

## Special Issue

# Biopharmaceutics and Multivariate Modeling of Complex Systems

### Message from the Guest Editors

Dear Fellow Researchers, The growth of biopharmaceutics from the traditional “science of administrations routes” towards systems biology and sophisticated computational techniques has been remarkable. The abovementioned tools are devoted to handling complexity of the analyzed problems. This Special Issue is dedicated to the modeling approaches employed in the field of biopharmaceutics, where multivariate and multidimensional relationships are captured, explained and eventually put into use for efficient drug discovery and development processes. We welcome all flavors of *in silico* endeavors directed towards the quantitative description of each and every element of the famous LADME/Tox. This includes both mechanistic and empirical approaches, for the latter with special emphasis on artificial intelligence tools. As our ambition is to present the current state-of-the-art of the field, we welcome both experimental and review papers. We would like to encourage software programmers and developers to publish their software packages as open source and provide case studies with this software employed in the biopharmaceutics area.

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### Guest Editors

Prof. Dr. Aleksander Mendyk  
Dr. Jakub Szlęk  
Dr. Adam Paclawski

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### Deadline for manuscript submissions

closed (30 November 2023)



## Applied Sciences

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## 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.

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### Editor-in-Chief

Prof. Dr. Giulio Nicola Cerullo  
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