Message from the Guest Editor

Dear Colleagues,

There has been a renewal of interest in controlling the “nano” structures/functions of biomolecules, and a considerable number of studies have been conducted on designing novel materials to meet these applications. Some special types of polymers have emerged as a very useful class of polymers and have their own special chemical properties and applications. These polymers are called “smart” polymers and have been studied for many years. The characteristic feature that makes them smart is their ability to respond to very slight changes in the surrounding environment, such as temperature, pH, light, or certain chemicals. The uniqueness of these materials lies, not only in the fast macroscopic changes occurring in their structure, but also in these transitions being reversible. The responses are manifested as changes in one or more of the following: Shape, surface characteristics, solubility, formation of an intricate molecular assembly, sol-to-gel transition, and others. This Special Issue focuses on how to design smart polymers and how to apply them to biomedical fields.

Dr. Mitsuhiro Ebara
Guest Editor
Editors-in-Chief

Prof. Dr. Charles Brennan
Prof. Dr. Andreas Taubert
Prof. Dr. Kurt A. Jellinger
Prof. Dr. Ian A. Nicholls
Dr. Stephen A. Bustin
Prof. Dr. Xiaofeng Jia
Prof. Dr. Maurizio Battino
Prof. Dr. Guido R.M.M. Haenen
Prof. Dr. Setsuko Komatsu
Prof. Dr. Claudiu T. Supuran
Prof. Dr. Irmgard Tegeder

Message from the Editorial Board

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.

Author Benefits

Open Access: free for readers, with article processing charges (APC) paid by authors or their institutions.

High visibility: indexed by the Science Citation Index Expanded (Web of Science), MEDLINE (PubMed), Scopus and other databases.

Rapid publication: manuscripts are peer-reviewed and a first decision provided to authors approximately 16.2 days after submission; acceptance to publication is undertaken in 2.5 days (median values for papers published in this journal in the second half of 2019).

Contact Us

International Journal of Molecular Sciences
MDPI, St. Alban-Anlage 66
4052 Basel, Switzerland

Tel: +41 61 683 77 34
Fax: +41 61 302 89 18
www.mdpi.com

ijms@mdpi.com
@IJMS_MDPI

mdpi.com/journal/ijms