

Lab on a Chip

Devices and applications at the micro- and nanoscale
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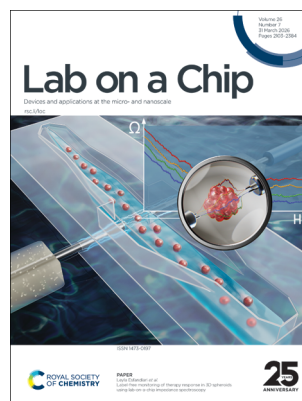
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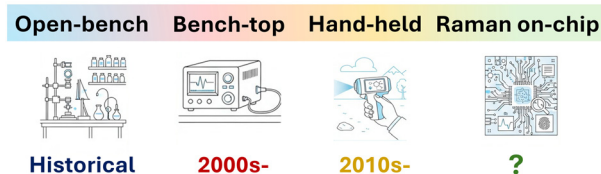
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Mike Hardy,* Pooja P. Kanade, Emma Buchan, Pola Goldberg Oppenheimer, Cillian P. T. McPolin and Robert M. Bowman



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Microfluidic determination of minimum miscibility pressure (MMP) in dynamic CO₂/n-decane flow

Junyi Yang and Peichun Amy Tsai*



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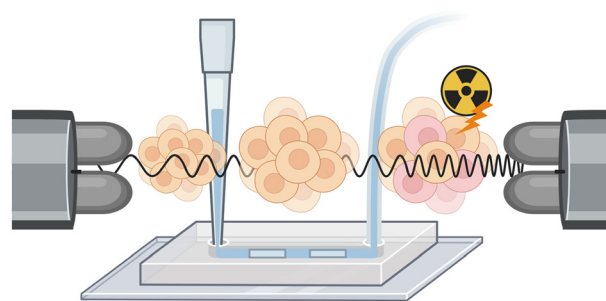
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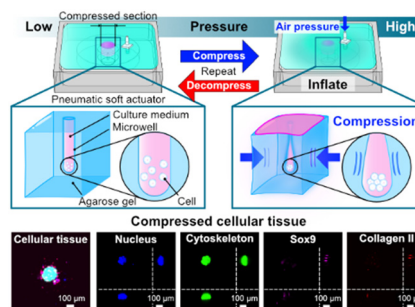
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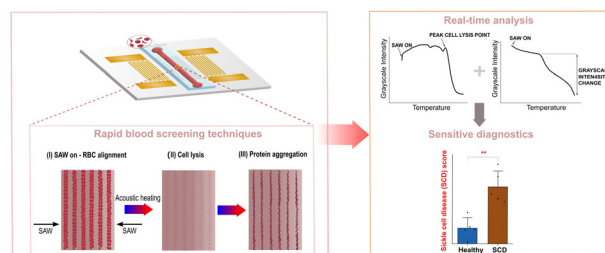
Ryota Kawamae, Atsushi Takata, Kenjiro Takemura and Yuta Kurashina*



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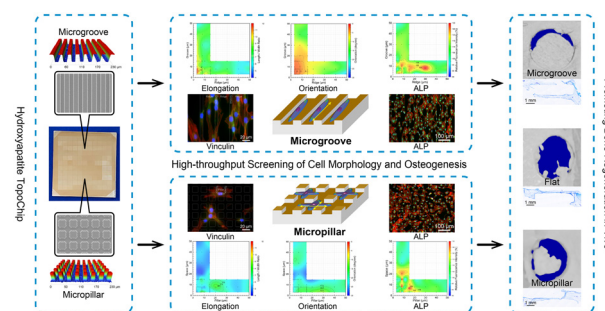
Nakul Sridhar, Meiou Song, Michael H. B. Stowell, Kathryn L. Hassell and Xiaoyun Ding*



