# **Special Issue**

# Targeted Protein Degradation: From Chemical Biology to Drug Discovery

## Message from the Guest Editors

Protein degradation induced by small molecules has been attracting great attention recently as a novel modality for drug development and as a novel method for basic research in chemical biology. This technology hijacks the cellular ubiquitin-proteasome system to induce protein degradation, as demonstrated by chimeric molecules (PROTACs, SNIPERs), small E3 modulators (thalidomides, sulfonamides), SERD (fulvestrant), etc.. Probably, this technology could be extended to the manipulation of other cellular events involving ubiquitin and, further, to other post translational modification systems in the future. To explore the future possibilities of this novel technology. authors are invited to submit original and review articles on any aspect of the chemical compounds and methods capable of regulating protein degradation and the cellular ubiquitin system, including, but not limited to, protein degraders, protein degradation systems, modifiers of the ubiquitin system, etc. The collection of manuscripts will be published as a Special Issue of the iournal Pharmaceuticals.

## **Guest Editors**

Dr. Mikihiko Naito

Chief, Division of Molecular Target and Gene Therapy Products, National Institute of Health Sciences, 3-25-26 Tonomachi, Kawasakiku, Kawasaki, Kanagawa 210-9501, Japan

## Dr. Yosuke Demizu

Chief, Division of Organic Chemistry, National Institute of Health Sciences, 3-25-26 Tonomachi, Kawasaki-ku, Kawasaki, Kanagawa 210-9501, Japan

## **Deadline for manuscript submissions**

closed (31 March 2020)



# **Pharmaceuticals**

an Open Access Journal by MDPI

Impact Factor 4.8
CiteScore 7.7
Indexed in PubMed



mdpi.com/si/28073

Pharmaceuticals
Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland
Tel: +41 61 683 77 34
pharmaceuticals@mdpi.com

mdpi.com/journal/pharmaceuticals





# **Pharmaceuticals**

an Open Access Journal by MDPI

Impact Factor 4.8 CiteScore 7.7 Indexed in PubMed



# **About the Journal**

## Message from the Editor-in-Chief

Because of your expertise in the field of drug sciences, I kindly invite you to consider publishing your current work, in the form of a research article or a review, in the open access electronic journal *Pharmaceuticals*. *Pharmaceuticals* is characterized by an active editorial board and a dynamic editorial staff. Manuscripts are peer-reviewed and a final decision is provided to authors within 4–6 weeks after submission. Papers are published on the web immediately after acceptance. For details on the submission process or any other matter, please do not hesitate to contact us.

We hope to handle your contribution to *Pharmaceuticals* soon.

## Editor-in-Chief

## Prof. Dr. Amélia Pilar Rauter

Departamento de Química e Bioquímica (DQB) e Centro de Química Estrutural (CQE), Institute of Molecular Sciences, Faculdade de Cièncias, Universidade de Lisboa, Lisboa, Portugal

## **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), PubMed, PMC, Embase, CAPlus / SciFinder, and other databases.

## Journal Rank:

JCR - Q1 (Pharmacology and Pharmacy) / CiteScore - Q1 (Pharmaceutical Science)

