



PINAUD Silvain

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Thesis candidate in Biology : interactions immunology

Trainings

- 2014-2017**
UPVD PERPIGNAN **Thesis : Molecular basis of immune response in *Biomphalaria glabrata*. (Laboratory 2EI, UMR5244, UPVD)**
- 2013-2014**
UPVD PERPIGNAN **Master 2 Integrated Biology, from Molecules to Populations and Sustained Development (#1)**
Report : *De novo* sequencing approach to identify the molecular basis of immune priming in *Biomphalaria glabrata* (Laboratory 2EI, UMR5244, UPVD)
- 2012-2013**
UPVD PERPIGNAN **Master 1 Integrated Biology, from Molecules to Populations and Sustained Development (#2)**
Report : Immune vaccination : Tool to broach the memory immune response in *Biomphalaria glabrata* / *Schistosoma mansoni* model. (Laboratory 2EI, UMR5244, UPVD)
- 2009-2012**
UPVD PERPIGNAN Licence Biology & Ecology (#6)
Report : Science News, Immunity in Invertebrate : Not too easy and at the hearth of scientific struggle. # : rank
- 2006-2009**
Lycée Gabriel Fauré (09) **Scientific Baccalauréat Specialised in Biology**

Professional experiences

- 2014 2EI**
UPVD-CNRS-OMS **Research internship Master 2 : Invertebrate immunity with Dr. GOURBAL Benjamin**
- 2013 2EI**
UPVD-CNRS-OMS **Research internship Master 1 : Invertebrate immunity with Dr. GOURBAL Benjamin**
- 2012 2EI**
UPVD-CNRS-OMS **Volunteer internship : Invertebrate immunity with Dr. GOURBAL Benjamin**
2EI laboratory 2EI (Ecology & Evolution of Interactions at Perpignan) is associated with CNRS and Perpignan university UPVD (UMR5244) thus WHO.

Scientific skills

Molecular biology	ADN & ARNs extraction, PCR, Southern blot, 2D electrophoresis
Proteomics	Western blot, native extraction
Transcriptomic	qPCR, Dot blot, Northern blot, RNAseq
Microscopy	Sampling, Photonic (direct & inverted), fluorescence, confocale, photography, dissection under magnifying
Dissection	Vegetal & Animal (vertebrate (murins), invertebrates (molluscs, bivalves, crustacean, insects)
Parasitology	Adult & larval recovery of <i>Schistosomes</i> (liver, blood flow, feces/urine), in-vitro transformation
Bio-informatic	R software & its R_Packages, Galaxy Project, basic skills in unix line command, RNAseq, transcriptome creation, clustering, heatmapping, annotation, candidates search

Summer jobs

- 07-11 : Service & Cook,
French food
- 09 : Factory cleaning
- 06-08 : Baking & Pastry

Others

- Languages :** English (CLESI) French (Mother Tongue).
- Informatic :** Mac & Windows

Spare time

- Loisirs :** Gastronomy, Sciences (Scientific journal Biofutur, Science et Vie, Pour la Science), Neon, cinema, concerts
- Sport :** Football, rugby, handball (player & trainer)