

Publications

- Harnisch F, Deutzmann JS, Boto ST, Rosenbaum MA (2024) Microbial electrosynthesis: opportunities for microbial pure cultures. *Trends Biotechnol* S0167-7799(24), 00033. (Review)
- Schlembach I, Bardl B, Regestein L, Rosenbaum MA (2024) Nonengineered fungus provides a shortcut from cellulose to bulk *Erythro*-isocitric acid. *ACS Sustainable Chem Eng* 12(9), 3408-3418.
- Boto ST, Bardl B, Harnisch F, Rosenbaum MA (2023) Microbial electrosynthesis with *Clostridium ljungdahlii* benefits from hydrogen electron mediation and permits a greater variety of products. *Green Chem* 25(11), 4375-4386.
- Franco A, Chukwubuikem A, Meiners C, Rosenbaum MA (2023) Exploring phenazine electron transfer interaction with elements of the respiratory pathways of *Pseudomonas putida* and *Pseudomonas aeruginosa*. *Bioelectrochemistry* 157, 108636.
- Munser AS, Trost M, Schröder S, Graf M, Rosenbaum MA, Tünnermann A (2023) Analysis of very low bacterial counts in small sample volumes using angle-resolved light scattering. *Appl Opt* 62(2), 411-418.
- Pourmasoumi F,^{*} Hengoju S,^{*} Beck K, Stephan P, Klopfleisch L, Hoernke M, Rosenbaum MA, Kries H (2023) Analysing megasynthetase mutants at high throughput using droplet microfluidics. *Chembiochem* 24(24), e202300680.
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- Abdollahi M, Al Sbei S, Rosenbaum MA, Harnisch F (2022) The oxygen dilemma: The challenge of the anode reaction for microbial electrosynthesis from CO₂. *Front Microbiol* 13, 947550. (Review)
- Finger M, Palacio-Barrera AM, Richter P, Schlembach I, Büchs J, Rosenbaum MA (2022) Tunable population dynamics in a synthetic filamentous coculture. *MicrobiologyOpen* 11(5), e1324.
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- Franco A, Elbahnasy M, Rosenbaum MA (2022) Screening of natural phenazine producers for electroactivity in bioelectrochemical systems. *Microb Biotechnol* 16(3), 579-594.
- Palacio-Barrera AM, Schlembach I, Finger M, Büchs J, Rosenbaum MA (2022) Reliable online measurement of population dynamics for filamentous co-cultures. *Microb Biotechnol* 15(11), 2773-2785.
- Paquete C, Rosenbaum MA, Baneras L, Rotaru AE, Puig S (2022) Let's chat: Communication between electroactive microorganisms. *Bioresour Technol* 347, 126705. (Review)

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