Special Issue

PARPs in Cell Death and PARP Inhibitors in Cancers

Message from the Guest Editors

Poly (ADP-ribose) polymerases (PARPs) are a family of related enzymes that participate in many cellular processes such as DNA repair, genomic stability, transcription, replication, mitosis, cell growth, and programmed cell death. Combined with the concept of synthetic lethality, PARP inhibitors are developed to inhibit the growth of cancer cells and kill them. At present, four PARP inhibitors have been approved by the United States Food and Drug Administration for the treatment of ovarian cancer, breast cancer, pancreatic cancer, and other cancers. Nevertheless, the process in which PARP participates in cells and the mechanism of PARP inhibitors in cancers still need to be constantly explored to develop more application value for PARP and PARP inhibitors. This Special Issue will include papers about the role of PARPs in cell death and the mechanism and application of PARP inhibitors in cancers. Papers can be research articles or review articles. We look forward to your contribution.

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Biomolecules is a multidisciplinary open-access journal that reports on all aspects of research related to biogenic substances, from small molecules to complex polymers. We invite manuscripts of high scientific quality that pertain to the diverse aspects relevant to organic molecules, irrespective of the biological question or methodology. We aim for a competent, fair peer review and rapid publication. Please look at some of the exciting work that has been published in *Biomolecules* so far. We would be delighted to welcome you as one of our authors.

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