



UNIVERSITÀ
DEGLI STUDI
DI PADOVA

Curriculum Vitae

Family Name: Deb
Given Name: Saptarathi
Nationality: Indian
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Education:

- PhD in Animal and Food Science, Università di Padova (2020-)
- M.Sc. Master's in Bioinformatics and Applied Biotechnology, IBAB, University of Mysore, India (2016-2018)
- B.Sc. Bachelor's in Biotechnology, St Edmund's College Shillong, India (2013-2016)

Research areas:

- Bioinformatics
- Next-generation sequencing
- Microbiome

PhD project:

Understanding soil microbiome using Next-generation sequencing approaches.

As the influence of the microbiome has been well established as a key environmental factor in plant growth and development. The goal of my research is to understand soil microbiome using high throughput data coming from next-generation sequencing technology. With the availability of multiple sequencing approaches, technologies, and bioinformatic analysis methods in the field, my target is to initially compare, develop and standardize the best approaches and answer biologically relevant questions in the context of understanding the role of the soil microbiome in plant growth and development of our interest.

Supervisor:

Piergiorgio Stevanato

Publications:

<https://scholar.google.com/citations?hl=en&user=KnUkQzUAAAAJ>