OFFRET Clément

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CNU Section 64 (Biochemistry and Molecular Biology)

University of Brest

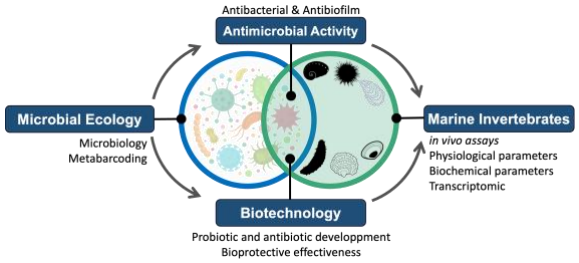
Current Position, Work experience and education

Associate Professor at the University Institute of Technology (Université de Bretagne Occidentale) since 2023.

Year	Degrees	University
2016	Ph.D. in Marine Microbiology and Biochemistry	University of Brest
2013	Master (Valorization of marine bioresources)	University of Brest
2011	Bachelor (Biology of Marine organisms)	University of Brest
2009	Associates degree (Biological and Biochemical Analyzes)	University of Brest

Research activities and skills

My aim is to decipher the role of microbiota in marine invertebrates using metabarcoding approaches. From cultivable microbiota, an antibacterial screening has enabled us to identify new antibacterial strains, and develop them as probiotics for aquaculture applications. The antibacterial or antibiofilm compounds produced were characterized by LC-MS/MS, and valorized as new antibiotics for human health.



Summary of teaching activities

Biological engineering department of University Institute of Technology (Quimper, France) : Biochemistry, Molecular Biology, Omics, Biotechnology, Bioinformatic, Biostatistics.

Administrative duties

Lab. Council of LUBEM (PhD representative) and LBCM (temporary personal representative), Reviewing (Marine Biotech., Mar. Drugs, Aq. toxicology), Member of MuFoPAM Network and AFEM association.

Publications: 13 articles in international journals (the 5 most relevant)

C. Offret, O. Gauthier, G. Despréaux, A. Bidault, C. Corporeau, P. Miner, B. Petton, F. Pernet, C. Fabioux, C. Paillard, G. Le Blay. Microbiota of the digestive glands and extrapallial fluids of clams evolve differently over time depending on the intertidal position. *Microbial Ecology* **2022**, DOI *10.1007/s00248-022-01959*-0. (5-Year Impact Factor: 4.093)

C. Offret, H. Cuny, P.E. Bodet, C. Jégou, A. Bazire, R. Chevrot, V. Thiery, B. Brillet, Y. Fleury. Alterins, a new family of marine antibacterial cyclolipopeptides. *International Journal of Antimicrobial Agents* **2021**, DOI *10.1016/j.ijantimicag.2021.106514*. (5-Year Impact Factor: 5.283)

H. Cuny†, **C. Offret†,** A. M. Boukerb, L. Parizadeh, O. Lesouhaitier, P. Le Chevalier, C. Jegou, A. Bazire, B. Brillet, Y. Fleury. *Pseudoalteromonas ostreae* sp. nov., a new bacterial species harbored by the flat oyster *Ostrea edulis*. *International Journal of Systematic and Evolutionary Microbiology* **2021**, DOI *10.1099/ijsem.0.005070*. (5-Year Impact Factor: 2.683)

C. Offret, S. Paulino, O. Gauthier, K. Château, A. Bidault, P. Miner, B. Petton, F. Pernet, C. Corporeau, C. Fabioux, C. Paillard, G. Le Blay. The marine intertidal zone shapes oyster and clam digestive bacterial microbiota. *FEMS Microbiology Ecology* **2020**, DOI *10.1093/femsec/fiaa078*. (5-Year Impact Factor: 4.139)

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 Antimicrobial Proteins* **2018**, DOI *10.1007/s12602-018-9389-8*. (5-Year Impact Factor: 4.145)