

BRILLET Benjamin
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CNU section : 64 (Biochemistry and Molecular Biology)
Université of Brest

CURRENT POSITION : Research lecturer

Teaching : Biological Engineering Department
University Institute of Technology
2 rue de l'université, 29334 Quimper Cx, France
Research Unit LBCM, EA 3884
Bâtiment G, 6 rue de l'université, 29334 Quimper Cx, France

RESUME

Since sept 2008 : Research lecturer in Biochemistry and Molecular Biology
nov.2006 – aug 2008 : Temporary Lecturer and Research Assistant, University of Tours
2006 : Ph.D (University of Tours).
Activity of the mariner MOS1 Transposase: organization of the synaptic complex and regulation by phosphorylation.
Director of thesis: Pr. C. Augé-Gouillou.
Lab. : EA 3868 - LEPEG - Laboratoire d'Etudes des Parasites Génétiques (Tours, France)

TEACHING ACTIVITIES

Practical work in Biochemistry
Initiation into bioinformatics analysis
Expression/regulation and organization of eukaryotic genome
Molecular Biology (PCR, cloning...)

Head Teacher for 2nd year ABB (Biological and Biochemistry Analyses) students: 2012/2013, 2014 to 2017
Biochemistry manager for 2nd year ABB students since sept 2008.

SUMMARY OF RESEARCH ACTIVITIES AND SKILLS

Research into new antimicrobial compounds produced by marine microorganisms.
Molecular Biology (Cloning, PCR, expression of protein in heterologous system, Southern Blot ...)
Genome annotation (MAGE)
Biochemistry (FPLC, HPLC, Western Blot)
Microbiology
Cellular culture

5 publications

1. Offret C, Rochard V, Laguerre H, Mounier J, Huchette S, Brillet B, Le Chevalier P, Fleury Y. Protective Efficacy of a Pseudoalteromonas Strain in European Abalone, *Haliotis tuberculata*, Infected with *Vibrio harveyi* ORM4. *Probiotics Antimicrob Proteins*. 2019 Mar;11(1):239-247. IF = 3,05
2. Navarri M, Jegou C, Meslet-Cladière L, Brillet B, Barbier G, Burgaud G, Fleury Y. Deep seafloor fungi as an untapped reservoir of amphipathic antimicrobial compounds. *Marine Drugs*, 2016, 14, 50., IF = 3,503
3. Desriac F, Le Chevalier P, Brillet B, Leguerinel I, Thuillier B, Paillard C, Fleury Y. Exploring the hologenome concept in marine bivalvia: haemolymph microbiota as a pertinent source of probiotics for aquaculture. *FEMS Microbiol. Lett.* 2014 Jan, 350 (1) 107–116. IF : 2,47
4. Defer D, Desriac F, Henry J, Bourgougnon N, Baudy-Floc'h M, Brillet B, Le Chevalier P, Fleury Y. Antimicrobial peptides in oyster hemolymph : the bacterial connections. *Fish and Shellfish Immunol.* 2013 June, 34 (6) 1439–1447. IF=0,997
5. Desriac F, Jégou C, Balnois E, Brillet B, Le Chevalier P, Fleury Y. Antimicrobial peptides from marine proteobacteria. *Marine Drugs*. 2013 Sep 11, 3632–3660. IF = 3,512