

Special Issue

The Melanocortin System: From Ligands to Receptors and Accessory Systems

Message from the Guest Editors

The melanocortin system is a critical, complex biological system of peptide hormones produced from the precursor protein proopiomelanocortin (POMC), 5 G-protein coupled receptors MC1R, MC2R, MC3R, MC4R and MC5R, plus complex downstream signaling pathways that modulate and control many important biological processes in all animal species, including humans. These include pigmentation, feeding behavior, sexual function, temperature control, and many others that are still being discovered as well as many diseases associated with these functions. Original manuscripts and reviews dealing with all aspects of this system including ligand design, biological activities, and mechanisms from a chemical, biological, physical, pharmacological, physiological, or medical perspective are welcome.

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Message from the Editorial Board

Biomolecules is a multidisciplinary open-access journal that reports on all aspects of research related to biogenic substances, from small molecules to complex polymers. We invite manuscripts of high scientific quality that pertain to the diverse aspects relevant to organic molecules, irrespective of the biological question or methodology. We aim for a competent, fair peer review and rapid publication. Please look at some of the exciting work that has been published in *Biomolecules* so far. We would be delighted to welcome you as one of our authors.

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