





Sonia DUFOUR


3rd year PhD student – Integrative Biology of Marine Models Laboratory
Station Biologique de Roscoff



 December 15th 1997
(25 years old)

 1 impasse des mouettes
29 680 ROSCOFF

 sonia.dufour97@gmail.com

 06.24.55.85.43

CORE AND PROFESSIONAL SKILLS

Computer skills:

Pack Office, PRISM software, FIJI software


Laboratory skills:

Confocal microscopy, Microinjection, Handling of sea urchin model, Production of fusion proteins (from PCR and cloning to purification and dialysis), Immunofluorescence, Western Blot, Electrophoresis on agarose gel, Results analysis and production of original data, Writing of reports close to scientific articles

Soft skills:

Teamwork, Public communication, Planning, Adaptability, Project management, Entertainment (mediation)

LANGUAGES SKILLS

 **French** – Native language

 **English** – Advanced

 **Spanish** - Beginner

HOBBIES

Sailing, Guitar, Hiking

TRAVELS

Germany, Spain, Switzerland, Croatia, Scotland

WORK EXPERIENCE

2021-2024 Preparation of a PhD

Station Biologique de Roscoff – Integrative Biology of Marine Models Laboratory (LBI2M) – UMR 8227 – Translation Cell Cycle and Development Team (TCCD)

2021 6 month Internship in laboratory (January-June)

Station Biologique de Roscoff – Integrative Biology of Marine Models Laboratory (LBI2M) – UMR 8227 – Translation Cell Cycle and Development Team (TCCD)

2020 2 month Bibliography Internship (March-May)

Station Biologique de Roscoff – Integrative Biology of Marine Models Laboratory (LBI2M) – UMR 8227 – Translation Cell Cycle and Development Team (TCCD)

2018 2 month Internship in laboratory (June-July)

Institut de Biologie Paris Seine (IBPS) – Developmental Biology Laboratory – UMR 7622 – Signaling and morphogenesis team

EDUCATION

2019-2021 Sorbonne Université – Faculté des Sciences et Ingénierie

Master Degree in molecular and cellular biology specialized in Developmental biology

With highest honours

2016-2019 Sorbonne Université – Faculté des Sciences et Ingénierie

Bachelor degree in Sciences, Technology and Health Specialized in Life Sciences

With honours

2015-2016 Université Pierre et Marie Curie

First year of medical school

SCIENTIFIC COMMUNICATION

January 2022 Cellular Biology Workshop – Station Biologique de Roscoff

Cell imaging approaches to study autophagy induction in marine invertebrates: Microinjection of tagged proteins

November 2022 Young scientific days – Station Biologique de Roscoff

Lysosome formation during the egg-to-embryo transition in the sea urchin embryo: a novel role for the mTOR pathway?

May 2023 Unit 8227 Seminar – Station Biologique de Roscoff

Role of the mTOR pathway and translation at the egg-to-embryo transition in the sea urchin

May 2023 Boris Ephrussi days – Sorbonne University – Paris

Role of the mTOR pathway and translation at the egg-to-embryo transition in the sea urchin