Special Issue

Recent Advances in Computational Studies of Natural Products

Message from the Guest Editors

Quantum chemical calculations of natural products are rapidly developing in parallel with the growth of computing resources of leading research centers and universities around the world. We are currently witnessing an unprecedented progress in this field, and notable advances in computational approaches to elucidating the structure of these extremely important biologically active compounds are at the forefront of the modern chemical science. This special issue is devoted to the latest advances in the field of theoretical and stereochemical studies of natural products with paying special attention to the latest advances in the computational NMR results. For the publication in this issue, reviews, regular articles, and short communications are mostly welcome, the latter dealing with the stereochemical and conformational structure of different natural products, their structural elucidation including NMR computation and experiment. A particular emphasis of this issue is focused on the results that reveal the potential of a variety of modern computational protocols, which can be used for a structural survey of natural products.

Guest Editors

Prof. Dr. Leonid B. Krivdin

A. E. Favorsky Irkutsk Institute of Chemistry, Siberian Branch of the Russian Academy of Sciences, Favorsky St. 1, 664033 Irkutsk, Russia

Dr. Valentin Semenov

A. E. Favorsky Irkutsk Institute of Chemistry, Siberian Branch of the Russian Academy of Sciences, Favorsky St. 1, 664033 Irkutsk, Russia

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

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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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