

Microbial life cycles in a changing ocean

Contributions that address the following topics are welcome:

- Diversity of microbial life cycles in different habitats and environments
- Regulatory and cell signaling mechanisms in life phase transitions
- Life cycle processes and genetic diversity. The role of sexual reproduction, clonal replication and dormancy in evolution
- 'Omics' resources providing new tools for the study of molecular mechanisms and regulatory pathways driving life cycle transitions
- Ecological implications of dormancy for stability of populations and communities in a variable environment
- Novel experimental approaches and advanced observation systems to study life cycle transitions in the environment
- Modelling approaches to life cycle studies on unicellular organisms

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@Tvärminne Zoological Station (Finland)

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Keynote speakers

Denis Roze, CNRS, Station Biologique de Roscoff, France

Jay Lennon, Indiana University, Bloomington, USA

Maria Immacolata Ferrante, Stazione Zoologica Anton Dohrn, Napoli, Italy

Wim Vyverman, Ghent University, Ghent, Belgium

For further information see:

<https://consjoq.wixsite.com/mlcc2022>