

Jean Delmotte

BIOINFORMATICIAN · COMPUTATIONAL BIOLOGIST · IMMUNOLOGIST

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Work Experience

Sanofi

BIOCOMPUTER SCIENTIST

- Production of bioinformatics analysis pipelines

Lyon, France

since Jan. 2023

IVIDATA - Life science

BIOINFORMATICS CONSULTANT - SPECIALIZED IN GENOMICS

- Consultant in bioinformatics for Sanofi: Intervention in VCDS department (microbiology, biochemistry and immunology platform)

Lyon, France

since july 2021

University of Montpellier - Host-Pathogen-Environment Interactions, UMR-5244

PHD STUDENT

- What is the role of viral genetic diversity in the interaction of ostreid herpesvirus 1 and its host, the oyster crassostrea gigas?
- Thesis

Montpellier, France

Oct. 2017 - Apr. 2021

Pasteur Institute - LabEx Milieu Interieur

INTERN - MASTER STUDENT

- Characterization of the Immunological situation of healthy individuals using cutting edge technology.

Paris, France

Nov. 2016 - Jan. 2017

Saint Louis hospital - Génétique des virus et Pathogénèse des Maladies Virales, UMR-941

INTERN - BACHELOR STUDENT

- Inhibition of TNPO3 importin expression in HeLa cells by RNA interference

Paris, France

Apr. 2014 - Jun. 2014

Eurofins Biomnis

BIOLOGICAL ANALYSIS TECHNICIAN

- Carry out serological analysis on human samples

Ivry-sur-Seine, France

Jun. 2015 - Sep. 2015

Research

2022	Evaluation of tangential flow filtration (TFF) coupled with Oxford Nanopore Technologies (ONT) sequencing for Ostreid herpesvirus type 1 whole-genome reconstruction , Microbial. Genomics.	Montpellier, France
2022	Contribution of Viral Genomic Diversity to Oyster Susceptibility in the Pacific Oyster Mortality Syndrome , Front. Microbiol	Montpellier, France
2021	Genetic diversity and connectivity of the Ostreid herpesvirus 1 populations in France: A first attempt to phylogeographic inference for a marine mollusc disease , Virus Evolution	Montpellier, France

Education

2021	PhD in Bioinformatic , University of Montpellier	Montpellier, France
2017	Master in Immunology , Université de Paris	Paris, France
2015	Bachelor of Science in Biochemistry Bioinformatics Biology , Université de Paris	Paris, France
2014	University degree in technology in Biochemistry/Biology , University of Toulon	Toulon, France

Expertise

Research	Expert innovator, Scientific writing, Scientific drawing, Scientific project, Scientific presentation, Knowledge management, Student supervision
Pharmaceutical industry	GrP work environment, Troubleshooting, RAE
Experiment	Practical Immunology, Molecular Biology, Cell culture, Experimental aquaculture, Structural biochemistry
Knowledge	Immunology, Microbiology, Evolutionary biology, Structural biochemistry
Development	R, python, Shell scripting, Snakemake, NextFlow, HPC, Data management, Bioinformatics software
Analysis	Genomics, Phylogenetics, Metagenomics, Transcriptomics, Sets analysis

Extracurricular Activity

Sport	Running, Skate, Surf
Areas of interest	Stand up comedy, Code development