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## Bacterial Genotoxins and Host Cell Responses

Guest Editor:

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Deadline for manuscript  
submissions:

**closed (31 December 2017)**

### Message from the Guest Editor

Dear Colleagues,

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.

Dr. Gladys Mirey

*Guest Editor*



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