

DR. ALEXANDRA ANH-THU WEBER

Date & place of birth: 14.08.1987 in Lausanne, Switzerland
Civil & family status: Married, one son (*17.01.2020)
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EMPLOYMENT HISTORY

- 2018, Oct – present **Marie Sklodowska-Curie Global Fellow** “The molecular drivers of deep-sea adaptation in brittle stars”.
Outgoing phase (24 months): Museums Victoria, Melbourne, Australia. Collaboration with Dr. Timothy D. O’Hara.
Return phase (12 months): Ifremer, Brest, France. Collaboration with Dr. Jozée Sarrazin & Dr. Sophie Arnaud-Haond.
- 2018, April – September **Endeavour Postdoctoral Research Fellow** (Museums Victoria, Melbourne, Australia) on the Australian Endeavour Research Fellowship “The molecular drivers of deep-sea adaptation in brittle stars”. Collaboration with Dr. Timothy D. O’Hara.
- 2015, May – 2018, Feb **Postdoctoral researcher** (Zoological Institute, University of Basel, Switzerland) on the SNSF research project “The role of ecology and phenotypic plasticity in adaptive divergence in East African cichlid fishes”. Advisor: Prof. Dr. Walter Salzburger.
- 2015 February – March **Benthic Biologist** on the deep-sea research cruise ABYSSLINE02 in the Pacific Ocean (National Oceanography Centre, United-Kingdom). Advisor: Dr. Andrew J. Gooday

CAREER BREAK

2020, January-April Maternity leave (4 months)

EDUCATION

- 2011 Oct – 2015 Jan **PhD in Oceanography** (Mediterranean Institute of continental and marine Biodiversity and Ecology, Aix-Marseille University, Marseille, France).
PhD scholarship by the French Ministry of Education, based on excellence criteria.
Thesis title: “Ecological and genetic study of the brittle star species complex *Ophioderma longicauda*: comparative study between brooding and broadcasting lineages”.
PhD advisor: Dr. Anne Chenuil.
Defended on the 16th of January 2015. Highest distinction: “Très honorable”
- 2009 Sept – 2011 June **Master of Oceanography**, Marine Biology and Ecology (Marseille Oceanology Centre, Aix-Marseille University, Marseille, France).
Master achieved with GPA 16.5/20, 2nd best score in year. Highest distinction: “Très bien”
- 2011 Jan – 2011 June **Master project** (Department of Genetics & Evolution, University of Geneva, Switzerland).
Advisor: Prof. Dr. Jan Pawlowski
- 2006 Sept – 2009 June **Bachelor of Science** in Biology (Faculty of Biology & Medicine, University of Lausanne, Switzerland)

