

Lab on a Chip

Devices and applications at the micro- and nanoscale rsc.li/loc

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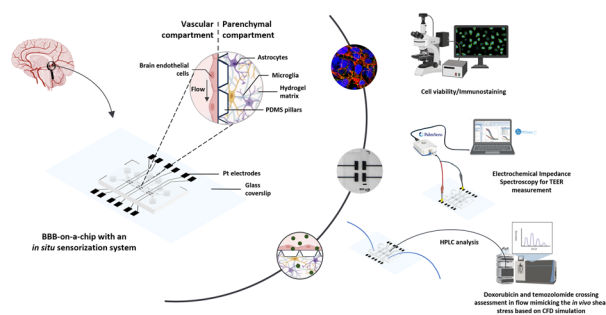
Cover
See Gianni Ciofani *et al.*,
pp. 5085–5100.
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Lab Chip, 2024, 24, 5085.

PAPERS

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Real-time monitoring of a 3D blood–brain barrier model maturation and integrity with a sensorized microfluidic device

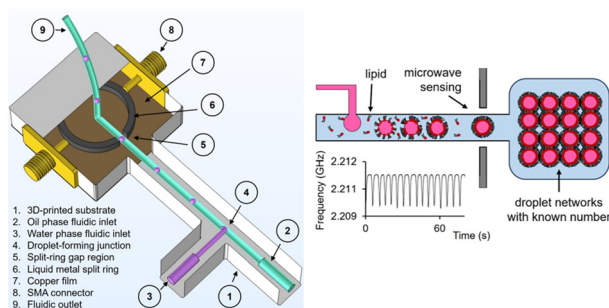
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3D-printed microfluidic–microwave device for droplet network formation and characterisation

Kai Silver, Jin Li,* Adrian Porch, William David Jamieson, Oliver Castell, Pantelitsa Dimitriou, Colin Kallnik and David Barrow





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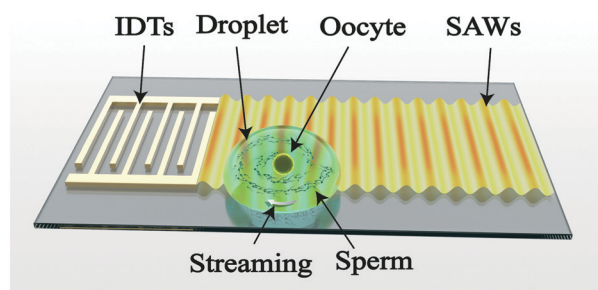
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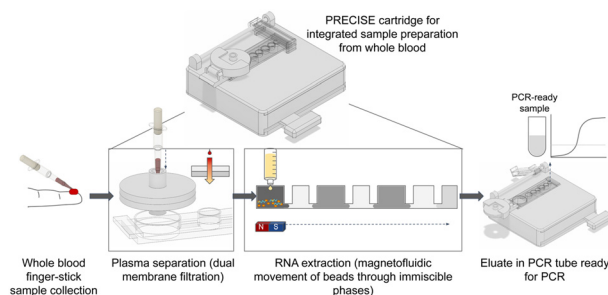
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Integrated device for plasma separation and nucleic acid extraction from whole blood toward point-of-care detection of bloodborne pathogens

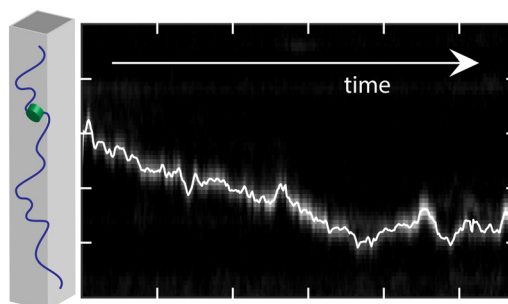
Abigail G. Ayers, Christia M. Victoriano and Samuel K. Sia*



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Effect of base methylation on binding and mobility of bacterial protein Hfq on double-stranded DNA

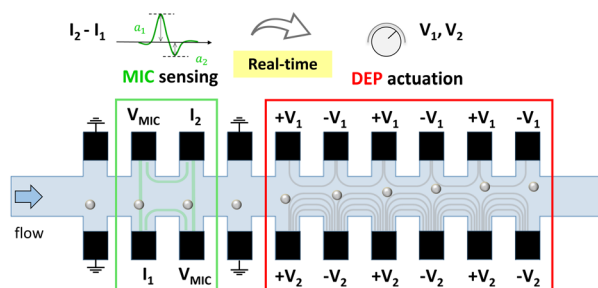
Jijo Easo George, Rajib Basak, Indresh Yadav, Chuan Jie Tan, Jeroen A. van Kan, Frank Wien, Véronique Arluison and Johan R. C. van der Maarel*



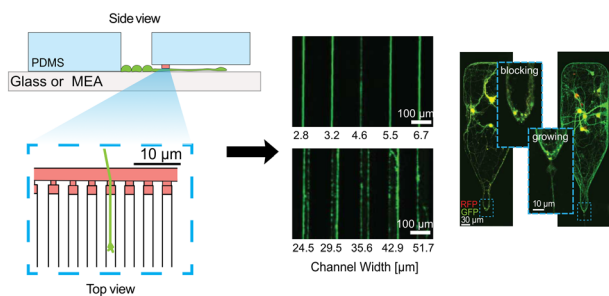
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Real-time impedance-activated dielectrophoretic actuation for reconfigurable manipulation of single flowing particles

Alexis Lefevre, Cristian Brandi, Adele De Ninno, Filippo Ruggiero, Enrico Verona, Michaël Gauthier, Paolo Bisegna, Aude Bolopion and Federica Caselli*



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Katarina Vulić, Giulia Amos, Tobias Ruff, Revan Kasm, Stephan J. Ihle, Joël Küchler, János Vörös* and Sean Weaver*

