

# Lab on a Chip

Devices and applications at the micro- and nanoscale  
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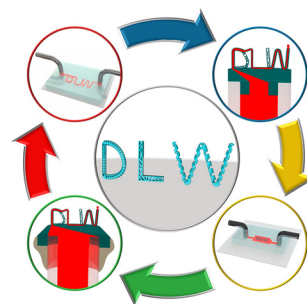
**Cover**  
See Lei Zhang *et al.*,  
pp. 2418–2427.  
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*Lab Chip*, 2024, 24, 2418.

## TUTORIAL REVIEW

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### Direct laser writing-enabled 3D printing strategies for microfluidic applications

Olivia M. Young, Xin Xu, Sunandita Sarker and Ryan D. Sochol\*

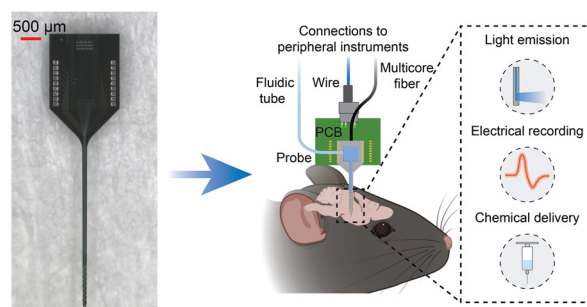


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### Development of wafer-scale multifunctional nanophotonic neural probes for brain activity mapping

Fu Der Chen,\* Ankita Sharma, David A. Roszko, Tianyuan Xue, Xin Mu, Xianshu Luo, Hongyao Chua, Patrick Guo-Qiang Lo, Wesley D. Sacher and Joyce K. S. Poon\*





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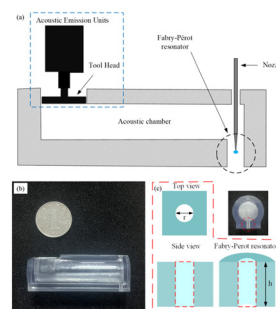
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## Acoustic modulation and non-contact atomization of droplets based on the Fabry–Pérot resonator

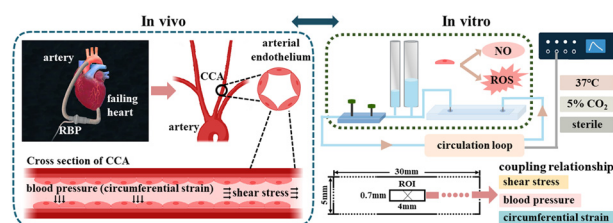
Jingjun Li, Xiukun Wang, Fan Yang, Yadong Sun and Lei Zhang\*



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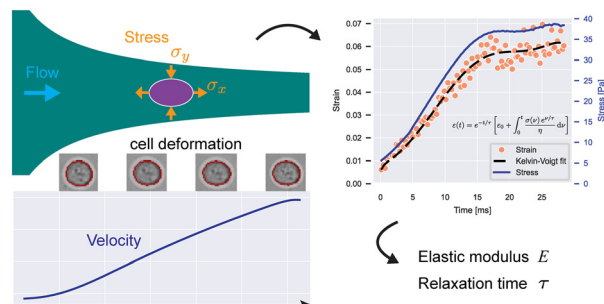
Lixue Liang, Xueying Wang, Dong Chen, Palaniappan Sethu, Guruprasad A. Giridharan, Yanxia Wang, Yu Wang\* and Kai-Rong Qin\*



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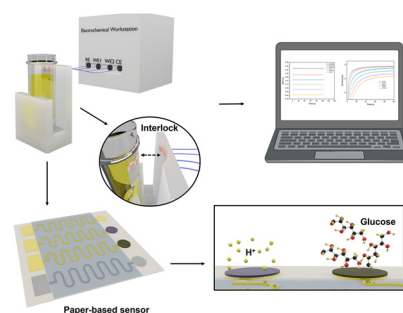
Felix Reichel, Ruchi Goswami, Salvatore Girardo and Jochen Guck\*



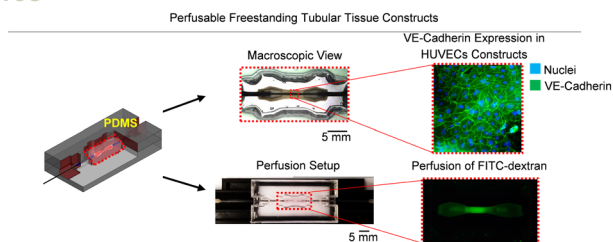
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Yujia Li, Yingqi Kong, Yubing Hu, Yixuan Li, Rica Asrosa, Wenyu Zhang, Buddha Deka Boruah, Ali K. Yetisen, Andrew Davenport, Tung-Chun Lee and Bing Li\*