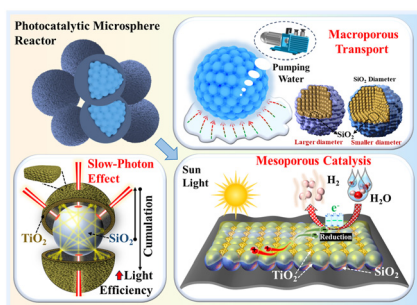
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Yada Li, Chuanxin Zhong, Mingyu Zhu, Junqin Wang, Qiming Zhuang, Yuqi Tang, Jianfeng Yan, Xiang Ge, Ju Fang* and Fuzeng Ren*



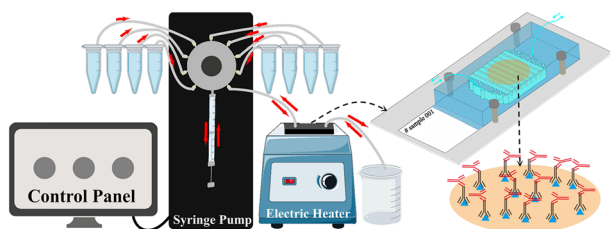
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Qikai Wang, Wenwen Shi, Qihang Yang, Feng Teng* and Qihong Cui*

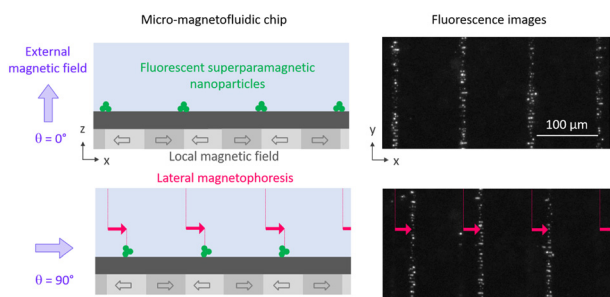
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An automated microfluidic system based on V-groove chip for rapid immunohistochemistry

Lu Zhong, Hang Chen, Hong-Lei Chen, Jun Peng and Zhi-Ling Zhang*

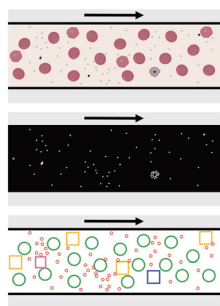
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Elise Bou,* Claudia de la Fuente, Etienne Orsini, Sarah Delshadi, Orphée Cugat* and Franz Bruckert*

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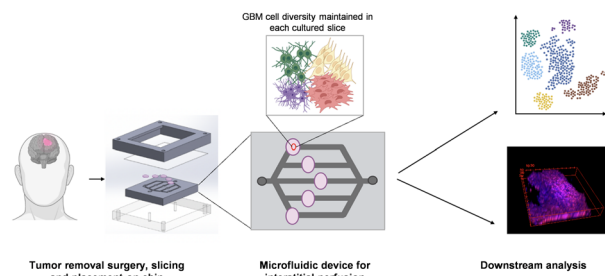
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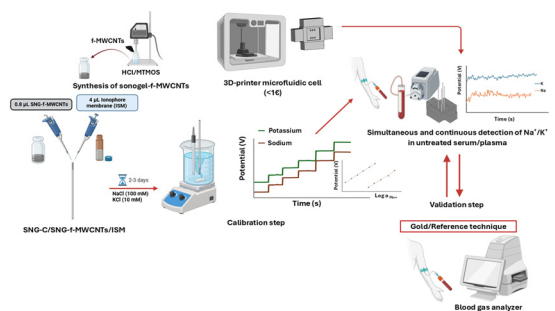
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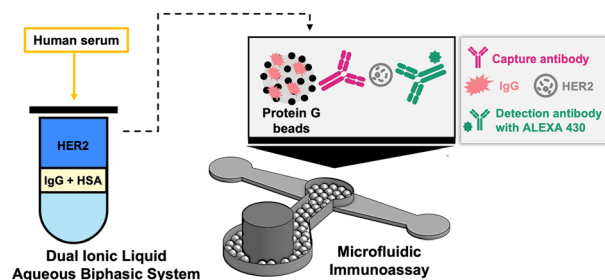
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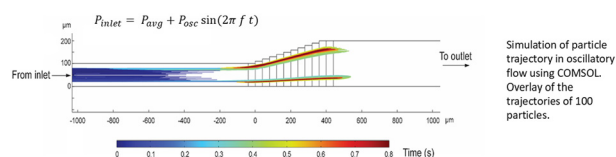
Maria S. M. Mendes, Inês Agostinho, Maria C. Souza, Virginia Chu, Mara G. Freire, Francisca A. e Silva* and João P. Conde*