- **Weber A. A-T**, Hugall A. F. and O'Hara T. D. (2020) Convergent evolution and structural adaptation to the deep ocean in the protein folding chaperonin CCT α . **Genome Biology and Evolution**. Early online version. BioRxiv preprint: <https://www.biorxiv.org/content/10.1101/775585v3>
 - Stöhr S., **Weber A. A-T**, Boissin E. and Chenuil A. (2020) Resolving the *Ophioderma longicauda* (Echinodermata: Ophiuroidea) cryptic species complex: five sisters, three of them new. **European Journal of Taxonomy**. 600: 1-37.
 - Böhne A.*, **Weber A. A-T***, Rajkov J., Reschsteiner M., Riss A., Egger B. and Salzburger W. (2019) Repeated evolution versus common ancestry: Sex chromosome evolution in the haplochromine cichlid *Pseudocrenilabrus philander*. ***Equal contribution. Genome Biology and Evolution**. 11:439-458.
 - **Weber A. A-T**, Stöhr S. and Chenuil A. (2019) Species delimitation in the presence of strong incomplete lineage sorting and hybridization: lessons from *Ophioderma* (Ophiuroidea: Echinodermata). **Molecular Phylogenetics and Evolution**. 131: 138-148. BioRxiv preprint: <https://doi.org/10.1101/240218>
 - Gooday A. J., Holzmann M., Goineau A., Kamenskaya O., Melnik V. F., Pearce R. E., **Weber A. A-T** and Pawlowski J. (2018) Xenophyophores (Rhizaria, Foraminifera) from the eastern Clarion Clipperton Zone (eastern equatorial Pacific): the genus *Psammia*. **Protist**. 169: 926-957.
 - Rajkov J., **Weber A. A-T**, Salzburger W. and Egger B. (2018) Immigrant and extrinsic hybrid inviability contribute to reproductive isolation between lake and river cichlid ecotypes. **Evolution**. 72: 2553-2564.
 - Rajkov J., **Weber A. A-T**, Salzburger W. and Egger B. (2018) Adaptive phenotypic plasticity contributes to divergence between lake and river populations of an East African cichlid fish. **Ecology & Evolution**. 8: 7323-7333.
 - Fraïsse C., Haguenaer A., Gérard K., **Weber A. A-T**, Bierne N. and Chenuil A. (2018) Fine-grained genetic-environment association in an admixed population of mussels in the small isolated Kerguelen Island. bioRxiv, 239244, ver. 4 peer-reviewed and recommended in **Peer Community In Evolutionary Biology**.
- PCI Evol Biol recommendation: Elias M. (2018) Introgression from related species reveals fine-scale structure in an isolated population of mussels and causes patterns of genetic-environment associations. **Peer Community In Evolutionary Biology**, 100059.
- Gooday A. J., Holzmann M., Goineau A., Pearce R. E., Voltski I., **Weber A. A-T** and Pawlowski J. (2018) Five new species and two new genera of xenophyophores (Foraminifera, Rhizaria) from part of the abyssal equatorial Pacific licensed for polymetallic nodule exploration. **Zoological Journal of the Linnean Society**. 183: 723-748.
 - Gooday A. J., Holzmann M., Caille C., Goineau A., Jones D.O.B., Kamenskaya O., Simon-Lledó E., **Weber A. A-T** and Pawlowski J. (2018) New species of the xenophyophore genus *Aschemonella* (Rhizaria: Foraminifera) from areas of the abyssal eastern Pacific licensed for polymetallic nodule exploration. **Zoological Journal of the Linnean Society**. 182: 479-499.
 - **Weber A. A-T**, Abi-Rached L., Galtier N., Bernard A., Tuberosa J., Montoya-Burgos J.I. and Chenuil A. (2017) Positive selection on sperm ion channels in a brooding brittle star: consequence of life-history traits evolution. **Molecular Ecology**. 26: 3744-3759
- Highlighted in the "News and Views" of Molecular Ecology: Hart M.W. and Guerra V. (2017) Finding genes and lineages under selection in speciation. **Molecular Ecology**. 26: 3587-3590.
- Cahill A. E., De Jode A., Dubois S., Bouzaza Z., Aurelle D., Boissin E., Chabrol O., David R., Egea E., Ledoux J.-B., Mérigot B., **Weber A. A-T** and Chenuil A. (2017) A multispecies approach reveals hot-spots and cold-spots of diversity and connectivity in invertebrate species with contrasting dispersal modes. **Molecular Ecology**. 26: 6563-6577.
 - Gooday A. J., Holzmann M., Caille C., Goineau A., Kamenskaya O., **Weber A. A-T**, Jan Pawlowski J. (2017) Giant protists (xenophyophores, Foraminifera) are exceptionally diverse in parts of the abyssal eastern Pacific licensed for polymetallic nodule exploration. **Biological Conservation**. 207: 106-116

