# Special Issue

# The Role of Metabotropic Glutamate Receptors in Health and Disease

## Message from the Guest Editors

Thirty years ago, Shigetada Nakanishi group at Kyoto University identified the molecular structure of metabotropic glutamate (mGlu) receptors by cloning the first of this receptor family (mGlu1), which followed the discovery, a lustrum before, that glutamate could activate receptors coupled to G proteins, a finding made independently by the group of Joel Bockaert in Montpellier and the one of Erminio Costa in Washington. A lot of pharmacological agents modulating the activity of mGlu receptors have also been developed. Several clinical studies have further explored the efficacy of drugs acting on mGlu receptors as disease modifiers. And also have bolstered the relevance that mGlu receptors play in physiological processes and their potential as druggable candidates to cure diseases.

In this Special Issue, we invite you to improve our current knowledge of mGlu receptors by contributing original research articles on any aspect of their expression, function, and regulation in both health and disease. Stimulating reviews that critically appraise or provide new interpretations of the extant literature are also highly welcomed.

## Guest Editors

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## Deadline for manuscript submissions

closed (31 January 2023)

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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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