



New Insights into Metabotropic Glutamate Receptors

Guest Editor:

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Message from the Guest Editor

Metabotropic glutamate receptors were discovered 40 years ago (Sladeczek et al., *Nature*, 1985), and since the cloning of the first mGlu receptor subtype (Masu et al., *Nature*, 1991), they have attracted the interest of neuroscientists, with an impressive number (>11400) of research and review articles being published. Although mGlu receptors have been extensively studied in neurons, they are also present in astrocytes, oligodendrocytes, microglia, cells of peripheral organs, immune cells, and stem/progenitor cells. mGlu1 and mGlu3 receptors have been linked to the pathophysiology of malignant melanomas and malignant gliomas, respectively, and mGlu5 receptor blockade holds promise in the treatment of liver disorders. All this will be discussed at the 11th International Meeting on Metabotropic Glutamate Receptors (Taormina, Italy, October 5, 2024) and the Satellite Meeting (September 30, Taormina, Italy, 2024). This Meeting will be the launch platform for this Special Issue (SI), entitled "New Insights into Metabotropic Glutamate Receptors". This Special Issue aims to incorporate research articles, review articles, position papers, and viewpoints.





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