



an Open Access Journal by MDPI

## Wet Adhesion: New Chemistries, Models and Translation to Materials

Guest Editors:

**Prof. Dr. Marco d'Ischia**

Department of Chemical  
Sciences, University of Naples  
Federico II, Via Cintia 4, I-80126  
Naples, Italy

**Dr. Julieta Paez**

Leibniz-Institut für Neue  
Materialien GmbH, Campus D2-2,  
D-66123 Saarbrücken, Germany

**Dr. habil. Alla Synytska**

Department Polymer Interfaces,  
Leibniz-Institut für  
Polymerforschung Dresden e.V.,  
Dresden, Germany

### Message from the Guest Editors

Dear Colleagues,

In this Special Issue, we aim to bring together contributions from different research groups working in the field of underwater adhesion, within a multidisciplinary approach that combines fundamental chemistry and physics, materials science, and engineering. We are interested in contributions that elucidate the mechanisms of bio-adhesion, extract its main design principles as guidelines for development of synthetic adhesive materials, and promote their application to solve current and emerging challenges in aqueous adhesion.

Deadline for manuscript  
submissions:

**closed (31 December 2019)**



[mdpi.com/si/26198](https://mdpi.com/si/26198)

# Special Issue



an Open Access Journal by MDPI

## 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

## 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.

## 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, PMC, MEDLINE, Embase, CAPlus / SciFinder, and other databases.

**Journal Rank:** JCR - Q1 (Biochemistry and Molecular Biology) / CiteScore - Q1 (Inorganic Chemistry)

## Contact Us

---

*International Journal of Molecular  
Sciences* Editorial Office  
MDPI, Grosspeteranlage 5  
4052 Basel, Switzerland

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

mdpi.com/journal/ijms  
ijms@mdpi.com  
X@IJMS\_MDPI