

Lab on a Chip

Devices and applications at the micro- and nanoscale
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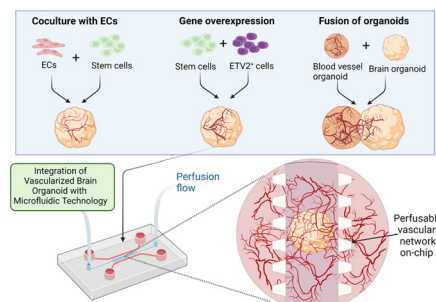
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See Satoru Kuriu,
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CRITICAL REVIEW

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Vascularized human brain organoid on-chip

Sin Yen Tan, Xiaohan Feng, Lily Kwan Wai Cheng
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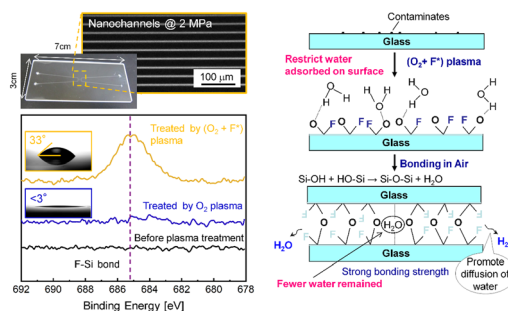


COMMUNICATIONS

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Qiushi Kang, Chenxi Wang,* Kaimeng Liu
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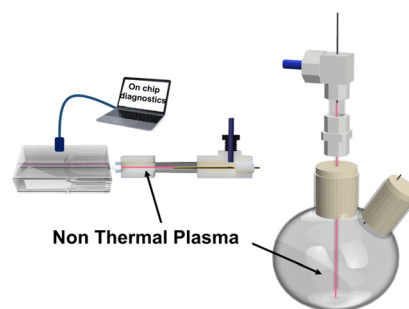
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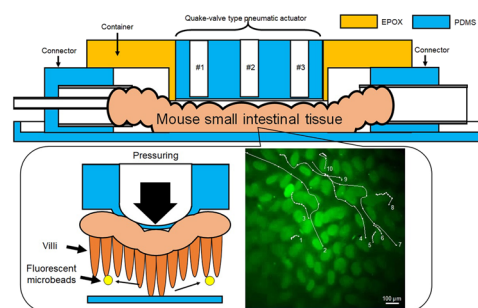
Enabling batch and microfluidic non-thermal plasma chemistry: reactor design and testingP. Roszkowska, A. Dickenson, J. E. Higham, T. L. Easun,*
J. L. Walsh* and A. G. Slater*

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Development of a microfluidic device to observe dynamic flow around the villi generated by deformation of small intestinal tissue

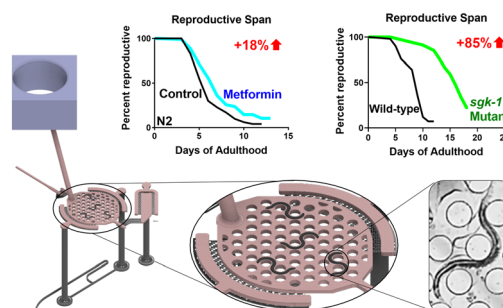
Satoru Kuriu,* Naoyuki Yamamoto and Tadashi Ishida*



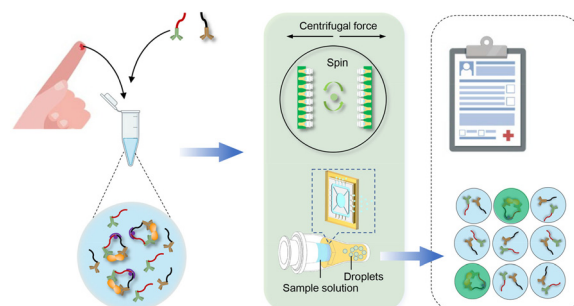
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CeLab, a microfluidic platform for the study of life history traits, reveals metformin and SGK-1 regulation of longevity and reproductive span

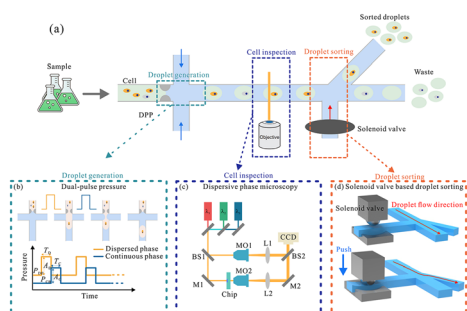
Salman Sohrabi, Vanessa Cota and Coleen T. Murphy*



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Shunji Zhang, Shufa Zheng, Jina Ko, Yu Chen*
and Yongcheng Wang*

