

## Topical Collection

# Glucocorticoid-Induced Proteins Annexin A1 and GILZ in Inflammation

### Message from the Collection Editors

Glucocorticoids (GCs) are endogenous hormones that are critical for organism homeostasis and adaptation to environmental conditions. Because of their anti-inflammatory actions, synthetic GCs are extensively used in clinical practice to treat several inflammatory conditions, representing the first successful use of an endogenous molecule for therapeutic purposes. However, long-term use is limited by the development of serious adverse effects, and administration is discouraged in infectious settings, as the immunosuppressive actions of GC's may favor pathogen propagation. Glucocorticoid-induced leucine zipper (GILZ) and Annexin A1 (AnxA1) are GC-induced proteins intrinsically involved with the anti-inflammatory functions of GCs without the associated adverse metabolic effects. This Special Issue of *Cells* welcomes original articles and reviews covering the broad spectrum of processes in which GC-induced proteins are involved, both in health and disease.

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### Collection Editors

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## Cells

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## About the Journal

### 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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#### Journal Rank:

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manuscripts are peer-reviewed and a first decision is provided to authors approximately 16 days after submission; acceptance to publication is undertaken in 2.7 days (median values for papers published in this journal in the first half of 2025).