

STUDIES/QUALIFICATIONS

- 2021-2022 **PhD Physio-biology // Environmental Pollution and Toxicology (UPPA-INRAE and UPV/EHU)**
- 2019-2021 **MSc Dynamics of Aquatic Ecosystems - UPPA (Anglet)**
- MSc 1st year : **Major of promotion**
 - MSc 2nd year : **Major of promotion in Semester 9**
- Excellence Grant "Académie des talents" 2020-2021 E2S UPPA**
- Selected for the **PhD Grants consortium 2021 - E2S UPPA**
- 2018-2019 **BSc 2nd year - Biology of Organisms - UPPA (Anglet); 2nd/49**
- 2016-2017 **Preparatory Class for "grandes écoles" ATS Biologie, Louis Pasteur School (Lempdes) - Validation of BSc 3rd year**
- 2014-2016 **DUT biological engineering ABB - UCA (Clermont Ferrand)**
- Level 1 Animal Experimentier**



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INTERNSHIPS- PROFESSIONAL EXPERIENCE

- 2021 **PhD Physio-biology // Environmental Pollution and Toxicology (UPPA-INRAE and UPV/EHU) - Role of stress in the facultative migration of the glass eel (*Anguilla anguilla*)**
- 2021 **MSc 2 - 6 months - Can the shell of *Corbicula fluminea* be a temporal archive of metal pressure in freshwater? - IPREM/ UPPA - Report written in English**
- 2020 **MSc 1 - 6 months - Study of the effects of multiple contaminations on the reproductive behaviour of river lampreys - INRAE/ UPPA - Report written in English**
- 2019 **BSc 2 - 1 month - Field monitoring of the reproduction of the Sea Lamprey - INRAE/ UPPA**
- 2017 - 2018 **Civic contract - 12 months - School help within the framework of the "Devoirs Faits" program**
- 2016 **DUT - 2 months - Impact of nitrogen nutrition on protein composition of soft wheat -INRAE Clermont Fd**

SKILLS

- **Laboratory and field analysis**
 - RP-HPLC and LC-MS-MS
 - Lipids extraction and quantification by absorbance
 - Physico-chemical analyses (pH, Temperature, conductivity, dissolved oxygen, suspended solids)
 - **Shell chemical microanalyses – Laser Ablation coupled with an inductively coupled plasma mass spectrometry (LA ICP-MS)**
 - **Shell surface Analysis – TOF SIMS**
 - Total digestion of shells and soft body
 - Metals measurements by **ICP-MS** (water, sediment, organisms)
 - RNA extraction/ Nano-drop/ Bioanalyser
 - DNA extraction
- **Statistical tools**
 - **Univariate / multivariate analyses**
 - **Time series and spatial analyses**
 - Bayesian modelling
 - Simulations of data sets
 - **Sampling strategy**
- **Population dynamics**
 - Modelling of populations
 - Monitoring of a population by Capture-Mark-Recapture
- **Ecotoxicology**
 - **Design of field mollusk caging** for rivers and implementation for biomonitoring puposes
 - **Ecotoxicological tests** in outdoor **mesocosms**
 - **Long term metal exposure** experiments
 - **Metal accumulation** in mollusk soft tissues and shell
 - Chronic contamination
- **Behavioural biology**
 - Determination of the **migration phenotype** in an experimental design
- **Genetics**
 - Population genetic
 - RNAseq / PoolSeq



Mastery of software

- **R Studio**
- QGIS
- Pack Office / Access
- BORIS



English - B2
Spanish - A2/B1
Occitan - B2

PAPERS

M. Dhamelincourt, M. Buoro, J. Rives, **S.Sebihi** and C. Tentelier - 2021 - J.Fish.Biol. - <https://doi.org/10.1111/jfb.14601>

L. Daupagne, M.Dhamelincourt, A.Michaud, J. Rives, S.Sebihi and C. Tentelier - 2022 J.Fish.Biol - <https://doi.org/10.1111/jfb.15164>

ASSOCIATION

President of the "Comité des fêtes" (Lozère) since 2019
Formerly vice-treasurer (2017-2019)