



## **RDA / EOSC Future Ambassador: 16S rRNA gene microbial community data - A dedicated database**

### **What:**

Since 2021, I have been building a database that facilitates the reuse of 16S rRNA gene microbial community data. This database is designed to be accessible to scientists regardless of their bioinformatics training or access to computing infrastructure, and stimulates the citation of data providers directly. As the number of sequenced microbiomes continues to increase exponentially, this project will prepare the database's update framework, ensuring that regular updates to the database are fast and efficient.

**Who:**

Stephanie Jurburg, Postdoctoral Researcher, German Centre for Integrative Biodiversity Research.

**Biography:**

Stephanie Jurburg, originally from Uruguay, completed her B.A. in Ecology and Evolution at Columbia University, NY in 2012, her PhD in Microbial ecology at the University of Groningen, Netherlands in 2017, and has since then studied the microbial ecology of different environments as a Postdoctoral Researcher at Wageningen University and Research, iDiv, and the Helmholtz Centre for Environmental Research. She studies how microbial communities respond to stress, and whether a better understanding of stressed microbiomes can improve the way we interact with bacteria. She also focuses on how better microbial data can improve how we study bacterial communities. In her free time, she likes to cook and write.

**Scientific Domain:**

Microbial Ecology

**Your Promotion and Networking:**

Stephanie and her activities are also [featured on the RDA website](#).

**Country:**

Germany