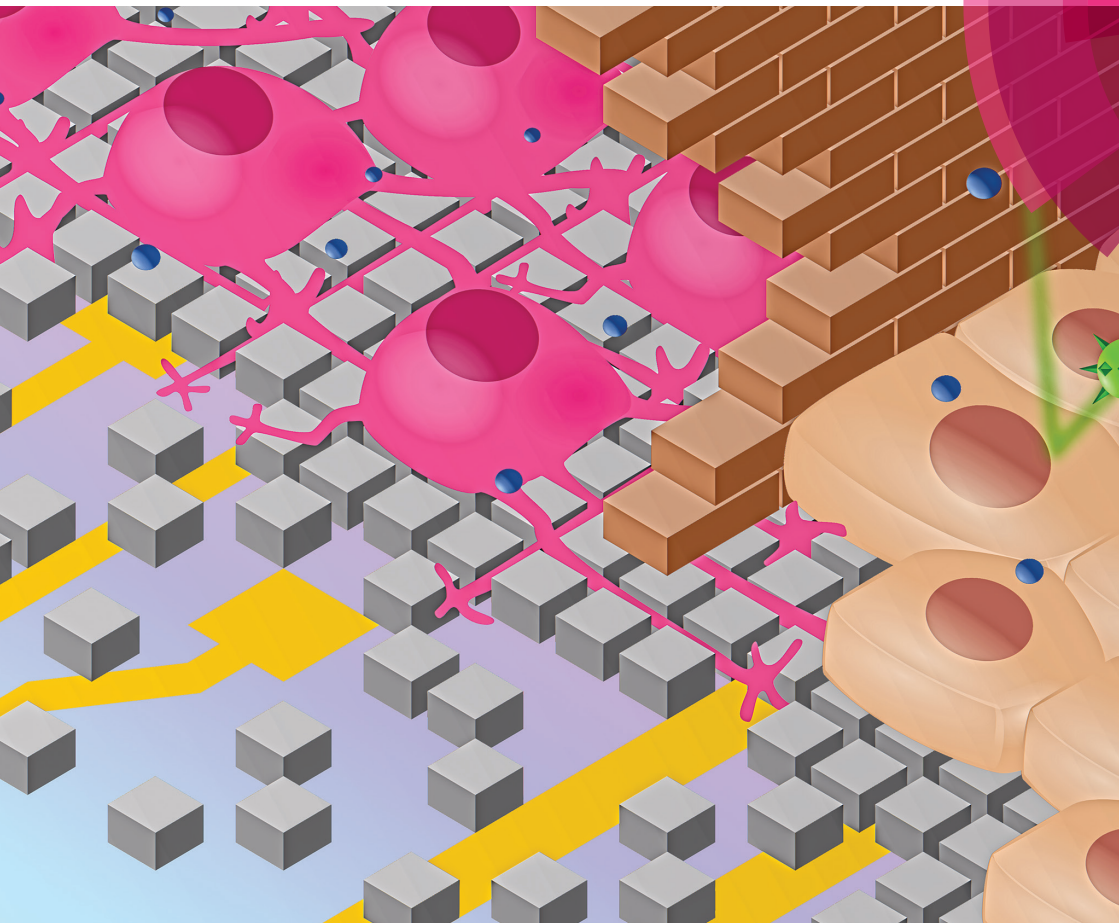


# Lab on a Chip

Devices and applications at the micro- and nanoscale



Lab on a Chip - from fundamentals to applications

# Symposium program

## Lab on a Chip - from fundamentals to applications



21 May 2019, London

Time	Event
10.00–10.15	<b>Opening remarks</b> Abraham Lee and Simon Neil
10.15–10.45	<b>Abraham Lee, University of California, Irvine, USA</b> CSI on a chip - cell state investigation to detect bad cells and strengthen good ones
10.45–11.15	<b>Piotr Garstecki, Institute of Physical Chemistry, Polish Academy of Sciences, Poland</b> Single cell antibiograms
11.15–11.35	<b>Morning coffee</b>
11.35–12.05	<b>Xudong Fan, University of Michigan, USA</b> High-performance micro-gas chromatography and its applications
12.05–12.35	<b>Yoon-Kyoung Cho, UNIST, South Korea</b> Lab-on-a-disc for personalised medicine
12:35–13.30	<b>Lunch</b>
13:30–14.00	<b>Dino Di Carlo, University of California, Los Angeles, USA</b> Lab-on-a-particle technologies based on armoured emulsions
14:00–14.30	<b>Petra Dittrich, ETH Zurich, Switzerland</b> Microfluidic solutions to address challenges of single-cell analysis
14:30–15.00	<b>Aaron Wheeler, University of Toronto, Canada</b> Manipulating cells, bugs, and robots with optoelectronic tweezers
15:00–15.20	<b>Afternoon coffee</b>
15:20–15.50	<b>Hang Lu, Georgia Institute of Technology, USA</b> Using microfluidics to image deep and wide
15:50–16.20	<b>Jianhua Qin, Dalian Institute of Chemical Physics, China</b> Stem cell organoids on chips and future medicine
16:20–16.50	<b>Joel Voldman, Massachusetts Institute of Technology, USA</b> Microfluidic tools for sorting cells via intrinsic properties
16:50–17.00	<b>Closing remarks</b>