

## Special Issue

# Redox-dependent ER processes

### Message from the Guest Editor

Since the discovery of its oxidizing environment, much attention has been dedicated to understanding the redox-dependent processes taking place in the ER. In spite of this, the mechanisms of redox regulation are still not entirely elucidated, and the functions have been characterized for only a handful of the about 20 oxidoreductases involved in disulfide oxidation, reduction and isomerization during protein folding in the ER. Recently identified functions include regulation of ER folding and quality control machineries. This Special Issue seeks reviews and original papers covering a wide range of topics related to redox-dependent ER processes, such as redox dynamics and maintenance, and thioredoxin-like protein involvement in protein folding and other mechanisms in the ER.

### Guest Editor

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### Deadline for manuscript submissions

closed (31 December 2020)



## 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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