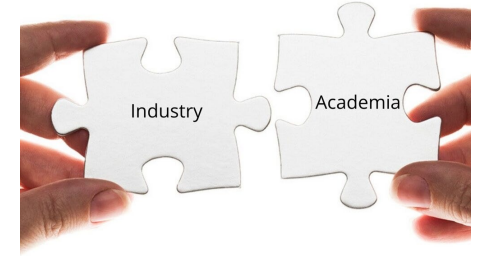




Vereinigung für  
Allgemeine und  
Angewandte  
Mikrobiologie



## 7. VAAM Industry-Academia Panel

25.05.2023

### “Anaerobes from Gut and Environment - Bacteroidota as Next Generation Bioactives”



**Dipl.-Ing. Johanna Benning, Senior Scientist Microbe Research, Novozymes Berlin GmbH**

High abundance and diversity of Bacteroidota species in the gut aroused broad scientific interest to explore the potential use in industrial applications for human health. My presentation will be centered around the research work in the scope of the BMBF-funded network project BaPro. The establishment of suitable isolation strategies to build a representative culture collection and the evaluation of microbial functions will be presented which underlines the importance for further investigation of Bacteroidota as next generation probiotics.



**Prof. Dr. Wolfgang Streit, Mikrobiologie & Biotechnologie, Universität Hamburg**

Bacteroidota harbor a vast and huge potential for future biotechnology applications. They are essential tools for natural and synthetic polymer degradation and modifications. Further they bear a great potential for developing effective anti-biofilm and probiotic strategies for major human and animal pathogens. Lastly, they allow the rapid production of platform chemicals based on renewable resources. Throughout my presentation I will highlight some of these key features as established within the BMBF-funded network project BaPro.