



Photo Credit: Natacha Roux, Observatoire Océanologique de Banyuls, France

## Understand the Incredible Odyssey of Fish Larvae

### 教授からのコメント /

#### COMMENT FROM PROFESSOR

« Fish larvae are so important for our daily life. This is simple to understand: No fish larvae, no sashimi ! And despite their importance, we know virtually nothing about them in the wild. Help us unravel this mystery of all mysteries »



### Dr. Vincent Laudet

#### Professor

Marine Eco-Evo-Devo Unit

2020-Now: Faculty at OIST and Research Fellow  
at Academia Sinica, Taiwan

2015-2020: Director, Marine Station of Banyuls-  
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2008-2015: Directeur, Functional Genomics  
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### 研究概要 / SUMMARY

Fishes we get in the market, the delicious maguro or the grouper from aquaculture farms, all start as tiny fish larvae that are lost somewhere in the oceanic plankton. But we don't know how such tiny organism live and survive in an environment as big as the ocean! To address this conundrum, we identified a unique atoll in the Tuamotous archipelago (in French Polynesia) which is entirely closed but full of fish. This means that in this atoll, marine fishes do their entire life cycle within an enclosed space providing us with a unique opportunity for the first time to finally find and study fish larvae in their natural environment. At the end of 2022 we will organize an expedition in this remote atoll, and we hope to succeed in our quest to solve the mystery of the odyssey of essential fish larvae.

### 寄附金の使途 / USE OF DONATIONS

1. Support our search for fish larvae in a unique remote closed atoll in the Fakarava biosphere reserve.
2. Genome sequence of fish larvae captured in the wild in this remote closed atoll in the Tuamotous archipelago.
3. Establish and maintain our fish husbandry and fish larvae rearing to better understand their life cycle in the lab.

### 寄附金の特典 / BENEFITS

1. The contribution will be acknowledged in any scientific or outreach paper we produce.
2. Acknowledgement in the 52' documentary that will be produced on the Tuamotous archipelago expedition.
3. We will be happy to organize a discovery visit of our fish husbandry and to help you learn about them in more detail.