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Genomics, Proteomics and Metabolics of Extremophiles

Guest Editor:

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Deadline for manuscript submissions:

closed (18 June 2021)

Message from the Guest Editor

This issue will focus on adaptation strategies for the extremes: high and low temperatures, high and low pressures, and high salinity. We are inviting researchers to contribute original research and review articles that will further expand our knowledge of microbial (Archaea, Bacteria, or Eukaryotic) adaptation, from the organismal level to the protein level. Potential topics include, but are not limited to the following:

- Metagenomic analysis of microbial populations from extreme environments
- Analysis of interacting microbial populations: symbiosis, mutualism, commensalism, parasitism
- Intracellular signaling or cell-to-cell communications affected by extreme living environments
- Protein or biomolecule adaptations that help cells survive and thrive in their extreme environments
- Metabolic pathways that are required for survival or to improve survivability in extreme environments



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Special Issue



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Editor-in-Chief

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Message from the Editor-in-Chief

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