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The Pharmacology of Bisphosphonates: New Advances

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Message from the Guest Editors

Dear Colleagues,

Bisphosphonates (BPs) are a class of compounds which are receiving growing interest in the pharmaceutical industry. Their therapeutic properties in bone-related disorders (e.g., osteoporosis, Paget's disease, or bone metastases) makes them the focus of several research studies as well as the main component of numerous pharmaceutical formulations. Thus, bisphosphonates are currently the target of intensive research, from basic pre-formulation studies to more advanced stages of clinical practice.

Potential topics include, but are not limited to, the following: innovative synthetic approaches for the preparation of bioactive bisphosphonates, the bioactivity screening of bisphosphonic acids, repurposing and newly discovered biological effects of known compounds, as well as molecular modeling and structure–activity relationship studies. All types of research are encouraged, from in silico studies, through all varieties of in vitro and in vivo research to epidemiological, prospective, and retrospective clinical studies.

I look forward to your valuable contributions.

Dr. Ewa Chmielewska
Prof. Dr. Paweł Kafarski
Guest Editors



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Special Issue



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