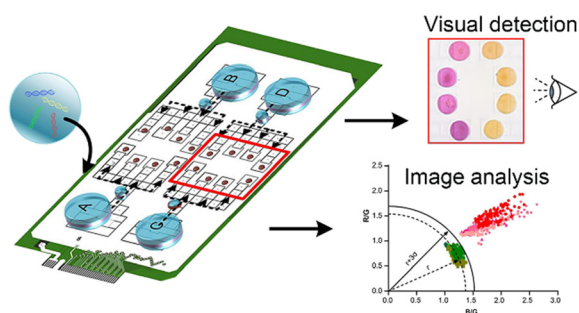
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Dispersive phase microscopy incorporated with droplet-based microfluidics for biofactory-on-a-chip

Yingdong Luo, Yuanyuan Huang, Yani Li, Xiudong Duan, Yongguang Jiang, Cong Wang, Jiakun Fang,* Lei Xi,* Nam-Trung Nguyen and Chaolong Song*

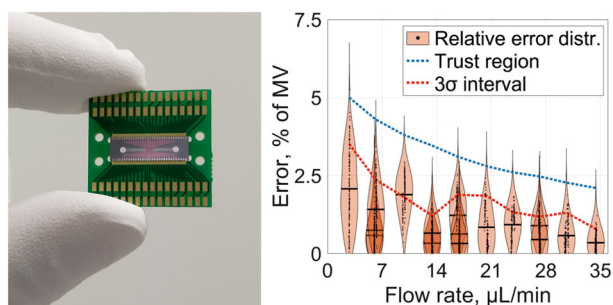
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A digital microfluidic platform coupled with colorimetric loop-mediated isothermal amplification for on-site visual diagnosis of multiple diseases

Mei Xie, Tianlan Chen, Zongwei Cai, Bo Lei* and Cheng Dong*

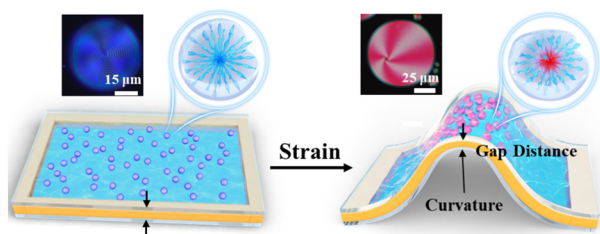
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Strain-induced recognition of molecular and chirality in cholesteric liquid crystal droplets for distance and curvature sensing

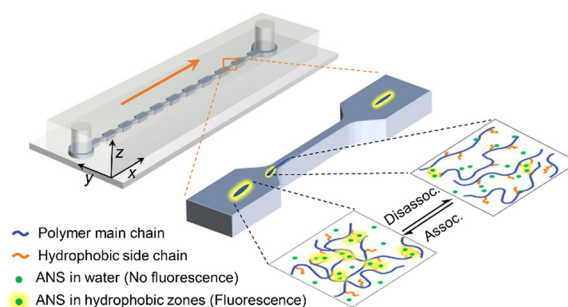
Shuting Xie, Ruizhi Yang, Qifan Zhu, Shitao Shen, Lanhui Li, Minmin Zhang, Xiaowen Hu, Mingliang Jin, Liqiu Wang* and Lingling Shui*



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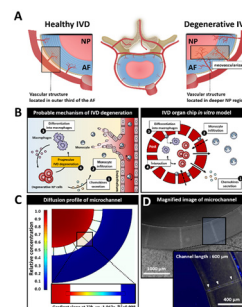
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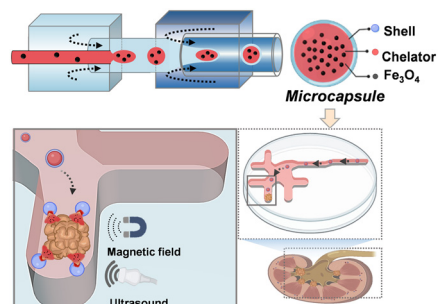
Hyeong-Guk Son, Min-Ho Hwang, Sumin Lee, An-Gi Kim, Tae-Won Kim, Joo-Han Kim, Hyuk Choi* and Sehoon Jeong*



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Magnetic delivery and ultrasound-responsive release of chelating microcapsules for selective removal of urolithiasis

Byung Kwon Kaang, Sunjae Lee, JunJie Piao, Hyuk Jin Cho* and Dong-Pyo Kim*

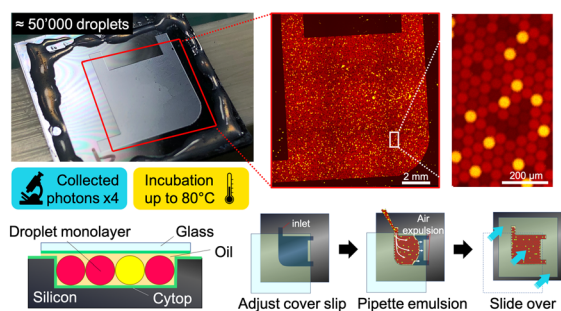


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Shi Ming Wu, Feng Chen, Xiao Yan Yang, Teng Fei Wu, Wei Sun and Ling Yu*





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