



VAAM @ DLR

# BigBang...Microbes! Workshop on Cultivation of the Uncultivables!

Date: Sept. 28 & 29, 2023

Place: :envihab @ DLR, Cologne/Köln



Dear colleagues,

we, the VAAM special group "Space Microbiology", invite you to our interdisciplinary event: the "BigBang...Microbes! - Workshop on Cultivation of the Uncultivables!".

Our event focuses on the ***cultivation of microorganisms, the isolation and characterization of (new) strains as well as microbial communities, their application or utility in wide variety of applications*** fields from basic to applied research, e.g., biotechnology, chemistry, medicine, agriculture, food industry and aerospace.

**We** would like to ***cordially invite*** all interested scientists, especially ***early career and experienced scientists*** such PhD students, PostDocs and early PIs to submit their ***interest to participate and an abstract*** on their research to "[weltraummikrobiologie@dlr.de](mailto:weltraummikrobiologie@dlr.de)" (best by July 1<sup>st</sup>, 2023).

*Kristina Beblo-Vranesevic & Ralf Möller*





## Preliminary agenda

### **Thursday: Sept. 28, 2023**

12:00	Welcome address
13:00	Classical cultivation / archiving / classification of microorganisms
14:00	Interest in extremophiles
15:00	Planetary Protection
16:00	Microbiology & cultivation: applications
18:00-20:00	<i>Poster session</i>
18:30	BBQ and social gathering

### **Friday: Sept. 29, 2023**

9:00	Space microbiology
10:00	Medical microbiology
11:00	Omics-based cultivation microbiology & multiomics
14:00	Farewell

In addition to the ***scientific exchange around the topic of cultivation***, there will be an ***insight into the work of different groups such as DLR, ESA and NASA***. A ***visit*** to the ***European Astronaut Center*** is also planned (***upon request***).

