

Curriculum Vitae :

LE CHEVALIER Patrick

Email: Patrick.lechevalier@univ-brest.fr

Tél : 33 0298908533

2 rue de l'université
29334 Quimper cedex
Brittany, France

CNU: 64 biochimie et biologie moléculaire

Education, work experience and current position

- PhD Marine chemistry, 1994, UBO
facteurs protéiques impliqués dans l'amélioration de la croissance
d'invertébrés marins d'intérêt aquacole
director, A. Van Wormhoudt

Summary of research activities and skills

1/Use of marine animals, in this particular case, holothurians for purposes of bioremediation. The main part of the postulate rests (bases) on the role "potentially depolluting" of the accommodated **microbiote** (case of natural pollution biotick). FEAMP2017

2/Use of blue mussels and followed by the **microbiote** associated for purposes of bio-indication of the fluctuations in the marine environment (Ecobim network).

Summary of teaching activities:

Lecturer in biochemistry (DUT, life sciences)

Pedagogic and administrative duties:

Responsible of Bachelor : "valorisation de productions aquacoles »

5 publications

Ziane M, Couvert O, P Le Chevalier, Moussa-Boudjemaa B & Leguerinel I, 2016, Identification and characterization of aerobic spore forming bacterial isolated from commercial camel's milk in south of Algeria. Small Ruminant Research (139), 59-64

Desriac F., Le Chevalier P., Brillet B., Leguerinel I., Thuillier B., Paillard C., Fleury Y., 2013. Exploring the hologenome concept in marine bivalvia: haemolymph microbiota as a pertinent source of probiotics for aquaculture. FEMS Microbiol. Lett. DOI: 10.1111/1574-6968.12308

- Defer D., Desriac F., Henry J., Bourgougnon N., Baudy-Floc'h M., Brillet B., Le Chevalier P., Fleury Y., 2013. Antimicrobial peptides in oyster hemolymph: the bacterial connection. *Fish Shellfish Immunol.* 34, 1439–1447.
- Migaw S, Ghrairi T, Le Chevalier P, Brillet B, Fleury Y, Hani K, 2013, Isolation and Characterization of *Enterococci Bacteriocin* Strains from Tunisian Fish Viscera. *Food and Nutrition Sciences*, 4, 701-708
- Desriac F., Jégou C., Balnois E., Brillet B., Le Chevalier P., Fleury Y., 2013. Antimicrobial peptides from marine proteobacteria. *Mar. Drugs* 11, 3632–3660.
- Erauso G, Lakhel F, Bidault-Toffin A, Le Chevalier P, Bouloc P, Paillard C and Jacq A, 2011. Evidence for the role of horizontal transfer in generating pVT1, a large mosaic conjugative plasmid from the clam pathogen, *Vibrio tapetis*, *PLoS One.* 4, n°6 e16759