- Abila R., Akoll P., Albertson C., Antunes D., Banda T., Bills R., Bulirani A., Chocha Banda A., Cohen A.S., Cunha-Saraiva F., Derycke S., Donohue I., Du M., Dudu A.M., Egger B., Fritzsche K., Frommen J.G., Gante H.F., Genner M.J., Härer A., Hata H., Irvine K., Isumbiso Mwapu P., Janssens de Bisthoven L., Jungwirth A., Kaleme P., Katongo C., Kéver L., Koblmüller S., Konings A., Lamboj A., Lemmel-Schaedelin F., Machado Schiaffino G., Martens K., Masilya P., Meyer A., More H.L., Musilova Z., Muterezi Bukinga F., Muzumani R., Ntakimazi G., Okello W., Phiri H., Pialek L., Plisnier P.D., Raeymaekers J.A.M., Rajkov J., Rican O., Roberts R., Salzburger W., Schoen I., Sefc K.M., Singh P., Skelton P., Snoeks J., Schneider K., Sturmbauer C., Svardal H., Svensson O., Torres Dowdall J., Turner G.F., Tyers A., van Rijssel J.C., Van Steenberge M., Vanhove M.P.M., Verheyen E., **Weber A.A-T.**, Weyl O., Ziegelbecker A. & Zimmermann H. (2016) Oil extraction imperils Africa's Great Lakes. **Science**. 354:561-562
- **Weber A. A-T**, Mérigot B., Valière S. and Chenuil A. (2015) Influence of the larval phase on connectivity: strong differences in the genetic structure of brooders and broadcasters in the *Ophioderma longicauda* species complex. **Molecular Ecology**. 24: 6080-6094
- **Weber A. A-T**, Stöhr S. and Chenuil A. (2014) Genetic data, reproduction season and reproductive strategy data support the existence of biological species in *Ophioderma longicauda*. **Comptes Rendus Biologies**. 337: 553-560
- Romiguier J, Gayral P, Ballenghien M, Bernard A, Cahais V, Chenuil A, Chiari Y, Derrat R, Duret L, Faivre N, Loire E, Lourenco JM, Nabholz B, Roux C, Tsagkogeorga G, **Weber A.A-T**, Weinert LA, Belkhir K, Bierne N, Glémin S and Galtier N (2014) Comparative population genomics in animals uncovers the determinants of genetic diversity. **Nature**. 515, 261-263
- **Weber A. A-T** and Pawlowski J. (2014) Wide occurrence of SSU rDNA intragenomic polymorphism in Foraminifera and its implications for molecular species identification. **Protist** 165(5): 645-661
- **Weber A. A-T**, Dupont S. and Chenuil A. (2013) Thermotolerance and regeneration in the brittle star species complex *Ophioderma longicauda*: A preliminary study comparing lineages and Mediterranean basins. **Comptes Rendus Biologies** 336: 572-581
- **Weber A. A-T** and Pawlowski J. (2013) Can abundance of protists be inferred from sequence data: a case study of Foraminifera. **PLoS One** 8(2): e56739.



PRIZES, AWARDS & FELLOWSHIPS (TOTAL FUNDING: 390K EUR)

2020, July	Micro One World Grant covering open access publication fees for an article in Genome Biology and Evolution. Awarded from the Marie Curie Alumni Association (amount: 1000 EUR)
2018, January	Marie Skłodowska-Curie Global Fellowship covering 36 months of research for the project "The molecular drivers of deep-sea adaptation in brittle stars". Outgoing phase: Museums Victoria, Melbourne, Australia. Return phase: IFREMER, France. Awarded from the European Commission, Research & Innovation (amount: 270,000 EUR)
2017, November	Endeavour Research Postdoctoral Fellowship covering 6 months of research for the project "The molecular drivers of deep-sea adaptation in brittle stars". Museums Victoria, Melbourne, Australia. Awarded from the Australian Government, Department of Education and Training (amount: 15,000 EUR)
2017, September	Travel Award covering registration, travel and accommodation for the ESEB conference 2017, awarded from the University of Basel (amount: 600 EUR)
2016, April	Registration Award covering registration fees for the SMBE conference 2016, awarded from the SMBE (amount: 500 EUR)
2016, May	Travel Award covering travel and accommodation for the SMBE conference 2016, awarded from the University of Basel (amount: 900 EUR)
2015, July	Christopher Augur Prize: special prize of the jury rewarding scientific investment during the PhD. Awarded from the Mediterranean Institute of Biodiversity and Ecology (IMBE), Marseille, France

2012, July	ASSEMBLE Fellowship covering travelling, lodging, sampling and molecular work in Faro and Sagres, Portugal (amount: 2500 EUR)
2011, July	PhD Scholarship for 3 years of the French Ministry of Education, based on excellence criteria (Amount: 100,000 EUR)

SUPERVISION ACTIVITIES (3 BACHELOR STUDENTS; 1 MASTER STUDENT)

2019 Nov-Dec	Bachelor project supervision (Museums Victoria, Australia) Supervision and mentoring of one Bachelor student for a Bachelor project consisting in dissecting and sexing brittle star museum specimens, perform DNA extraction, quantification and quality control.
2018 January-March	Master project supervision (University of Basel, Switzerland) Co-supervision and mentoring of one Master student for a Master project consisting in investigating olfactory receptor diversity in <i>Astatotilapia burtoni</i> populations using whole-genome data.
2017 March-April	Bachelor project supervision (University of Basel, Switzerland) Supervision and mentoring of two Bachelor students for a Bachelor project consisting in investigating opsin diversity in <i>Astatotilapia burtoni</i> populations using whole-genome data.

