

Special Issue

Advances in Pharmacology of Prostaglandins

Message from the Guest Editors

The generation of various prostaglandins varies from tissue to tissue and exerts a broad spectrum of effects, including cardiovascular, respiratory, gastrointestinal and neuromodulatory. In addition, prostaglandins regulate pain, uterus and urinary bladder contraction, fever, and important physiopathological processes, including inflammation and cancer progression. Many diseases result from the imbalanced or increased production of prostaglandins. Pharmacological modulation of prostaglandin levels represents a fundamental weapon in the treatment of several pathological conditions, and the development of new specific and selective drugs with low side effects is a goal of pharmacological research.

Suitable topics include but are not limited to the development of new cyclooxygenase inhibitors, the discovery of cyclooxygenase inhibitors, the pharmacological modulation of prostaglandins levels, the identification of prostaglandin synthase inhibitors, and the pharmacological characterization of specific prostaglandin receptor agonists or antagonists.

Guest Editors

Dr. Federica Finetti

Department of Biotechnology, Chemistry and Pharmacy, University of Siena, Via Aldo Moro 2, 53100 Siena, Italy

Dr. Lorenza Trabalzini

Department of Biotechnology, Chemistry and Pharmacy, University of Siena, 53100 Siena, SI, Italy

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4052 Basel, Switzerland
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Avda. Conocimiento s/n, 18100 Armilla, Granada, Spain

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