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Applications of Natural Products in Sustainable Biotechnology

Guest Editors:

Dr. Annalisa Pinsino

Institute of Translational Pharmacology (IFT), National Research Council (CNR), Via Ugo La Malfa 153, 90146 Palermo, Italy

Dr. Alessia Giannetto

Department of Chemical, Biological, Pharmaceutical and Environmental Sciences, University of Messina, Viale Ferdinando Stagno d'Alcontres, 31, 98166 Messina, Italy

Dr. Salvatore Papasergi

Institute of Translational Pharmacology (IFT), National Research Council (CNR), Via Ugo La Malfa 153, 90146 Palermo, Italy

Message from the Guest Editors

Bacteria and invertebrates, the most numerous forms of life in the world, synthesize bioactive molecules to protect themselves from dynamic and challenging environments and to acquire an advantage in survival competition. These organisms represent an important source of naturally exploitable compounds having high structural diversity and unique pharmacological or biological activities (e.g., antimicrobial, quorum sensing, antiviral, anticancer, antioxidant, and pro- or anti-inflammatory activities) due to natural selection and evolutionary processes.

In this special issue, we are collecting reviews and articles about the role of natural products in discovering, and developing natural and inexpensive solutions for sustainable biotechnology applications in medicine, nutraceutical, agriculture, and environmental protection.

Deadline for manuscript submissions:

closed (28 March 2024)













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Editor-in-Chief

Prof. Dr. Maurizio Battino

Department of Odontostomatologic and Specialized Clinical Sciences, Sez-Biochimica, Faculty of Medicine, Università Politecnica delle Marche, Via Ranieri 65, 60100 Ancona, Italy

Message from the Editor-in-Chief

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