

RESEARCH TOPIC IN FRONTIERS

We are pleased to be launching a new Research Topic, “Contribution of Omics to our Understanding of Human-Bacterial Interplay in Health and Disease”, together with an expert editorial team:

- Julie Hardouin - Université de Rouen, Mont-Saint-Aignan, France
- Tariq Ahmad Ganief - University of Cape Town, Cape Town, South Africa
- Nicolas Nalpas - University of Tübingen, Tübingen, Germany

We are welcoming manuscript contribution to feature in this collection:

<https://www.frontiersin.org/research-topics/35106/contribution-of-omics-to-our-understanding-of-human-bacterial-interplay-in-health-and-disease>

Hosted by Frontiers in Genetics (IF: 4.599), this is a unique opportunity to showcase your research.

This special topic would catalogue the applications of omic technologies that can contribute to significant advancements in our understanding of human-bacterial interplay. Notably, this topic will focus on the diverse impacts displayed by bacteria from model pathogenic organisms to commensal microbiomes, and their role in well-being and disease. This special research topic welcomes manuscripts including but not limited to:

- Using omics to understand bacterial signalling mechanisms, including bacteria-host signalling
- The development of drug resistance in bacteria
- Multi-omics approaches to bacterial biology and signalling
- Using omics to determine the role of the human microbiomes in disease and well-being

We will consider all type of manuscripts (e.g. original research, review) and deadline for submission is 15th of July, 2022.