

## Special Issue

# Potential Health Benefits of Resveratrol: Laboratory-Confirmed Mechanisms of Action

### Message from the Guest Editor

Resveratrol (3, 5, 4'-trihydroxystilbene; RSV) is a nonflavonoid polyphenol with a stilbene structure that naturally occurs as phytoalexin (an antimicrobial substance). RSV is found in larger amounts in grapes, peanuts, pistachios, plums, blueberries, cranberries, and cocoa fruits. The plants make RSV to fight fungal infection, ultraviolet radiation, stress, and injury. In the animal and human body, this translates into a number of health-promoting diverse biological activities such as strong antioxidant, anti-inflammatory, antiaging, antidiabetic, cardioprotective, neuroprotective, and anticancer properties. This *Special Issue* is dedicated to all aspects of the beneficial effects of RSV that have been confirmed in laboratory conditions and therefore constitute a rationale for further development and continuation of these studies in order to be implemented into clinical practice. When considering your submission, please keep in mind that *IJMS* is a journal of molecular science; therefore, the manuscript submitted for review should be of an appropriate "molecular" nature.

### Guest Editor

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### Deadline for manuscript submissions

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### Message from the Editor-in-Chief

The International Journal of Molecular Sciences (*IJMS*, ISSN 1422-0067) is an open access journal, which was established in 2000. The journal aims to provide a forum for scholarly research on a range of topics, including biochemistry, molecular and cell biology, molecular biophysics, molecular medicine, and all aspects of molecular research in chemistry. *IJMS* publishes both original research and review articles, and regularly publishes special issues to highlight advances at the cutting edge of research. We invite you to read recent articles published in *IJMS* and consider publishing your next paper with us.

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### Editor-in-Chief

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