

## Special Issue

# Bacterial Genotoxins and Host Cell Responses

### Message from the Guest Editor

Bacterial genotoxins like Cytolethal Distending Toxin, Colibactin or Uropathogenic specific protein, are able to induce DNA damage in host cells. These particular virulence factors are getting more and more attention because their discovery has given new perspectives to the field of cellular microbiology. Data from model organisms or cell systems started to clarify the implication of bacterial genotoxins in different diseases. The understanding of the cellular intoxication effects, in term of inflammation or acquisition of carcinogenic traits for example, needs to be pursued. It will further help the community to appreciate the contribution of these factors in physiological or pathological conditions. The aim of this Special Issue is to provide an overview of the knowledge regarding several aspects of the bacterial genotoxins' biology, such as molecular mechanisms, cellular effects and progression of diseases. We anticipate that the papers presented in this Issue will be of valuable support for the scientific community, in diverse contexts as microbiology, cell biology, physiopathology, etc.

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### Guest Editor

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### Deadline for manuscript submissions

*closed (31 December 2017)*



## Cells

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*Cells has become a solid international scientific journal that is now indexed on SCIE and in other databases. We have successfully introduced a special issues format so that these issues serve as mini-forums in specific areas of cell science. Cells encourages researchers to suggest new special issues, serve as special issues editors, and volunteer to be reviewers. Our main focus will remain on cell anatomy and physiology, the structure and function of organelles, cell adhesion and motility, and the regulation of intracellular signaling, growth, differentiation, and aging. We are open to both original research papers and reviews.*

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