

### **A COST Action on microbial responses to low pH : developing links and sharing resources across the academic-industrial divide**

Azizi, Tamir; Carvalho De Araujo, Laurine; Cetecioglu, Zeynep; Clancy, Aisha J.; Feger, Marie L.; Liran, Oded; O'Byrne, Conor; **Sanka, Immanuel; Scheler, Ott**; Sedlakova-Kadukova, Jana; Ziv, Carmit; De Biase, Daniela; Lund, Peter A. *New biotechnology* 2022 / p. 64-70 <https://doi.org/10.1016/j.nbt.2022.09.002> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

### **Droplet image analysis with user-friendly freeware CellProfiler**

**Bartkova, Simona; Vendelin, Marko; Sanka, Immanuel; Pata, Pille; Scheler, Ott** *Analytical methods* 2020 / p. 2287-2294 : ill <https://doi.org/10.1039/D0AY00031K> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

### **Droplet-based technology for studying the phenotypic effect of microplastics on antimicrobial resistance**

**Bartkova, Simona; Sulp, Fenella Lucia; Sanka, Immanuel; Pata, Pille; Scheler, Ott** *Proceedings* 2023 / art. 41 <https://doi.org/10.3390/proceedings2023092041>

### **A Guide to biodetection in droplets**

**Bartkova, Simona; Zapotoczna, Marta; Sanka, Immanuel; Scheler, Ott** *Analytical chemistry* 2024 / p. 9745-975518 <https://doi.org/10.1021/acs.analchem.3c04282>

### **High-throughput bacterial aggregation analysis in droplets**

**Saar-Abroi, Merili; Lindpere, Karoliine; Olman, Triini; Sulp, Fenella Lucia; Sanka, Immanuel; Bartkova, Simona; Scheler, Ott** *bioRxiv* 2024 / 6 p. <https://doi.org/10.1101/2024.09.24.613170>

### **High-throughput pipeline for polydisperse droplet analysis**

**Sanka, Immanuel; Bartkova, Simona; Pata, Pille; Smolander, Olli-Pekka; Scheler, Ott** *MicroTAS 2021 - 25th International Conference on Miniaturized Systems for Chemistry and Life Sciences 2021* / p. 563-564 [https://microtas2021.org/program/MicroTAS2021\\_Program.pdf](https://microtas2021.org/program/MicroTAS2021_Program.pdf)

### **Investigation of different free image analysis software for high-throughput droplet detection**

**Sanka, Immanuel; Bartkova, Simona; Pata, Pille; Smolander, Olli-Pekka; Scheler, Ott** *ACS omega* 2021 / p. 22625-22634 : ill <https://doi.org/10.1021/acsomega.1c02664> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

### **Replacement of milk fat by rapeseed oil stabilised emulsion in commercial yogurt**

Kasprzak, Miroslaw M.; Sady, Marek; Kruk, Joanna; **Bartkova, Simona; Sanka, Immanuel; Scheler, Ott**; Jamroz, Ewelina; Berski, Wiktor; Onacik-Guer, Sylwia; Zajac, Marzena; Domagala, Jacek; Ptasznik, Stanislaw; Okpala, Charles Odilichukwu R.; Tkaczewska, Joanna *PeerJ* 2023 / art. e16441 <https://doi.org/10.7717/peerj.16441> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

### **Synthetic biology in Indonesia: Potential and projection in a country with mega biodiversity**

**Sanka, Immanuel**; Kusuma, Ali Budhi; Martha, Faustina; Hendrawan, Andre; Pramanda, Ihsan Tria; Wicaksono, Adhityo; Jati, Afif Pranaya; Mazaya, Maulida; Dwijayanti, Ari; Izzati, Nurul *Biotechnology Notes* 2023 / p. 41-48 : ill <https://doi.org/10.1016/j.biotno.2023.02.002> [Journal metrics at Scopus](#) [Article at Scopus](#)

### **User-friendly analysis of droplet array images**

**Sanka, Immanuel; Bartkova, Simona; Pata, Pille**; Ernits, Mart; Meinberg, Monika Merje; Agu, Natali; Aruoja, Villem; **Smolander, Olli-Pekka; Scheler, Ott** *Analytica chimica acta* 2023 / art. 341397 <https://doi.org/10.1016/j.aca.2023.341397> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

### **User-friendly analysis of droplet experiments = Kasutajasõbralik tilga eksperimentide analüüs**

**Sanka, Immanuel** 2023 <https://doi.org/10.23658/taltech.47/2023> <https://digikogu.taltech.ee/et/Item/ce878ea8-73e2-4f26-9026-f3b9d04a7291> [https://www.eester.ee/record=b5638607\\*est](https://www.eester.ee/record=b5638607*est)