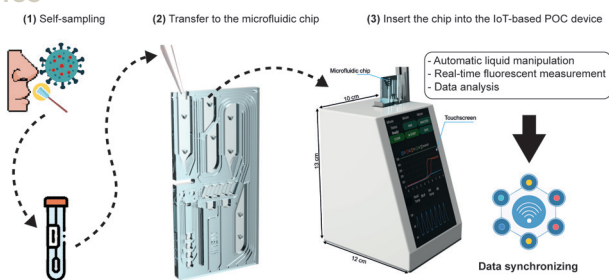
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Seyedaydin Jalali  
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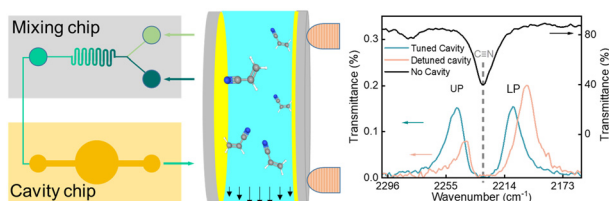
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## Development of a self-contained microfluidic chip and an internet-of-things-based point-of-care device for automated identification of respiratory viruses

Huynh Quoc Nguyen, Van Dan Nguyen, Vu Minh Phan  
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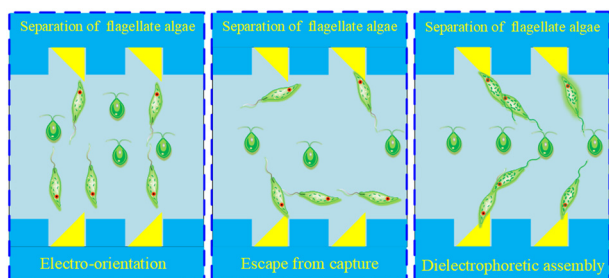
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Wei Wang, Jaime de la Fuente Diez, Nicolas Delsuc,  
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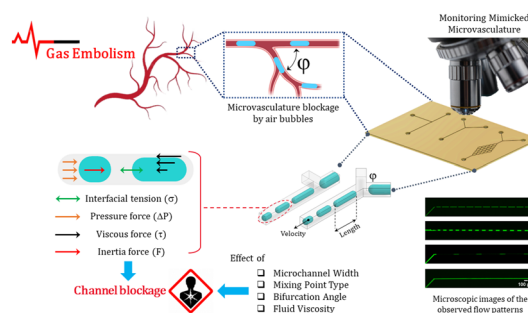
Xiaoming Chen,\* Shun Liu, Mo Shen, Jishun Shi,  
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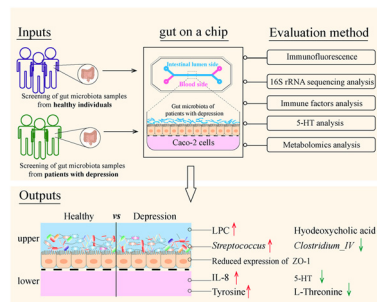
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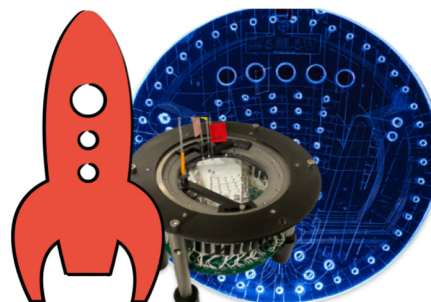
Wenxin Wang, Yiyuan Liu, Zhikai Yao, Dengbo Chen, Yue Tang, Jingwei Cui, Jiangjiang Zhang, Hong Liu\* and Zikai Hao\*



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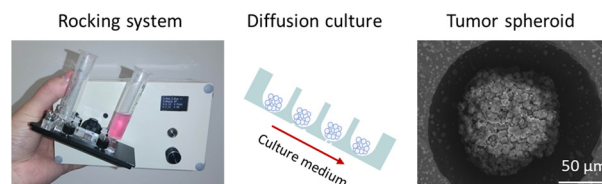
Anna L. Butterworth,\* Matin Golozar, Zachary Estlack, Jeremy McCauley, Richard A. Mathies and Jungkyu Kim\*



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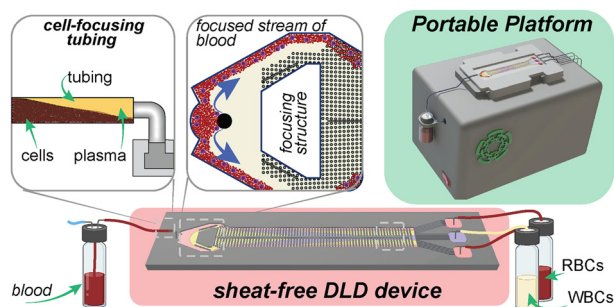
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Duomei Tian, Zheng Mao, Li Wang, Xiaochen Huang, Wei Wang, Haoyue Luo, Juan Peng\* and Yong Chen\*



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### Portable platform for leukocyte extraction from blood using sheath-free microfluidic DLD

Oriana G. Chavez-Pineda, Roberto Rodriguez-Moncayo, Alan M. Gonzalez-Suarez, Pablo E. Guevara-Pantoja, Jose L. Maravillas-Montero and Jose L. Garcia-Cordero\*

## CORRECTION

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### Correction: Direct laser writing-enabled 3D printing strategies for microfluidic applications

Olivia M. Young, Xin Xu, Sunandita Sarker and Ryan D. Sochol\*

