



RUBIO Tristan

Curriculum Vitae

EDUCATION

- 2014** **Master 2:** Speciality Interaction, Microorganism, Host and Environment (IMHE) University of Sciences Montpellier II.
- 2013** **Master 1:** Speciality Interaction, Microorganism, Host and Environment (IMHE) University of Sciences Montpellier II.
- 2012** **Bachelor degree** in Biology, speciality microbiology, University of sciences Montpellier II
- 2008** **A-level Scientific,** Speciality biology, Arago High school, Perpignan (66)

RESEARCH EXPERIENCE

2014-to present. PhD laboratory Interaction host pathogen and Environment (UMR 5244). Team MIMM (CNRS-UM2-Ifremer) Montpellier.
Subject: Diversity of interaction mechanisms of vibrios from Splendidus clade with their host, oyster *Crassostrea gigas*.
Supervisors: Dr DESTOUMIEUX-GARZÓN Delphine, Dr CHARRIERE Guillaume
Research skills: Confocal microscopy, Cytometry, qPCR/RT-PCR, Experimental infections (oyster)

2014 Internship (6 month) laboratory Ecology of coastal marine system (UMR 5119). Team RIME (CNRS-UM2-Ifremer) Montpellier.
Subject: Functional analysis of antioxidants system with a pathogen of oyster, *Vibrio tasmaniensis* LGP32.
Supervisors: Dr DESTOUMIEUX-GARZÓN Delphine, Dr CHARRIERE Guillaume
Research skills: Cell biology (primary cell culture, experimental cell infection), PCR, Microbiology (bacterial culture, conjugation, antimicrobial assays).

2013 Internship (4 month) laboratory Biology and genetic of interactions vegetable-parasite (UMR BGPI). Team interaction virus insect-vegetable (VIP-INRA) Montpellier.
Subject: Role of aphids saliva in transmission of cauliflower mosaic virus (CaMV).
Supervisor: Dr DRUCKER Martin
Research skills: Protoplasting, immunofluorescence, fluorescence microscopy, production of fusion protein GST, protein purification, SDS-PAGE.

PUBLICATION

Poirier A.C., Schmitt P., Rosa R.D., Vanhove A.S., Kieffer-Jaquinod S., **Rubio T.P.**, Charrière G.M. and Destoumieux-Garzón D. Antimicrobial histones and DNA traps in invertebrate immunity: evidences in *Crassostrea gigas*. *J Biol Chem*. 2014 Sep 5; 289(36):24821-31 (IF: 4.651)

COMMUNICATION

Vanhove A., Jacq A., Le Roux F., **Rubio T.**, Calteau A., Bachère E., Nicod J., Vergnes A., Lemire A., Charrière G. and Destoumieux-Garzón D. *Vibrio* and the intraphagosomal environment: how an oyster pathogen evades intracellular killing in oyster hemocytes The 2014 International Congress on Invertebrate Pathology and Microbial Control and 47th Annual Meeting of the Society for Invertebrate Pathology. 3-8 July 2014. Mainz, Germany. *Oral communication*.

24 years old

French

Driving license

research ID number: O-6022-2014

CONTACT INFORMATION

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66540 Baho, France

FOREIGN LANGUAGES

Fluent French

Working knowledge of english

MISCELLANEOUS

Computer: Word, Excel, Powerpoint

Prism Graph pad (statistic)

Hobbies: aquarium, cooking

Travel: Spain, Italy, Greece, Egypt, Belgium, Hungary, Germany.

Boat license

Sports: swimming.