



an Open Access Journal by MDPI

Raft Microdomains and Cell Signaling

Guest Editor:

Message from the Guest Editor

Dr. Jean-Pierre Jaffrézou CNRS UMR5549, CerCo, TMBI,

CHU Purpan, Pavillon Baudot, 31059 Toulouse, France

Deadline for manuscript submissions: closed (30 June 2021) Dear Colleagues,

A model for membrane structure that describes the organization of the lipid microdomains as platforms (or rafts) is emerging as an important factor in a variety of cellular processes. Proteins can selectively be included or excluded from these microdomains, which can serve as relay stations in intracellular signaling. The main forces driving the formation of rafts are lipid–lipid interactions, dependent on the biophysical characteristics of the lipid components.

This Special Issue will discuss the recent advances in the field of raft microdomains, thereby contributing to our knowledge on how the selective inclusion or exclusion of key signaling molecules within raft microdomains play a role in signal transduction and many other cellular events.

Dr. Jean-Pierre Jaffrézou Guest Editor









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 & Molecular Biology*) / CiteScore - Q1 (*Inorganic Chemistry*)

Contact Us

International Journal of Molecular Sciences Editorial Office MDPI, St. Alban-Anlage 66 4052 Basel, Switzerland Tel: +41 61 683 77 34 www.mdpi.com mdpi.com/journal/ijms ijms@mdpi.com X@IJMS_MDPI