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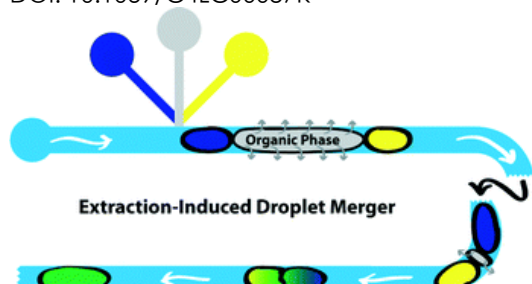
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[Fluoropolymer surface coatings to control droplets in microfluidic devices](#)

Carson T. Riche, Chuchu Zhang, Malancha Gupta and Noah Malmstadt

Lab Chip, 2014, 14, 1834-1841

DOI: 10.1039/C4LC00087K

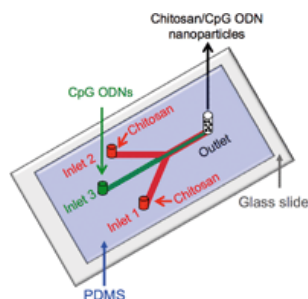


[Microfluidic generation of chitosan/CpG oligodeoxynucleotide nanoparticles with enhanced cellular uptake and immunostimulatory properties](#)

Song Chen, Huijie Zhang, Xuetao Shi, Hongkai Wu and Nobutaka Hanagata

Lab Chip, 2014, 14, 1842-1849

DOI: 10.1039/C4LC00015C

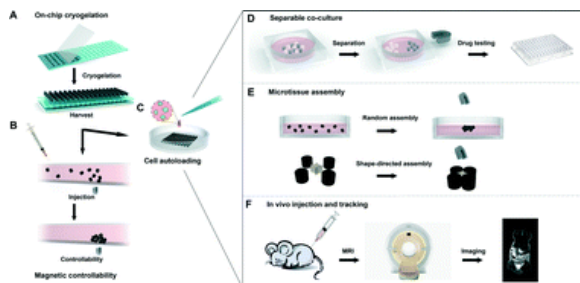


[Magnetically controllable 3D microtissues based on magnetic microcryogels](#)

Wei Liu, Yaqian Li, Siyu Feng, Jia Ning, Jingyu Wang, Maling Gou, Huijun Chen, Feng Xu and Yanan Du

Lab Chip, 2014, Advance Article

DOI: 10.1039/C4LC00081A

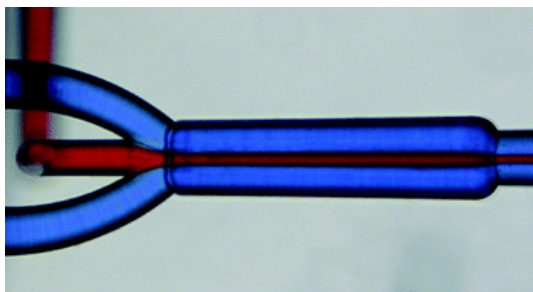


[Straightforward 3D hydrodynamic focusing in femtosecond laser fabricated microfluidic channels](#)

Petra Paiè, Francesca Bragheri, Rebeca Martinez Vazquez and Roberto Osellame

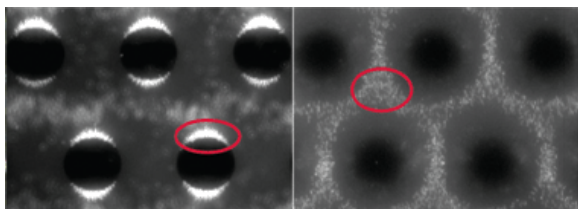
Lab Chip, 2014, 14, 1826-1833

DOI: 10.1039/C4LC00133H



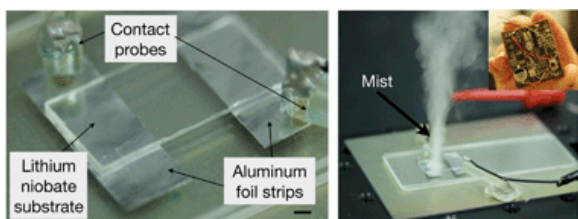
[Dielectrophoresis-based purification of antibiotic-treated bacterial subpopulations](#)

Meltem Elitas, Rodrigo Martinez-Duarte, Neeraj Dhar, John D. McKinney and Philippe Renaud
Lab Chip, 2014, 14, 1850-1857
 DOI: 10.1039/C4LC00109E



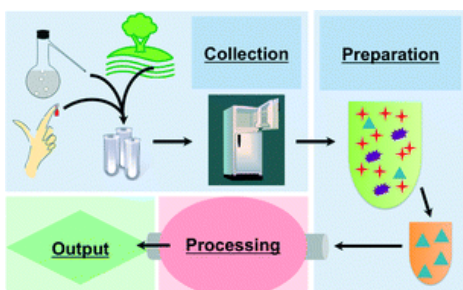
[Simple, low cost MHz-order acoustomicrofluidics using aluminium foil electrodes](#)

Amgad R. Rezk, James R. Friend and Leslie Y. Yeo
Lab Chip, 2014, 14, 1802-1805
 DOI: 10.1039/C4LC00182F



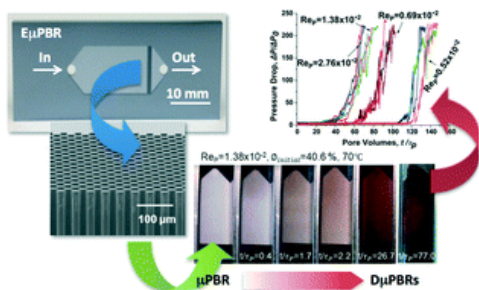
[Elevating sampling Joseph M. Labuz and Shuichi Takayama](#)

