

## Special Issue

# Selected Papers from 7th RSC/SCI Symposium on GPCRs in Medicinal Chemistry

### Message from the Guest Editor

The 7th RSC/SCI Symposium on GPCRs in Medicinal Chemistry will be held in Verona, Italy, 10–12 September, 2018, and it will provide a unified communication platform for both academic and industrial researchers within the field of drug discovery topics on G protein-coupled receptors (GPCRs). The key role of GPCRs in human disease underpins their importance to modern medicine, and indeed the symposium joins together a number of pharmaceutical companies, as well as leading academic groups in the area, which will combine cutting edge medicinal chemistry with innovative structural biology and novel drug design approaches. Potential topics include, but are not limited to, the following:

- Structural biology of GPCRs
- Novel medicinal chemistry approaches in drug discovery of GPCR modulators
- Computational method and molecular simulations in hit identification and ligand design
- Pharmacological characterization of chemical modulators, including allosteric or biased ligands

Keywords: GPCRs, structure-based ligand design, allosteric modulation, biased signaling, computer-aided ligand design

---

### Guest Editor

Dr. Hugo Gutiérrez de Terán

Sweden and Science for Life Laboratory, Department of Cell and Molecular Biology, Uppsala University, SE-751 24 Uppsala, Sweden

---

### Deadline for manuscript submissions

closed (30 September 2019)



## Applied Sciences

---

an Open Access Journal  
by MDPI

---

Impact Factor 2.5  
CiteScore 5.3



[mdpi.com/si/18705](https://mdpi.com/si/18705)

*Applied Sciences*  
MDPI, Grosspeteranlage 5  
4052 Basel, Switzerland  
Tel: +41 61 683 77 34  
[appls@mdpi.com](mailto:appls@mdpi.com)

[mdpi.com/journal/  
appls](https://mdpi.com/journal/appls)





# Applied Sciences

---

an Open Access Journal  
by MDPI

---

Impact Factor 2.5  
CiteScore 5.3



[mdpi.com/journal/  
applsci](https://mdpi.com/journal/applsci)



## About the Journal

### Message from the Editor-in-Chief

As the world of science becomes ever more specialized, researchers may lose themselves in the deep forest of the ever increasing number of subfields being created. This open access journal Applied Sciences has been started to link these subfields, so researchers can cut through the forest and see the surrounding, or quite distant fields and subfields to help develop his/her own research even further with the aid of this multi-dimensional network.

---

### Editor-in-Chief

Prof. Dr. Giulio Nicola Cerullo  
Dipartimento di Fisica, Politecnico di Milano, Piazza L. da Vinci 32,  
20133 Milano, Italy

---

### Author Benefits

#### Open Access:

free for readers, with article processing charges (APC) paid by authors or their institutions.

#### High Visibility:

indexed within Scopus, SCIE (Web of Science), Inspec, CAPIus / SciFinder, and other databases.

#### Journal Rank:

JCR - Q1 (Engineering, Multidisciplinary) / CiteScore - Q1 (General Engineering)