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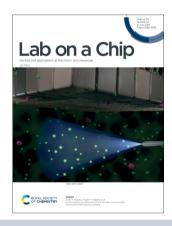
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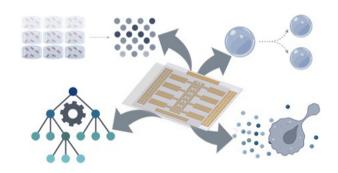


Inside cover See Ryan A. Koppes, Abigail N. Koppes et al., pp. 3430-3443. Image reproduced by permission of Bryan G. Schellberg, Abigail N. Koppes, Ryan A. Koppes from Lab Chip, 2025, 25, 3430.

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Mammalian cell culture and analysis in digital microfluidic platforms

Burcu Gumuscu

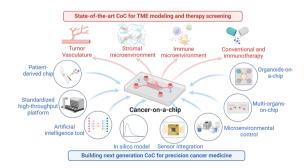


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Lunan Liu, Huishu Wang, Ruiqi Chen, Yujing Song, William Wei, David Baek, Mahan Gillin, Katsuo Kurabayashi and Weiqiang Chen*





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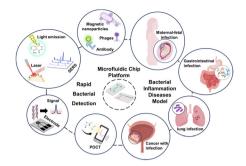
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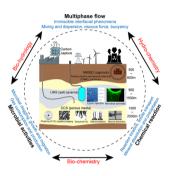
Jing Zhang, Yatian Fu, Ching Yin Fong, Haojun Hua, Wei Li and Bee Luan Khoo*



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Wenhai Lei, Yuankai Yang, Shuo Yang, Ge Zhang, Jenna Poonoosamy, Anne Juel, Yves Méheust, Shervin Bagheri and Moran Wang*

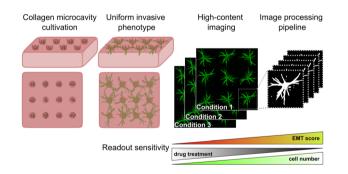


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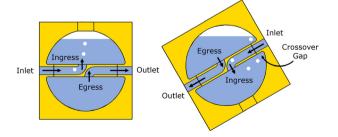
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Sophie C. Kurzbach, Violetta Carvajal-Heckele, Tetsuhiko F. Teshima, Maximilian Reichert and Andreas R. Bausch



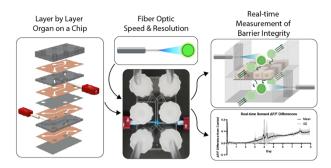
Orientation-independent bubble trap with internal partition for robust operation of microfluidic systems

Bhavagyna Vegunta, Charmaine Lui, Max Kim, Joshua Tran, Maya Papez, Anand K. Ramasubramanian and Sang-Joon John Lee*



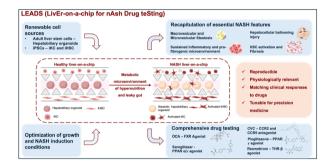
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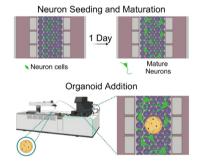
Bryan G. Schellberg, Abigail N. Koppes* and Ryan A. Koppes*



LEADS - a comprehensive human liver-on-a-chip for non-alcoholic steatohepatitis (NASH) drug testing

Gowri Manohari Balachander, Inn Chuan Ng, Roopesh R. Pai, Kartik Mitra, Farah Tasnim, Yee Siang Lim, Royston Kwok, Yoohyun Song, Lai Ping Yaw, Clarissa Bernice Quah, Junzhe Zhao, Wahyunia L. Septiana, Vishnu Goutham Kota, Yao Teng, Kexiao Zheng, Yan Xu, Sei Hien Lim, Huck Hui Ng and Hanry Yu*

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Jacob P. Fredrikson, Daniela M. Roth, Jameson A. Cosgrove, Gulsu Sener, Lily A. Crow, Kazumi Eckenstein, Lillian Wu, Mahshid Hosseini, George Thomas, Sebnem Ece Eksi and Luiz Bertassoni*

Affinity test

High-throughput monoclonal antibody screening from immunized rabbits via droplet microfluidics

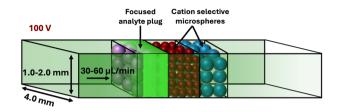
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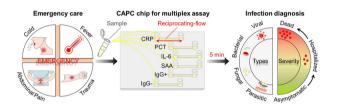
Umesha Peramune, Zisun Ahmed and Robbyn K. Anand*



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A multi-channel chip enabled synchronized reciprocating-flow of fluid for rapid, simultaneous, multiplex detection of inflammatory markers

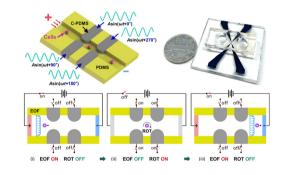
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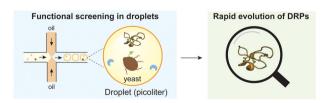
Jianming Shu, Xijiang Wang and Liang Huang*



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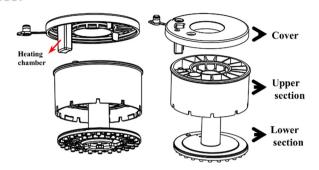
High-throughput enrichment of functional disulfide-rich peptides by droplet microfluidics

Jing Xie, Kuok Yap, Simon J. de Veer, Selvakumar Edwardraja, Thomas Durek, Matt Trau, David J. Craik and Conan K. Wang*



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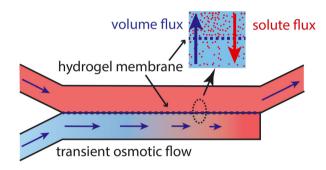
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Point-of-care analysis for foodborne pathogens in food samples based on a fully enclosed microfluidic chip cartridge

Dayun Tang, Peng Li, Shuo Qi, Qiong Wu, Ruili Yu, Mei Liu and Zhouping Wang*

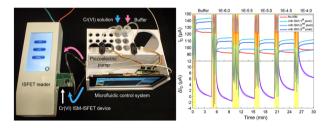
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Transient osmotic flows in a microfluidic channel: measurements of solute permeability and reflection coefficients of hydrogel membranes

Julien Renaudeau, Pierre Lidon and Jean-Baptiste Salmon

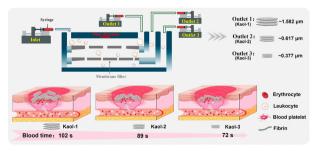
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Continuous and automatic hexavalent chromium sensing using an ion-selective membrane deposited ion-sensitive field-effect transistor device integrating a microfluidic control system

Tzu-Yu Liu, Huai-Yuan Hsu, Huan-Cheng Liu and Nien-Tsu Huang*

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Size-selective sorting of kaolinite micro/nanoflakes via microfluidic filtration for wound hemostasis

Guangyao Li, Liang Wan, Ying Chen,* Xuming Zhang,* Aidong Tang and Huaming Yang*