



Endoglin in Health and Disease

Guest Editors:

Dr. Lukas J.A.C. Hawinkels

Department of Gastroenterology-
Hepatology, Leiden University
Medical Center - LUMC, Leiden,
The Netherlands

L.J.A.C.Hawinkels@lumc.nl

Prof. Marie-José Goumans

Laboratory for cardiovascular
cell biology, Department of cell
and chemical biology, Leiden
University Medical Center - LUMC,
The Netherlands

M.J.T.H.Goumans@lumc.nl

Deadline for manuscript
submissions:

30 June 2021

Message from the Guest Editors

Dear Colleagues,

Endoglin is a co-receptor for members of the transforming growth factor (TGF)- β family, and is known for its crucial role during developmental- and tumor angiogenesis. Extensive work has shown the important roles endoglin plays in modulating the TGF- β signaling pathway. In cancer, endoglin is extensively studied in relation to tumor angiogenesis. High endoglin levels have been related to poorer prognoses for patients with solid tumors. Consequently, therapies that interfere with the function of endoglin have been developed and (clinically) evaluated. Besides the important role for endoglin in regulating angiogenesis, recent work also shows a more widespread role for endoglin beyond the endothelium. Endoglin expression is also reported on epithelial (cancer) cells, cancer-associated fibroblasts, smooth muscle cells in pathological conditions, and cells of the innate- and adaptive immune system. This Special Issue will bring together the most recent work on endoglin in regulating angiogenesis, but also on its role in non-endothelial cells and the potential of endoglin targeting as a new treatment option in various diseases.





an Open Access Journal by MDPI

Editor-in-Chief

Prof. Dr. Maurizio Battino

1. Department of
Odontostomatologic and
Specialized Clinical Sciences,
Sez-Biochimica, Faculty of
Medicine, Università Politecnica
delle Marche, Via Ranieri 65,
60100 Ancona, Italy
2. International Research Center
for Food Nutrition and Safety,
Jiangsu University, Zhenjiang
212013, China

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, CAPus / SciFinder, and many other databases.

Journal Rank: JCR - Q1 (*Biochemistry & Molecular Biology*) / 2020 CiteScore - Q1 (*Inorganic Chemistry*)

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

mdpi.com/journal/ijms
ijms@mdpi.com
@IJMS_MDPI