

# The molecular life of diatoms

## Satellite meeting on diatom genome editing

Friday July 19th: 10:00 - 15:00



## Topics

Introduction (Peter Kroth)

Session 1: CRISPR/Cas9

- \* CRISPR/Cas9 (Amanda Hopes)
- \* CRISPR Nickase (Hermanus Nawaly)
- \* RNP genome editing (Manual Serif)

Session 2: Bacterial conjugation & Cloning

- \* Bacterial conjugation (Mark Moosburner)
- \* MoClo (Katrin Geisler & Fernán Federici)

Session 3: Deposition of Algae, Sequences, Plasmids and Protocols

- \* Belgian Diatom collection (Wim Vyerman)
- \* Addgene (Benoit Giquel)
- \* protocols.io (Nicole Poulsen)
- \* Genome sequence databank (Chris Bowler)

Organizers: Peter Kroth, Nicole Poulsen & Thomas Mock  
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