

Special Issue

Resveratrol: From the Farm to the Clinic

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.

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

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Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland
Tel: +41 61 683 77 34
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As the premier open access journal dedicated to molecular chemistry, now in its 30th 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 all major fields of molecular chemistry and multidisciplinary topics bridging chemistry with biology, physics, and materials science, as well as timely reviews and topical issues on cutting-edge fields in all of these areas.

Editor-in-Chief

Prof. Dr. Thomas J. Schmidt

Institute of Pharmaceutical Biology and Phytochemistry, University of Münster, Corrensstrasse 48, D-48149 Münster, Germany

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