

CellProfiler is a fit tool for droplet digital image analysis

Bartkova, Simona; Vendelin, Marko; Pata, Pille; Scheler, Ott 23rd International Conference on Miniaturized Systems for Chemistry and Life Sciences (MicroTAS 2019) Basel, Switzerland, 27 – 31 October 2019 2020 / art. 163704, p. 1644-1645
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Cyclohexanohemicucurbit[8]uril inclusion complexes with heterocycles and selective extraction of sulfur compounds from water

Shalima, Tatsiana; Mishra, Kamini Atindrakumar; Kaabel, Sandra; Ustrnul, Lukas; Bartkova, Simona; Tõnsuaadu, Kaia; Heinmaa, Ivo; Aav, Riina Frontiers in chemistry 2021 / art. 786746, 8 p. : ill <https://doi.org/10.3389/fchem.2021.786746> [Journal metrics](#) [Article 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](#) [Article at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Droplet-based methods for tackling antimicrobial resistance

Ruszczyk, Artur; **Bartkova, Simona; Zapotoczna, Marta; Scheler, Ott; Garstecki, Piotr** Current opinion in biotechnology 2022 / art. 102755 <https://doi.org/10.1016/j.copbio.2022.102755> [Journal metrics](#) [Article 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

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A Guide to biodetection in droplets

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High-throughput bacterial aggregation analysis in droplets

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High-throughput pipeline for polydisperse droplet analysis

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How metal pollution affects antimicrobial resistance in droplets

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

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Methods for studying microbial acid stress responses: from molecules to populations

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Microplastics and microbes: exploring aggregation and antibiotic susceptibility in microdrops

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

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

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Techniques used for analyzing microplastics, antimicrobial resistance and microbial community composition : a mini-review

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User-friendly analysis of droplet array images

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