



Counteracting Drug Resistant Mechanisms in Cancer

Guest Editor:

Dr. M. Helena Vasconcelos

1. FFUP – Faculdade de Farmácia da Universidade do Porto, 4050-313 Porto, Portugal
2. i3S—Instituto de Investigação e Inovação em Saúde, Universidade do Porto, 4200-135 Porto, Portugal

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Message from the Guest Editor

Dear Colleagues,

Drug resistance is a major obstacle to the successful treatment of cancer patients. The intratumor genetic heterogeneity and tumor dynamics, together with the presence of cancer stem cells, make it a very difficult problem to overcome. This Special Issue of *Molecules* aims to collect review and research articles on novel approaches for counteracting drug resistant mechanisms in cancer. Topics may include: i) novel compounds or small molecules designed to inhibit targets known to be responsible for chemoresistance (e.g. drug-efflux pumps or antiapoptotic proteins), ii) natural compounds that circumvent drug resistance, iii) molecules that target cancer stem cells, iv) anti-miRs or siRNAs designed to inhibit targets responsible for chemoresistance, or v) drug delivery approaches to improve drug response.

Prof. Dr. M. Helena Vasconcelos
Guest Editor





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Editor-in-Chief

Prof. Dr. Thomas J. Schmidt

Institute of Pharmaceutical
Biology and Phytochemistry,
University of Münster,
Corrensstrasse 48, D-48149
Münster, Germany

Message from the Editor-in-Chief

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Molecules Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland

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