

## Special Issue

# Sebaceous Gland in Skin Health and Disease

### Message from the Guest Editors

The sebaceous gland (SG) has long been regarded as a living fossil in the skin, and its activity has, therefore, been underestimated. Over time, however, the discovery of the multitude of receptors expressed by sebocytes has widened our understanding of the SG's activities. In addition to the skin protection function that it performs through sebum production and excretion, the SG has metabolic, neuroendocrine, and immunological functions, revealing the key role of the SG in skin health and integrity, as well as in skin diseases. The knowledge acquired so far has meant that further exploration and understanding of the SG have become the focus of scientific discussions in dermatology. This Special Issue will examine the SG's participation in skin homeostasis, inflammatory processes, and pathophysiological mechanisms; the factors affecting sebocyte function; the sebaceous lipid alterations involved in skin disorders; the pathological or therapeutic implication of SG activity and sebum composition changes; and the identification of possible SG-related biomarkers useful in the prevention, diagnosis, and treatment of inflammatory skin diseases.

### Guest Editors

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### Deadline for manuscript submissions

30 September 2025



## Cells

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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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