

Special Issue

Current Knowledge on Bacterial Genotoxins and Their Effects on Host Cells

Message from the Guest Editor

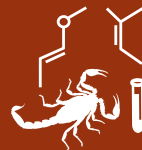
Bacterial genotoxins, inducing damage to DNA, are found in different bacterial species. Bacterial genotoxin archetypes are the cytolethal distending toxins (CDTs), holotoxins expressed in many gram-negative bacteria, and colibactin, a secondary metabolite produced through a complex biosynthetic chain by *E. coli* and other *Enterobacteriaceae* species. However, few genotoxins are currently known, and general concerns regarding their mode-of-action and host-cell effects are growing. Indeed, due to their common characteristic of being able to damage DNA, genotoxins may lead to plethora of cell-host responses, from cell-cycle checkpoints to cell death, also including senescence, inflammation, etc. This Special Issue will focus on current knowledge regarding genotoxins. Particularly, their function in host cells and their implications in different pathologies will be emphasized in order to provide an overview and shed new light concerning these specific questions.

Guest Editor

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Deadline for manuscript submissions

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About the Journal

Message from the Editor-in-Chief

Toxinology is an incredibly diverse area of study, ranging from field surveys of environmental toxins to the study of toxin action at the molecular level. The editorial board and staff of *Toxins* are dedicated to providing a timely, peer-reviewed outlet for exciting, innovative primary research articles and concise, informative reviews from investigators in the myriad of disciplines contributing to our knowledge on toxins. We are committed to meeting the needs of the toxin research community by offering useful and timely reviews of all manuscripts submitted. Please consider *Toxins* when submitting your work for publication.

Editor-in-Chief

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