

Special Issue

Boron-Containing Compounds: Identification, Synthesis, Biological Actions and Pharmacology

Message from the Guest Editors

Boron-containing compounds (BCCs) are gaining increasing attention in drug development due to their promising therapeutic potential. Currently, five BCCs—bortezomib, tavaborole, ixazomib, crisaborole, and vaborbactam—have been successfully developed into marketed drugs. Additionally, naturally occurring BCCs, such as boric acid, sodium tetraborate, and fructoborate, have shown bioactivity and have been proposed as pharmacophores for various medical applications. This Special Issue aims to highlight and compile new research on BCCs, whether discovered in nature or synthesized in the laboratory. We welcome studies focusing on the chemistry and bioactivity of these compounds, as well as investigations into their pharmacological (pharmacodynamics/pharmacokinetics) profiles, including those already in clinical use. We are also interested in medicinal chemistry studies involving BCCs, including but not limited to the design of novel formulations, biomaterials, and compounds with potential applications in the prevention, diagnosis, or treatment of diseases.

Guest Editors

Dr. Marvin Antonio Soriano-Ursúa

Laboratorio de Neurofisiología, Sección de Estudios de Posgrado e Investigación, Escuela Superior de Medicina, Instituto Politécnico Nacional, Plan de San Luis y Díaz Mirón s/n, Mexico City 11340, Mexico

Dr. Andrei Biță

Department of Pharmacognosy, Faculty of Pharmacy, University of Medicine and Pharmacy of Craiova, 2 Petru Rareș Street, 200349 Craiova, Romania

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Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland
Tel: +41 61 683 77 34
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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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