

Mireia Cordero
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Biokompleksitet
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Kort præsentation

I am a PhD fellow in biophysics at Jauffred lab . I am enthusiastic about microbial communities. In particular, I am interested in how spatial organisation affects well-established phenomena, such as antibiotic resistance. To study such complex systems, I combine experiments with computational simulations.

Ansættelse

Ph.d.-stipendiat
Biokompleksitet
Københavns Universitet
København Ø
1 aug. 2021 → nu

Publikationer

Motility mediates satellite formation in confined biofilms

Cordero, Mireia, Mitarai, Namiko & Jauffred, Liselotte, 17 aug. 2023, I: ISME Journal. 17, s. 1819-1827 9 s.

Education

2021–2024 PhD in Biophysics, Københavns Universitet, Denmark
2019–2021 MSc in Biophysics, Københavns Universitet, Denmark
2014–2019 BSc in Physics, University of Barcelona, Spain

Teaching

Jan-Apr 2022 Kvantemekanik 1, Københavns Universitet, Denmark, TA lab sessions
Nov22-Jan23 Datologi for fysikere (DatF), Københavns Universitet, Denmark, TA

Relevant skills

General Laboratory skills, from media preparation to sterilization.
Research experience in a Microbiology Laboratory.
Fluorescence microscopy techniques.
Numerical Simulations of biological systems.