



an Open Access Journal by MDPI

Mechanisms of Olfactory and Gustatory Sense and Their Regeneration

Guest Editors:

Dr. Sachiko Koyama

Department of Chemistry, Indiana University, Bloomington, IN 47405, USA

Prof. Dr. Thomas Heinbockel

Department of Anatomy, College of Medicine, Howard University, Washington, DC 20059, USA

Prof. Dr. Kenji Kondo

Department of Otolaryngology Head and Neck Surgery, Graduate School of Medicine, The University of Tokyo, Tokyo, Japan

Deadline for manuscript submissions: closed (30 November 2022)

Message from the Guest Editors

Although the neuroscience and molecular biology of olfactory and gustatory sense have made an enormous progress during the last 30 years, there are still many venues that have not been visited yet. We also have not determined the causations of the loss of the sense of smell (anosmia) and taste (ageusia). Many people who experience dysfunction of their senses also often experience anxiety, and dysfunction in their senses often accompanies sensing the odors/tastes that do not exist (phantosmia/phantogeusia) or sensed distorted (parosmia/parageusia). In this Special Issue "Mechanisms of Olfactory and Gustatory Sense and Their Regeneration", original research articles, research invite we communications, and comprehensive reviews on olfaction, gustation, and flavor in relation to health and disease. We also invite contributions on the molecular mechanisms of the distortion of these senses and the impact on health. This Special Issue aims at providing insights into a range of issues related to our chemical senses and will capture the exciting developments in the field.









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