Special Issue

Golgi Apparatus Dysfunction in Disease

Message from the Guest Editor

The Golgi apparatus is essential to maintain cellular homeostasis, playing a fundamental role in the modification, package, and transport of proteins and lipids towards their specific targets.

The dynamic structure and functional integrity of the Golgi is determined and finely regulated by the orchestrated contribution of microtubule and actin cytoskeletons, golgins, and Golgi stacking proteins among others.
Mutations in genes encoding Golgi resident proteins cause genetic diseases that result in membrane trafficking defects. In addition, Golgi ribbon fragmentation is observed in cancer, infectious, and neurodegenerative diseases.
However, it is not fully understood how impaired Golgi architecture affects its function or whether it is a cause or consequence of disease progression.

This Special Issue will focus on Golgi dysfunction in disease and will collect original research articles and reviews that expand our basic knowledge of the Golgi apparatus.

Guest Editor

Dr. Francisco Lázaro-Diéguez
Department of Developmental and Molecular Biology, Albert Einstein College of Medicine, Bronx, NY 10461, USA

Deadline for manuscript submissions

closed (28 February 2023)

Cells

an Open Access Journal by MDPI

Impact Factor 5.2
CiteScore 10.5
Indexed in PubMed

mdpi.com/si/93566

Cells
Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland
Tel: +41 61 683 77 34
cells@mdpi.com

mdpi.com/journal/cells

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Message from the Editorial Board

Cells has become a solid international scientific journal that is now indexed on SCIE and in other databases. We have successfully introduced a special issues format so that these issues serve as mini-forums in specific areas of cell science. *Cells* encourages researchers to suggest new special issues, serve as special issues editors, and volunteer to be reviewers. Our main focus will remain on cell anatomy and physiology, the structure and function of organelles, cell adhesion and motility, and the regulation of intracellular signaling, growth, differentiation, and aging. We are open to both original research papers and reviews.

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