



Cytoskeletoxins: Bacterial and Viral Effector Proteins Targeting the Cytoskeleton

Guest Editor:

Dr. Dmitri S. Kudryashov

Department of Chemistry and
Biochemistry, The Ohio State
University, Columbus, OH 43210,
USA

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Message from the Guest Editor

The ability to disrupt, manipulate, or hijack the cytoskeleton is a common feature of numerous bacterial and viral pathogens.

Several effector proteins/toxins produced by pathogenic bacteria and viruses are reasonably well understood and have become indispensable tools for revealing secrets of the cytoskeleton organization and function. Many are understood superficially, while still others remain to be discovered. In this Special Issue of IJMS, we invite research publications and review articles in a broad area at the interface between pathogens and the cytoskeleton that reveal novel details of the toxin pathogenicity, contribute to the understanding of the host, or summarize the existing knowledge on either of the two topics.

The word “cytoskeletoxins” in the title of this Special Issue cannot be found in dictionaries. It is meant to intrigue and attract the attention of potential authors and readers, but also to emphasize that the number of effector proteins targeting the cytoskeleton is so large and their role in the pathogenesis of various infectious diseases is so important that this group of effectors deserves to be given a very special name.





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Prof. Dr. Maurizio Battino

Department of
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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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MDPI, Grosspeteranlage 5
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