TEACHING EXPERIENCE (TOTAL: 318H)

2018 January-February	Teaching assistant in Speciation Genomics (Cesky Krumlov, Czech Republic) TA in the two-week workshop on "Population and Speciation Genomics" (www.evomics.org). Development of a UNIX tutorial & assisting teaching faculty for bioinformatic practical work.
2011 Oct – 2014 Sept	Teaching assistant in Biology (Aix-Marseille University, France) Lecture (L) and practical work (PW) for 3 academic years: <ul style="list-style-type: none"> • molecular biology (18h/year PW) • population genetics (4h/year L; 10h/year PW) • zoology (4h/year L; 12h/year PW) • botany (4h/year L; 12h/year PW)

INVITED SEMINARS & CONFERENCE PRESENTATIONS

2020, August	eDSBS , Deep-Sea Biology Society's online conference. "Convergent evolution and structural adaptation to the deep ocean in the protein folding chaperonin CCT α " (online oral communication)
2019, October	Boden Research Conference , Evolutionary Transformations in Vertebrate History, Melbourne, Australia. "Speciation dynamics and (non)parallel evolution along an ecological gradient in African cichlid fish" (oral communication)
2019, August	Invited seminar , "Convergent evolution and structural adaptation to the deep ocean in the eukaryotic chaperonin CCT α ". (Museums Victoria, Melbourne, Australia)
2019, March	Gordon Research Seminar and Conference on Speciation (GRS & GRC), Ventura, United States of America. "Speciation dynamics along a ecological gradient" (GRS: selected oral communication; GRC: poster)
2018, August	Evolution 2018 , II Joint Congress on Evolutionary Biology, Montpellier, France. "The speciation continuum revisited: lessons from East African cichlids" (selected oral communication).
2018, July	Invited seminar , "Speciation dynamics and (non)parallel evolution along an ecological gradient in African cichlid fish" (Museums Victoria, Melbourne, Australia)
2017, November	Invited seminar , "Speciation dynamics and (non)parallel evolution along an ecological gradient in African cichlid fish" (University of Basel, Basel, Switzerland)

2017, September	Cichlid Science 2017 , the international biennial conference on Cichlid Biology, Prague, Czech Republic. “Genomics of adaptive divergence in East African cichlid fishes: a comparative approach” (oral communication)
2017, August	ESEB 2017 , Congress of the European Society for Evolutionary Biology, Groningen, Netherlands. “Genomics of adaptive divergence in East African cichlid fishes: a comparative approach” (poster)
2016, July	SMBE 2016 , Society for Molecular Biology and Evolution conference 2016, Gold Coast, Australia. “Genomics of adaptive divergence in East African cichlid fishes: a comparative approach” (poster)
2016, February	Biology 16 , the Swiss conference on organismic biology, Lausanne, Switzerland. “Natural selection drives sperm motility in the species complex <i>Ophioderma longicauda</i> ” (oral communication)
2015, September	Cichlid Science 2015 , the international biennial conference on Cichlid Biology, Graz, Austria. “Adaptive divergence in East African cichlid fishes: a comparative approach” (poster)
2014, February	ALPHY – PhyloSIB , Swiss-French meeting on Bioinformatics and Evolutionary Genomics, Geneva, Switzerland. “Comparative study of the <i>Ophioderma longicauda</i> species complex: divergent patterns of connectivity and genetic diversity between brooding and broadcasting lineages” (oral communication)
2014, February	Biology 14 , the Swiss conference on organismic biology, Geneva, Switzerland. “Comparative study of the <i>Ophioderma longicauda</i> species complex: divergent patterns of connectivity and adaptation between brooding and broadcasting lineages” (poster)
2013, October	40th CIESM congress , Marseille, France. “Comparative study of the <i>Ophioderma longicauda</i> species complex: divergent patterns of connectivity and adaptation between brooding and broadcasting lineages” (flash oral presentation and poster)
2013, August	Petit Pois Dérivé , annual meeting in population genetics and biology, Marseille, France. “Comparison of the genetic structure in the species complex <i>Ophioderma longicauda</i> : influence of the dispersal ability on the connectivity and genetic diversity” (oral communication)
2013, June	MarCo 2013 , French meeting in Marine Connectivity, Marseille, France. “Study of the genetic structure in the species complex <i>Ophioderma longicauda</i> : comparison between brooding and broadcasting lineages” (oral communication)
2012, October	MarCo 2012 , French meeting in Marine Connectivity, Roscoff, France. “Comparing the connectivity in cryptic species of <i>Ophioderma longicauda</i> : influence of the reproduction mode” (oral communication)

