

Thomas Chadelaud

PhD student in Microbiology


Profil

I have obtained a Master's Degree in Fundamental and Applied Microbiology and am currently pursuing a PhD in the same field at the Institut de Recherche en Horticulture et Semences (INRAE - UMR 1345). My research focuses on the molecular determinants governing the transmission of bacteria from the plant to the bean seed.

Contact

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 @Thomas Chadelaud

Compétences

Bacterial genetics

Bacterial physiology

Molecular biology and biochemistry

Experimentation in confined environments

Statistics

English written and spoken

Objective

My ultimate aim is to become a researcher or a teacher-researcher in microbiology. I am currently pursuing a PhD in microbiology at the IRHS (INRAE UMR 1345), where I am developing my expertise in prokaryotic genetics, bacterial physiology and molecular biology, and training in pathophysiological experiments.

Experience

2023 - ongoing

**IRHS - UMR 1345
INRAE
équipe EMERSYS**

Doctorat en microbiologie

Study on the molecular determinants involved in the transmission of bacteria from the plant to the bean seed.

2023

**IGDR - UMR 6290
CNRS - INSERM -
Université de Rennes**

Master 2 internship

Phenotypic studies on trans-translation in *Pseudomonas aeruginosa*, creation of an inhibitor screening system and construction of mutants.

2022

**UniLaSalle Rennes -
Ecole des Métiers de
l'Environnement**

Master 1 internship

Study on the effects of Rhodamine B on the environment and the growth of microorganisms, as well as its biological and/or chemical decomposition.

Academic training

2021 - 2023

Université de Rennes

Master's degree in Fundamental and Applied Microbiology

Study of micro-organisms, their interactions and their implications for health, agronomy and the environment.

2018 - 2021

Université de Rennes

Bachelor's degree in Microbiology

Cellular and molecular biology, prokaryotic and eukaryotic genetics, physiology, applications in microbiology, bioinformatics and genomics.