

Special Issue

Targeting Cellular Key Points in Drug Discovery

Message from the Guest Editors

It is well known that unhealthy lifestyles contribute worldwide to increasing the risk of non-communicable diseases. Indeed, despite the numerous efforts of the research, the incidence of infectious, cardiovascular and cancer diseases, etc. are constantly growing. The current drugs used in therapies suffer some limitations, such as their numerous side effects due to the low specificity, their non-optimal pharmacokinetic profiles, as well as the onset of resistance phenomena. Considering this scenario, the development of new synthetic and natural molecules with improved pharmaceutical and pharmacokinetic profiles, as well as with the ability to interfere with specific targets involved in the development and progression of the main non-communicable diseases, is urgently needed. This Special Issue highlights the importance of some library of compounds or natural extracts able to interfere with significant targets of pharmaceutical interest. Therefore, it is our great pleasure to invite you to submit a manuscript for this Special Issue.

Keywords:

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enzymes
synthetic compounds
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molecular modeling
chemically modified drugs

Guest Editors

Dr. Jessica Ceramella

Department of Pharmacy, Health and Nutritional Sciences, University of Calabria, 87036 Arcavacata di Rende, Italy

Dr. Domenico Iacopetta

Department of Pharmacy, Health and Nutritional Sciences, University of Calabria, Via Pietro Bucci, 87036 Arcavacata di Rende, Italy

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

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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

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