



The Melanocortin System: From Ligands to Receptors and Accessory Systems

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Deadline for manuscript submissions:

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Message from the Guest Editors

Dear Colleagues,

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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Guest Editors





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