Special Issue

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

Message from the Guest Editor

Resveratrol (3, 5, 4'\(\text{trihydroxystilbene: RSV}\) 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

Prof. Dr. Dariusz Szukiewicz

Department of Biophysics, Physiology and Pathophysiology, Faculty of Health Sciences, Medical University of Warsaw, Chalubinskiego 5 (4th Floor), 02-004 Warsaw, Poland

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International Journal of Molecular Sciences Editorial Office MDPI, Grosspeteranlage 5 4052 Basel, Switzerland Tel: +41 61 683 77 34 ijms@mdpi.com

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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.

Editor-in-Chief

Prof. Dr. Maurizio Battino

Department of Odontostomatologic and Specialized Clinical Sciences, Sez-Biochimica, Faculty of Medicine, Università Politecnica delle Marche, Via Ranieri 65, 60100 Ancona, Italy

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