







an Open Access Journal by MDPI

### Resveratrol: From the Farm to the Clinic

Guest Editors:

### **Dr. Thomas Netticadan**

Canadian Centre for Agri-Food Research in Health and Medicine and Agriculture and Agri-Food Canada, Winnipeg, MB, Canada

### Dr. Jeffrey Wigle

- 1. Department of Biochemistry and Medical Genetics, University of Manitoba, Winnipeg, MB R3E 0J9. Canada
- 2. Institute of Cardiovascular Sciences, St. Boniface Hospital Albrechtsen Research Centre, Winnipeg, MB R2H 2A6, Canada

Deadline for manuscript submissions:

closed (31 December 2019)

# **Message from the Guest Editors**

Resveratrol is a polyphenol found in both edible plant sources such as grapes, peanuts and berries, and in medicinal plants such as polygonum cuspidatum and veratrum album. Resveratrol protects the plant against infections and environmental stresses. Research over the past two decades has also revealed that resveratrol can provide health benefits for animals and humans. In this Special Issue we would like to invite articles in areas such as the application of resveratrol in plant metabolic engineering for the nutritional improvement of food, and as a biopesticide. In addition, articles are invited on new findings on the impact of resveratrol and its analogues in animal and human health, and the underlying mechanisms of action of resveratrol.













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**