REVIEWING ACTIVITIES (TOTAL: 16 MANUSCRIPTS)

Systematic Biology; Molecular Ecology; Evolutionary Applications; Scientific reports; PeerJ; Marine Biology; Invertebrate Biology; Marine Ecology Progress Series; Comptes Rendus Biologies; Proteins: Structure, Function and Bioinformatics; Continental Shelf Research

ORGANISATION OF CONFERENCES / SEMINARS / NETWORKING EVENTS

2020, September	Member of the organising committee of the Deep-Sea Biology Society Meeting 2021 (organized by Ifremer, Brest, France)
2019, January - present	500WomenScientists Melbourne Pod Coordinator (https://500womenscientists.org)
2018, July - present	Organisation of the biweekly Science Interaction Seminars (Museums Victoria, Melbourne, Australia)
2016, June	Organisation of the Science Day for the Salzburger Lab (University of Basel, Switzerland)
2013, August	Member of the organising committee of the Petit Pois Dérivé conference (Aix-Marseille University, France)

RESEARCH STAYS & FIELDWORK EXPERIENCE (TOTAL: 49 WEEKS)

2018, Nov – Dec	Research cruise IN2018_V06 on R/V Investigator (CSIRO, Australia). Assessment of the status and recovery of deep-sea coral communities on seamounts in iconic Australian marine reserves (Southern Ocean). Gear used: beam trawl; CTD. (4 weeks)
2018, March	PADI Advanced Open Water diver certification (Bohol, Philippines)
2016, July – August, 2015, Nov – Dec, 2015, July – August	Experiment monitoring and sampling in Zambia targeting the cichlid fishes <i>Astatotilapia burtoni</i> and <i>Pseudocrenilabrus philander</i> . Gear used: minnow traps, fishing rods. (Total: 13 weeks)
2015, Feb – March	Research cruise ABYSSLINE 02 on R/V Thompson (National Oceanography Centre, UK). Assessment of the foraminiferal biodiversity baseline in the polymetallic nodule mining area of the Clarion-Clipperton Zone (Pacific Ocean). Gear used: mega-corer and box-corer. (6 weeks)
2015, January	Research stay with Andrew J. Gooday (National Oceanography Centre, UK) (1 week)
2014, January - March	Research stay with Laurent Abi-Rached (UMR URMITE, Aix-Marseille University, Marseille, France) for bioinformatic training (transcriptome assembly; orthologous gene prediction; phylogenomics). (3 months)
2011 - 2014	Sampling targeting the brittle star <i>Ophioderma longicauda</i> . Sampling by SCUBA diving in various locations (Greece; Portugal; Tunisia; Canary Islands; Madeira). (6 weeks)
2012, July	Research stay with João Reis at the Centre for Marine Sciences (CCMAR, University of Algarve, Faro, Portugal) to sample the brittle star <i>Ophioderma longicauda</i> and perform molecular analyses (DNA extraction, PCR and lineage genotyping). (2 weeks)
2012, April – May	Research stay with Christos Arvanitidis at the Hellenic Centre for Marine Research (HCMR, Crete, Greece) to sample the brittle star <i>Ophioderma longicauda</i> , monitor its reproductive cycle and perform molecular analyses. (5 weeks)
2010, June	Research cruise MEDITS (Ifremer, Sète, France). Assessment of commercial demersal resources (fishes, crustaceans and cephalopods) from the trawling zones of Corsica and Gulf of Lion (Mediterranean Sea). Gear used: beam trawl. (1 week)
2008, September	CEDIP/ANMP* diver certification (Le Brusac, France)

FURTHER TRAINING & WORKSHOPS

2019, June	SMBE satellite workshop/meeting on Speciation , Tjärnö, Sweden (participation on a competitive basis)
2019, June	Summer School on Networks and Evolution , Roscoff, France (participation on a competitive basis)
2018, February	Winter School WGS Assembly and Annotation , Monte-Verità, Switzerland
2017, November	Workshop “Leading a research group” , Basel, Switzerland
2017, February	Winter school Bioinformatics for Adaptation Genomics , Weggis, Switzerland
2016, February	Women in science workshop , No excellence without diversity: promoting gender equality in ecology and evolutionary biology. Lausanne, Switzerland
2016, January	Workshop on Population and Speciation Genomics , Cesky Krumlov, Czech Republic (participation on a competitive basis)

