

## Special Issue

# Population Pharmacokinetic and Pharmacodynamic and Clinical Strategies

### Message from the Guest Editors

Understanding the safety and effectiveness of any drug depends, in large, upon pharmacokinetics and pharmacodynamics. Pharmacokinetic and pharmacodynamic modelling and simulation approaches, such as population analyses, are employed in order to understand the characteristics of drugs and how they behave in diverse patient populations. Drug developers apply the insights gained from pharmacokinetic and pharmacodynamic analyses in order to design enhanced clinical studies. Then, clinicians use the information obtained from pharmacokinetic and pharmacodynamic analyses to treat various types of patients. Pharmacokinetic and pharmacodynamic analyses and modelling are important tools in the development and approval of every drug. In this Special Issue, we aim to present preclinical and clinical research from experts in the field of pharmaceuticals that highlights the application of therapeutic agents and clinical strategies focused on tailored populations. We welcome the submission of articles presenting disaggregated data pertaining to research on new and old drugs in order to identify future directions and subsequently design inclusive trials that everyone can benefit from.

### Guest Editors

Dr. Silvia De Francia

Department of Clinical and Biological Sciences, University of Turin,  
10043 Orbassano, Italy

Dr. Sarah Allegra

Department of Biological and Clinical Sciences, University of Turin, S.  
Luigi Gonzaga Hospital, 10043 Orbassano, Italy

### Deadline for manuscript submissions

closed (25 August 2024)



## Pharmaceuticals

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

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### 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.

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### 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 Ciências, Universidade de Lisboa, Lisboa, Portugal

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