Special Issue

Disorders of Cholesterol Homeostasis

Message from the Guest Editors

Cholesterol plays a key role in numerous cellular process and perturbations in synthesis, uptake, trafficking, and metabolism, resulting in a myriad of behavioral, developmental, endocrine, and neurodegenerative defects. Multiple genetic disorders have been identified, each caused by mutations in different enzymatic steps within the cholesterol synthesis pathway, while others have been identified in the trafficking of cholesterol such as NPC and Tangier disease. The associated disorders are often thought of as discrete disorders, with their own clinical signature and yet studies have begun to unravel hints of underlying mechanisms, such as reduced levels of cholesterol in multiple disorders resulting in changes to the morphogen and sonic in early developmental stages leading to the convergences of some clinical features

Guest Editors

Dr. Kevin R. Francis

Sanford Research, Cellular Therapies and Stem Cell Biology Group, Sioux Falls, SD, USA

Dr. Christopher A. Wassif

National Institute of Child Health and Human Development (NICHD), Bethesda, MD, USA

Deadline for manuscript submissions

closed (31 May 2023)

International Journal of Molecular Sciences

an Open Access Journal by MDPI

Impact Factor 4.9
CiteScore 10.0
Indexed in PubMed

mdpi.com/si/74378

International Journal of Molecular Sciences
Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland
Tel: +41 61 683 77 34
ijms@mdpi.com

mdpi.com/journal/ijms

MDPI

International Journal of Molecular Sciences

an Open Access Journal by MDPI

Impact Factor 4.9
CiteScore 10.0
Indexed in PubMed

mdpi.com/journal/ijms

MDPI

About the Journal

Message from the Editor-in-Chief

The *International Journal of Molecular Sciences* (*IJMS*) 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, and molecular biophysics. *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.

Editor-in-Chief

Prof. Dr. José L. Quiles
Department of Physiology, Institute of Nutrition and Food Technology "Jose Mataix", Biomedical Research Center, University of Granada, Avda. Conocimiento s/n, 18100 Armilla, Granada, Spain

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)