- To ensure that all manuscripts are correctly identified for inclusion into the special issue you are editing, it is important that authors select **“VSI: Challenges on Risk Assessment”** when they reach the “Article Type” step in the submission process.

#### **Special Issue – “Food Safety & Risk Assessment”**

Food can never be entirely safe. The presence of microbial or chemical contaminants or undesirable substances in food is often unavoidable as they may occur ubiquitously or are of natural origin. Therefore, human exposure to such food components is also unavoidable.

The food risk assessment is a crucial tool to protect consumers' health. Food risk assessment relies on the integration of the human exposure to these food components via food and their potential to cause adverse health effects. Considering the chemicals, human exposure is a key element in the risk assessment of food contaminants. The approach taken until recently to assess human exposure to chemicals focused on one chemical and one exposure route at a time.

Nevertheless, it is increasingly recognized that humans and animals are exposed to numerous chemicals in a daily basis, as a result of exposure to components present in food, water, air, dust, and/or soil. Over the last decade, modern methodologies and tools including in vitro systems, physiologically-based models, in silico tools and OMICs technologies at the level of DNA/RNA (transcriptomics), proteins (proteomics) and the whole metabolome (metabolomics) have been developed and applied to incorporate new information into risk assessment frameworks.

Notwithstanding foods could be contaminated by chemical and microbiological agents, they are also an incontestable and important source of benefits to consumers' health. The balance between risks and benefits is of interest to authorities from food-related areas to develop food policy and consumer advice, to businesses developing new food products, and to consumers considering dietary changes.

We look forward to receiving your contributions for this Special Issue, in the form of original research or review papers which will shed light into the current and future challenges of food risk assessment, highlighting important aspects answering the needs from different stakeholders including academia, industry, regulatory agencies and consumers, improving food safety and promoting public health.

### Submission guidelines:

The journal's Guide for Authors on how to prepare a paper is available at <http://www.elsevier.com/locate/foodres> . Papers must be submitted electronically via the Elsevier Editorial System (EES) site for the Journal at <http://ees.elsevier.com/foodres> - beginning of **October 21<sup>st</sup>, 2019**.

To ensure that all manuscripts are correctly identified for inclusion into the special issue, it is important to select **"VSI: Challenges on Risk Assessment"** when you reach the "Article Type" step in the submission process.

### Guest Editors:

Any inquiries regarding the content of papers should be submitted to:

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### Timelines:

Submission of manuscript begins: 21 October 2019

Deadline for manuscript submission: 31 March 2020

Peer-review process: October 2019 – May 2020

The Guest editors are very grateful if you can also disseminate this information to your colleagues or interested people, institutional websites or other.

Please let me know if you intend to submit a manuscript and at least one author contact.

Kind regards,

On behalf of Guest Editors,

Paula Alvito,

Investigadora/Scientific Research

Departamento de Alimentação e Nutrição/Food and Nutrition Department



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