Fleury Yannick CNU section : 64 (Biochemistry and molecular biology)

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**CURRENT POSITION : Research lecturer**

Teaching : Research Unit

Biological engineering department marine biotechnology and marine chemistry lab.

University institute of technology Bâtiment G, 6 rue de l’université

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**RESUME**

**2016 : Habilitation Thesis** defence (april the 26th, 2016)

**1996 – 1998** : Temporary Lecturer and Research Assistant, University of Rennes 1

**1996 : Ph.D** Anti-*Listeria* bacteriocins from *Leuconostoc*: study of their structure/activity relationships (University Denis Diderot VII), Director: Pr A. DELFOUR

**1993 : Master of Food Sciences** (National School for Agronomy industry and Food Science, ENSIA)

**TEACHING ACTIVITIES**

Structural biochemistry Analytical biochemistry Metabolic pathways Proteomic

**EDITORIAL ACTIVITIES**

 Guest editor of the Special Issue

- « Marine Antibiotics 2020 » for Marine Drugs (IF = 4.073)

- New Insights into and Updates on Antimicrobial Agents from Natural Products, BioMed Research International (IF = 2.476)

- Microorganisms: targets and tools for biotechnological processes, Annals of Microbiology (IF = 1.122).

Associated editor of the journal « Probiotics and Antimicrobial Proteins"

**AWARD and GRANTS as scientific leader**

**Doctoral Supervision and Research Allowance** (PEDR) 2018-22

**FEAMP 2019 grant**: PAQMAN project « Development of innovative probiotics for marine aquaculture » 271 k€ - 2020-23

**National grant** PSPSC – régions : Sea2Sea project : Marine probiotics for piscicultrure. 85.4 k€. 3 industrial partners : Marine Akwa, Ferme marine du Douhet, Poissons du soleil.

**Regional grants** Région Bretagne : BlueProbio project : Marine bacteria from Glenan archipelago for aquaculture applications, n°12008353,2018-20. Industrial partner : Marine Akwa, 25 k€.

**Maturation program (SATT Ouest Valorisation)** Pro- and anti-biotics : the paradoxe of *Pseudoalteromonas* h*Cg*-6 (2015-19)- Référence DV 20-29 –263 k€.

**5 publications**

1. A Jouault, A Gobet, M Simon, E Portier, M Perennou, E Corre, F Gaillard, D Vallenet, G Michel, Y Fleury, A Bazire, A Dufour. Alterocin, an antibiofilm protein secreted by *Pseudoalteromonas* sp. 3J6. Applied and Environmental Microbiology. 2020.
2. C Offret, C Jégou, J Mounier, Y Fleury, P Le Chevalier. New insights into the haemo‐and coelo‐microbiota with antimicrobial activities from Echinodermata and Mollusca. Journal of applied microbiology 2019.
3. C Offret, V Rochard, H Laguerre, J Mounier, S Huchette, B Brillet, P Le Chevalier, Y Fleury.. Protective Efficacy of a Pseudoalteromonas Strain in European Abalone, Haliotis tuberculata, Infected with Vibrio harveyi ORM4. Probiotics and Antimicrobial Proteins. 2019
4. M Laurencin, M Simon, Y Fleury, M Baudy‐Floc'h, A Bondon, B Legrand Selectivity Modulation and Structure of α/aza‐β3 Cyclic Antimicrobial Peptides. Chemistry–A European Journal. 2018
5. Offret, C.; Desriac, F.; Le Chevalier, P.; Mounier, J.; Jégou, C.; Fleury, Y. Spotlight on Antimicrobial Metabolites from the Marine Bacteria Pseudoalteromonas: Chemodiversity and Ecological Significance. Marine Drugs **2016**, 14, 129. IF = 3.900