

Special Issue

Identification of Novel Compounds against Multidrug-Resistant Cancer Cells

Message from the Guest Editors

Multidrug resistance (MDR) is among the major reasons for chemotherapy failure and cancer progression. In addition to ATP-binding cassette (ABC) transporters, various additional mechanisms are involved in which the tumour cells arrange themselves and continue to proliferate even in the presence of chemotherapy drugs. Inhibitors of ABC transporters can increase the efficiency of chemotherapy to some extent, but because of the multifactorial nature of MDR phenomena, novel inhibitors to target different MDR mechanisms are required. For this purpose, various MDR-associated proteins are awaiting targeting with natural compounds or synthetic derivatives to identify novel inhibitors to overcome MDR phenomena and increase chemotherapy success rates. This special issue of *Pharmaceuticals* on the “Identification of Novel Compounds against Multidrug-Resistant Cancer Cells” will include both regular articles and reviews focused on the most recent advances in the identification of novel compounds against multidrug-resistant cancer cells.

Guest Editors

Dr. Onat Kadioglu

Department of Pharmaceutical Biology, Institute of Pharmaceutical and Biomedical Sciences, Johannes Gutenberg University, Mainz, Germany

Prof. Dr. Thomas Efferth

Department of Pharmaceutical Biology, Institute of Pharmaceutical and Biomedical Sciences, Johannes Gutenberg University, Staudinger Weg 5, 55128 Mainz, Germany

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MDPI, Grosspeteranlage 5
4052 Basel, Switzerland
Tel: +41 61 683 77 34
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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*.

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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 Ciências, Universidade de Lisboa, Lisboa, Portugal

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