



TGF-Beta Super Family Signaling 2.0

Guest Editors:

Dr. Jun-ichi Hanai

Department of Medicine,
Massachusetts General Hospital,
Center for Cancer Research,
Harvard Medical School, Boston,
MA 02215, USA

Dr. Noriko Ide

1. Division of Bone and Mineral
Research, Department of Oral
Medicine, Infection, and
Immunity, Harvard School of
Dental Medicine, Boston, USA
2. Division of Nephrology,
Department of Internal Medicine,
Saga University Faculty of
Medicine, Saga, Japan

Deadline for manuscript
submissions:

closed (31 January 2020)

Message from the Guest Editors

Dear Colleagues,

The goal of this Special Issue is to broaden the molecular understanding of the key roles of TGF-beta superfamily members, including TGF-betas, nodal, activins, BMPs, and GDFs in pathophysiological processes. The mechanisms of aberrations in this signaling pathway, which lead to human disease pathologies, will be especially highlighted.

Topics will include (but are not limited to) cancer biology, stem cell biology, cellular plasticity, inflammation, immune surveillance escape, stress response, tissue fibrosis, vasculature and tissue transformation (EndMT/EMT), tissue microenvironment dynamics, and therapeutic frontiers of TGF-beta signaling.

Up-to-date review articles and experimental papers are all welcome. We look forward to your contributions.

Dr. Hanai Jun-ichi

Dr. Noriko Ide

Guest Editors





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