2011-2014 **Courses on teaching skills:** Learning with projects; group working; communication; conflicts management; tutelage; posture and voice; integration of foreign students; evaluation.
Marseille, France

LANGUAGES

French First language
English Fluent (working language; TOEFL certificate)
German Conversational (9 years of study at school; C1 certificate)

BLOG & OUTREACH ACTIVITIES

2020, January Filmed interview in the documentary: "Seamounts coral survey 2018 Episode 3: Life in the matrix". Showed at several outreach events. (<https://youtu.be/pLo8YSuuQhY>)

2019, October Blogpost on personal website: "How to get a postdoc mobility fellowship?". (<http://www.alexandra-anh-thu-weber.com/blog/blogpost1/>)

2019, August General public talks for the two events 'National Science Week Launch' and 'Science on Show': "Exploring brittle star genomics to uncover mechanisms of deep-sea adaptation" (Museums Victoria, Melbourne, Australia)

2019, August Participation in the '10s science challenge' social media event (Museums Victoria, Melbourne, Australia)

2018, December Cruise News article in Deep-Sea Life vol.12: "Tasmanian seamounts: have deep-sea corals recovered?" (http://www.indeep-project.org/indeep/sites/indeep/files/documents/DSL12_Dec_2018_small.pdf)

2018, November Blogpost for the seamount corals survey 2018: "Brittle stars on corals: opportunists or partners?" (<https://www.nespmarine.edu.au/brittle-stars-corals-opportunists-or-partners>)

2018, June General public talk at Museums Victoria Nocturnal Event: "Bioluminescence in the twilight zone" (Museums Victoria, Melbourne, Australia)

2010, September Participation in the open day of the Marseille Oceanology Centre: "Septembre en mer: Portes ouvertes du Centre d'Océanologie de Marseille" (Marseille, France)

SCIENTIFIC SOCIETY MEMBERSHIPS

Deep-Sea Biology Society, Society for Molecular Biology and Evolution, European Society for Evolutionary Biology, Society for the Study of Evolution, Swiss Systematics Society, FemWiss (Swiss Association for Women in Research)

COLLABORATORS (PAST AND PRESENT)

Dr. Timothy D. O'Hara	Museums Victoria, Melbourne, Australia
Dr. Andrew F. Hugall	Museums Victoria, Melbourne, Australia
Dr. Adnan Moussalli	Museums Victoria, Melbourne, Australia
Dr. Matthew D. McGee	Monash University, Melbourne, Australia
Prof. Dr. Parwinder Kaur	University of Western Australia, Perth, Australia
Dr. Sophie Arnaud-Haond	Ifremer, Sète, France
Dr. Jozée Sarrazin	Ifremer, Brest, France
Dr. Anne Chenuil	IMBE, CNRS, Marseille, France
Dr. Sabine Stöhr	Swedish Museum of Natural History, Stockholm, Sweden
Dr. Sam Dupont	University of Gothenburg, Fiskebäckskil, Sweden
Prof. Dr. Walter Salzburger	University of Basel, Basel, Switzerland
Dr. Bernd Egger	University of Basel, Basel, Switzerland

Dr. Jelena Rajkov	GEOMAR, Kiel, Germany
Dr. Astrid Böhne	Research Museum Alexander Koenig, Bonn, Germany
Prof. Dr. Jan Pawlowski	University of Geneva, Geneva, Switzerland
Dr. Juan I. Montoya-Burgos	University of Geneva, Geneva, Switzerland
Dr. Andrew J. Gooday	National Oceanography Centre, Southampton, United-Kingdom

REFERENCES

Dr. Anne Chenuil	CNRS Research Director , IMBE, Aix-Marseille University, France Evolutionary Genetics, Population Genetics of Marine Invertebrates
Prof. Dr. Walter Salzburger	Full Professor , Zoological Institute, University of Basel, Switzerland Molecular Evolution, Speciation, Adaptive Radiation in Cichlid Fishes
Dr. Timothy D. O'Hara	Senior Curator , Museums Victoria, Melbourne, Australia Molecular Evolution, Phylogenomics and Taxonomy of Ophiuroidea
Dr. Sophie Arnaud-Haond	Ifremer Research Scientist , Ifremer, Sète, France Marine Evolutionary Ecology; Population Genetics and Evolutionary Theory