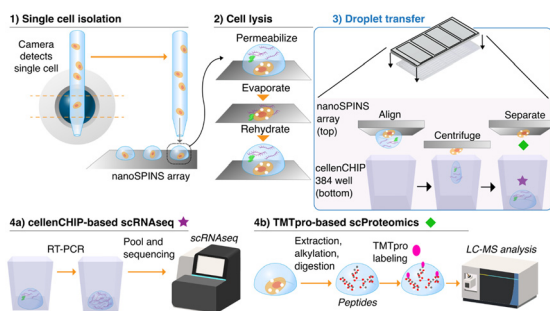
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Oscillatory flow for contactless particle trapping

Gabrielle Saint-Girons, Kaustav A. Gopinathan, Sajad Razavi Bazaz, Li Zhan, Jon F. Edd* and Mehmet Toner*



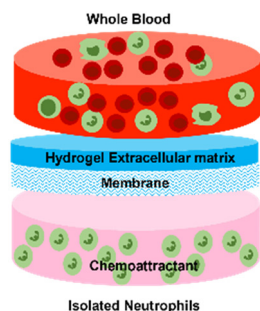
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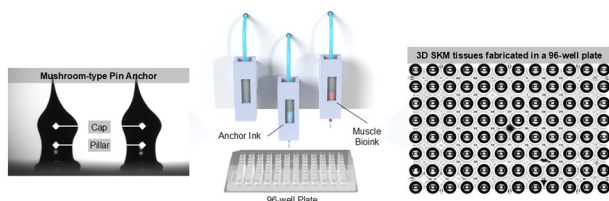
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3D ECM-inflammation model on a microfluidic chip for neutrophil transmigration from whole blood investigations

Shide Bakhtiari,* Vanessa Velasco and Ronald W. Davis

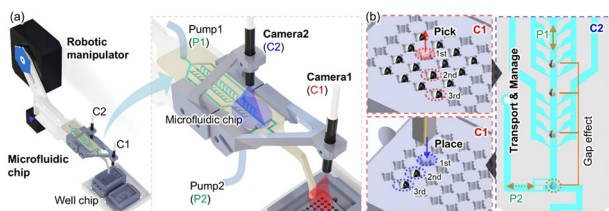
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Tae-Eun Lim, Ashfaq Ahmad, Yeong-Jin Choi* and Hee-Gyeong Yi*

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Shuzhang Liang, Hao Mo, Yuguo Dai, Hirotaka Sugiura, Satoshi Amaya and Fumihito Arai*



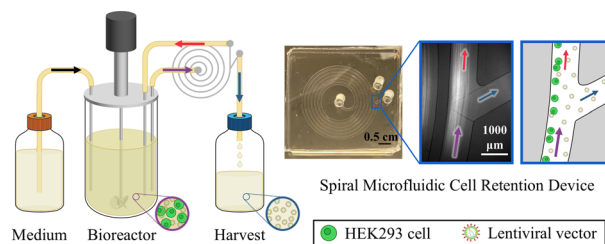
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Intensified lentiviral vector perfusion bioprocessing with a spiral inertial microfluidic cell retention device

Alexander Bevacqua, Fuguo Liu, Jianzhu Chen and Jongyoon Han*

Perfusion culture with a spiral microfluidic cell retention device



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Francesca Fanizza, Simone Perottoni, Lucia Boeri, Francesca Donnalaja, Francesca Negro, Francesca Pugli, Gianluigi Forloni, Carmen Giordano* and Diego Albani

