



an Open Access Journal by MDPI

Sol-Gel Chemistry. From Molecule to Functional Materials

Guest Editors:

Prof. Dr. Ahmad Mehdi

Institut Charles Gerhardt
Montpellier, Montpellier, France

Prof. Dr. Sébastien Clément

Institut Charles Gerhardt,
Université de Montpellier,
Montpellier, France

Deadline for manuscript
submissions:

closed (31 March 2020)

Message from the Guest Editors

Dear Colleagues,

One of the main challenges in materials science is to find effective strategies to organize the matter in terms of properties: Chemical, physical, etc. In this respect, bottom up approaches based on the self-assembly of molecules at the nanometric scale to form larger structures need to be considered. In particular, the sol-gel process (called inorganic polymerization) has emerged as one of the most important routes for preparing organized materials. It is, thus, important for *Molecules* to dedicate a Special Issue to this process, since it is perfectly compatible with all kinds of chemistry. This Special Issue will contain contributions discussing all the aspects that are broadly indicated by the keywords. Reviews articles by experts in the field of sol-gel, organosilica, porous hybrid materials and self-assembly will be welcome.

Prof. Ahmad Mehdi
Dr. Sébastien Clément
Guest Editors



mdpi.com/si/12193

Special Issue



an Open Access Journal by MDPI

Editor-in-Chief

Prof. Dr. Thomas J. Schmidt

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

Message from the Editor-in-Chief

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.

Author Benefits

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

High Visibility: indexed within [Scopus](#), [SCIE \(Web of Science\)](#), [PubMed](#), [MEDLINE](#), [PMC](#), [Reaxys](#), [CaPlus / SciFinder](#), [MarinLit](#), [AGRIS](#), and [other databases](#).

Journal Rank: JCR - Q2 (Biochemistry and Molecular Biology) / CiteScore - Q1 (Organic Chemistry)

Contact Us

Molecules Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland

Tel: +41 61 683 77 34
www.mdpi.com

mdpi.com/journal/molecules
molecules@mdpi.com
[X@Molecules_MDPI](#)