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Golgi Apparatus Dysfunction in Disease

Guest Editor:

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Deadline for manuscript submissions:
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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.

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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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