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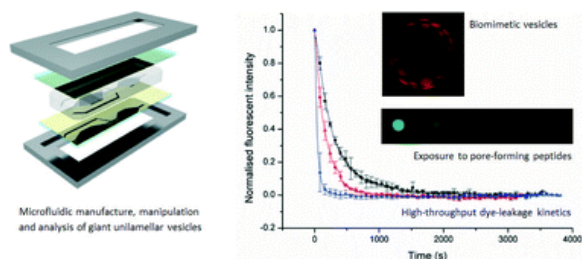
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Chuntian Hu, James E. Morris and Ryan L. Hartman
Lab Chip, 2014, 14, 2014-2022
 DOI: 10.1039/C4LC00192C



[Integrating microfluidic generation, handling and analysis of biomimetic giant unilamellar vesicles](#)

D. J. Paterson, J. Reboud, R. Wilson, M. Tassieri and J. M. Cooper
Lab Chip, 2014, 14, 1806-1810
 DOI: 10.1039/C4LC00199K



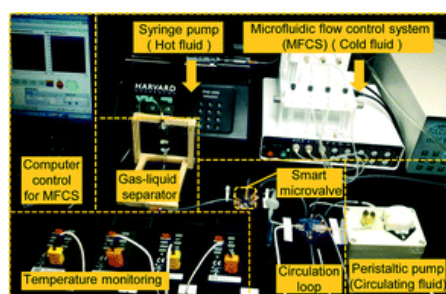
[Microfluidics for single-cell genetic analysis](#)

A. M. Thompson, A. L. Paguirigan, J. E. Kreutz, J. P. Radich and D. T. Chiu
Lab Chip, 2014, Advance Article
 DOI: 10.1039/C4LC00175C



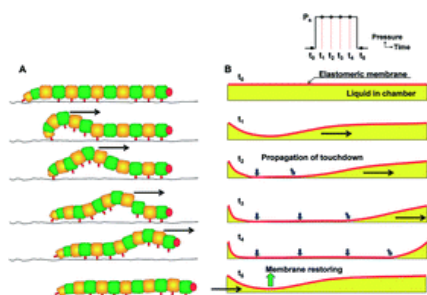
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Shuo Lin, Wei Wang, Xiao-Jie Ju, Rui Xie and Liang-Yin Chu
Lab Chip, 2014, Advance Article
 DOI: 10.1039/C4LC00039K



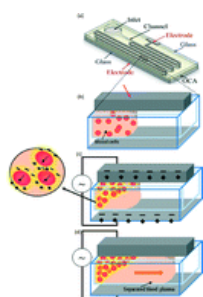
[Caterpillar locomotion-inspired valveless pneumatic micropump using a single teardrop-shaped elastomeric membrane](#)

Hongyun So, Albert P. Pisano and Young Ho Seo
Lab Chip, 2014, Advance Article
 DOI: 10.1039/C3LC51298C



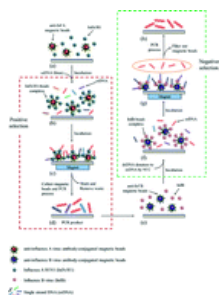
[Microfluidic chip for plasma separation from undiluted human whole blood samples using low voltage contactless dielectrophoresis and capillary force](#)

Chia-Chern Chen, Po-Hsiu Lin and Chen-Kuei Chung
Lab Chip, 2014, 14, 1996-2001
 DOI: 10.1039/C4LC00196F



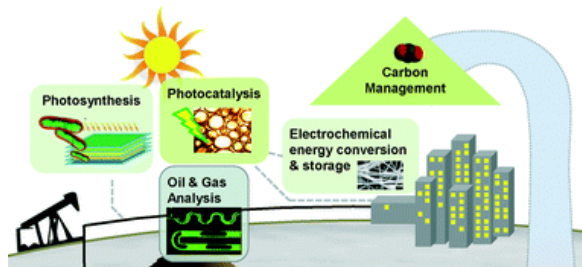
[Influenza A virus-specific aptamers screened by using an integrated microfluidic system](#)

Hsien-Chih Lai, Chih-Hung Wang, Tong-Miin Liou and Gwo-Bin Lee
Lab Chip, 2014, 14, 2002-2013
 DOI: 10.1039/C4LC00187G



[Energy: the microfluidic frontier](#)

David Sinton
Lab Chip, 2014, Advance Article
 DOI: 10.1039/C4LC00267A



[Patent protection and licensing in microfluidics](#)

Ali K. Yetisen and Lisa R. Volpatti
Lab Chip, 2014, Advance Article
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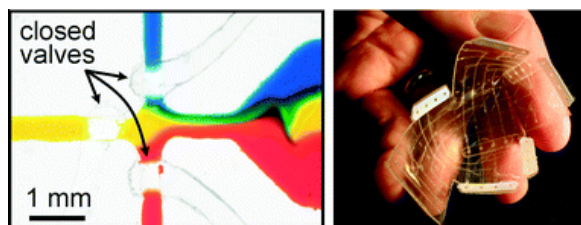
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Gregory A. Cooksey and Javier Atencia
Lab Chip, 2014, 14, 1665-1668
 DOI: 10.1039/C4LC00173G, Technical Innovation



[Reconfigurable microfluidics with integrated aptasensors for monitoring intercellular communication](#)

Timothy Kwa, Qing Zhou, Yandong Gao, Ali Rahimian, Lydia Kwon, Ying Liu and Alexander Revzin
Lab Chip, 2014, 14, 1695-1704