CONFERENCES/WORKSHOPS

2019   **World Congress of Malacology (WCM 2019), Pacific Grove, California, USA**
Deciphering shell color pigmentation pathways in the pearl oyster Pinctada margaritifera (Linnaeus, 1758) through whole transcriptome sequencing and fine gene expression tuning – **Stenger PL.**, Ky CL., Reisser C., Planes S., Vidal-Dupiol J.

2017   **GDEGeM European Cetacean Society (GDEGeM ECS 2017), Marseille, France**
Identification of bottlenose dolphin's management units to develop a monitoring and conservation strategy in the French Mediterranean waters
Labach H., **Stenger PL**, Barbier M., Di-Méglio N., Jourdan J., David L., Roul M., Azzinari C., Robert N., Cesarini C., Ballardini M., Vittoria Riina M., Simon-Bouhet B. & Gimenez O.

2015   **International Symposium of Green Chemestry (ISGC 2015), La Rochelle, Fance**
Testing correlations between genetic diversity and chemical pollutiuon exposure in a bioaccumalting marine bivalve (2015**)** Viricel A., **Stenger PL.**, Becquet V., Pante E., Bonnet A., Churlaud C., Le Floch S., Graber M., Pageaud M., Thomas-Guyon H.

GENERAL AND TECHNICAL SKILLS

Languages: French (mother tongue) | English (Level B1, Institutional TOEFL ~500 pts)
Scuba diving: FFESSM 3 stars, scientific diving formation BIOSOUM (2016), Submarine photographer
Licenses: Car (French B and international), Coastal and offshore boat license
Laboratory/field techniques: genetics/genomics (Licor-Sequencing, DNA & RNA extraction & purification, ChIP-native, ChIP-crosslink, RT-q-PCR, etc.), ecophysiology (aquarium maintenance with classical parameters measurement, oximetric measures, algal biomasses measurement, etc.), ecology (submarine quadrat measurement, Submarine UVC, taxonomic identification of some Mollusca, submarine photography)
Bioinformatics techniques: Micro satellites and mitochondrial markers analyses, treatment and analyses of Next Generation Sequencing data (transcriptomic (RNA-Seq), genomic (PWGS), and epigenomic (ChIP-Seq, BS-Seq) data) under Linux, MacOs and Windows environment. R (package creation), knitr, bash, cshell encrypting: confortable, Galaxy plateform: familiar, Python: base.
Software: classics (Pack Office & LaTeX/MarkDown | Gimp | R, R studio | GIS software | GitHub), genetics (Sequencher | Arlequin | PopArt network | Ugene| 4Peaks), NGS base treatments (FastQC | Trimmomatic | TrimGalore! | FlagStat), NGS aligner (Bowtie | TopHat | BWA | Bismark), NGS differential analysis (DeSeq2 | MethylKit | ChromStar), NGS variant calling (FreeBayes | Popoolation2), NGS enrichment (RBGOA | GOATOOLS | REVIGO)

TEACHING EXPERIENCE

2018   Master 2nd year teaching: Genomics and selection for aqua and agriculture (2 hours)
Master 2nd year practical work: Study of the expression of two mineralization genes (PIF and Aspein) in the pearl oyster *Pinctada margaritifera*. (16 hours) University of French Polynesia and Ifremer, Tahiti

2018   Several presentations on the thematic "coral reef: from gene to ecosystem" for primary schools, colleges and high schools in Tahiti & Raiatea islands (36 hours)