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Employment

Professor

Marine Biology

Helsingør, Denmark

1 Feb 2015 → nu

Research outputs

Hydrostatic pressure induces transformations in the organic matter and microbial community composition of marine snow particles

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In Vitro* Evolution of Specific Phages Infecting the Fish Pathogen *Flavobacterium psychrophilum

Castillo, D., Højsting, A. R., Roosvall, A., Smyrlis, G., Jørgensen, J. & Middelboe, Mathias, 2022, In: *PHAGE: Therapy, Applications, and Research*. 3, 1, p. 28-37 10 p.

On Single-Cell Enzyme Assays in Marine Microbial Ecology and Biogeochemistry

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Prevalence of genetically similar *Flavobacterium columnare* phages across aquaculture environments reveals a strong potential for pathogen control

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The Gut Microbiota of Healthy and *Flavobacterium psychrophilum*-Infected Rainbow Trout Fry Is Shaped by Antibiotics and Phage Therapies

Donati, V. L., Madsen, L., Middelboe, Mathias, Strube, M. L. & Dalsgaard, I., 2022, In: *Frontiers in Microbiology*. 13, 21 p., 771296.

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Kunttu, H. M. T., Runtuvuori-Salmela, A., Sundell, K., Wiklund, T., Middelboe, Mathias, Landor, L., Ashrafi, R., Hoikkala, V. & Sundberg, L., 2021, In: Applied and Environmental Microbiology. 87, 16, 19 p., e00812-21 .

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Sohail, H. A., Coffey, A., Debrowska, K., Meyer, I. M., Middelboe, Mathias, Sohail, M. & Clokie, M. R. J., 2020, In: PHAGE: Therapy, Applications, and Research. 1, 2, p. 75-82 8 p.

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Large Phenotypic and Genetic Diversity of Prophages Induced from the Fish Pathogen *Vibrio anguillarum*

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