

## Special Issue

# GPCRs: Structure, Biology and Potential Applications

### Message from the Guest Editor

The more than 800 human GPCRs impact almost all aspects of physiology and represent the largest family of drug targets. The recent revolution in the structural biology of GPCRs in complexes with agonists, antagonists, allosteric modulators, and intracellular signaling partners has been crucial in determining a general mechanism of GPCR activation and has provided structural frameworks for the rational design of pharmacological GPCR regulators. For this Special Issue, we would like to invite review articles by leading experts on the structure–function relationship of select GPCRs and GPCR subfamilies, GPCRs as therapeutics, and the coupling of GPCRs to G proteins, arrestins, and GRKs.

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### Guest Editor

Prof. Dr. Karsten Melcher

Center for Cancer and Cell Biology, Structural Biology Program, Van Andel Research Institute, 333 Bostwick Avenue Northeast, Grand Rapids, MI 49503, USA

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### Deadline for manuscript submissions

closed (15 April 2021)



## Biomolecules

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*Biomolecules*  
Editorial Office  
MDPI, Grosspeteranlage 5  
4052 Basel, Switzerland  
Tel: +41 61 683 77 34  
[biomolecules@mdpi.com](mailto:biomolecules@mdpi.com)

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*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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Department of Cellular and Molecular Medicine, Faculty of Health and Medical Sciences, University of Copenhagen, Blegdamsvej 3C, DK-2200 Copenhagen, Denmark

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Department of Computer Science, Virginia Commonwealth University, Richmond, VA 23284, USA

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