

Lab on a Chip

Devices and applications at the micro- and nanoscale
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Andreas Manz – Pioneer, Mentor, Friend

Nicole Pamme and Petra S. Dittrich

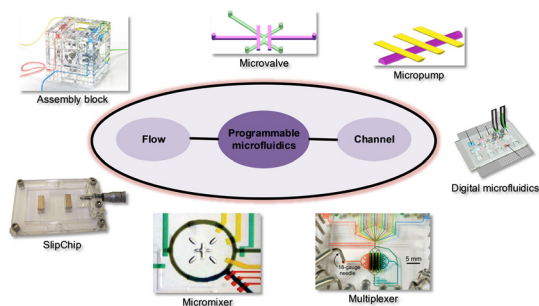


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Yongxian Song, Yijiang Zhou, Kai Zhang, Zhaoxuan Fan, Fei Zhang and Mingji Wei*





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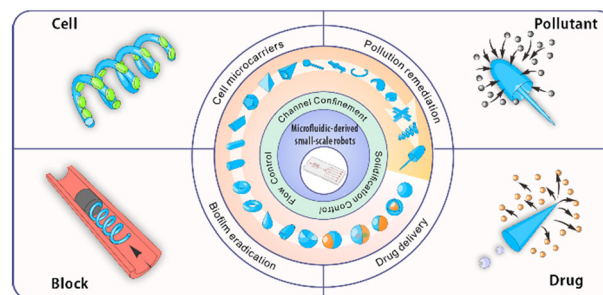


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Chaoyu Yang, Xurui Liu, Xin Song and Li Zhang*

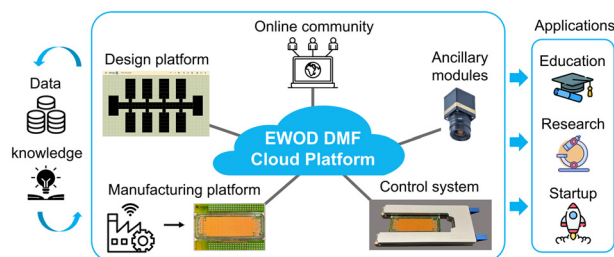


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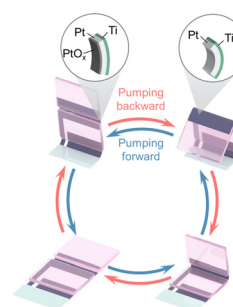


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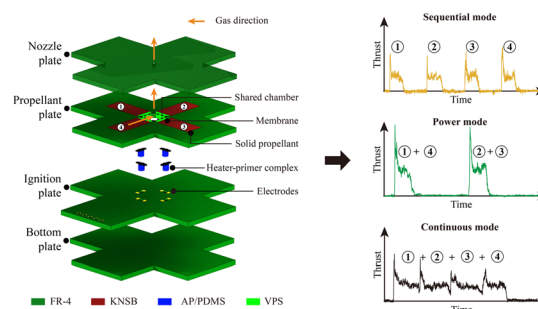
Wei Wang,* Ivan Tanasijevic, Jinsong Zhang, Eric Lauga and Itai Cohen*



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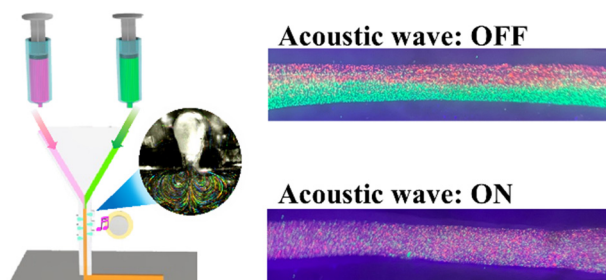
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Jeongrak Lee, Seonghyeon Kim, Hanseong Jo and Anna Lee*



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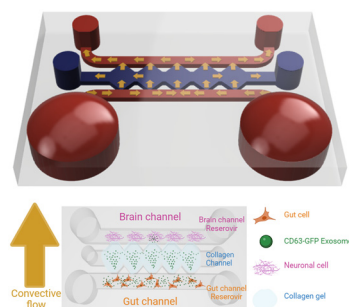
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Mitsuyuki Hidaka, Masaru Kojima and Shinji Sakai*

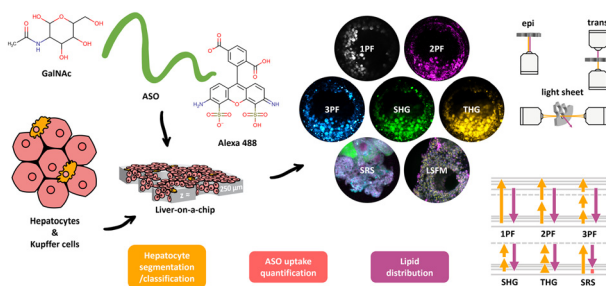
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Gwang Myeong Seo, Hongki Lee, Yeon Jae Kang, Donghyun Kim* and Jong Hwan Sung*

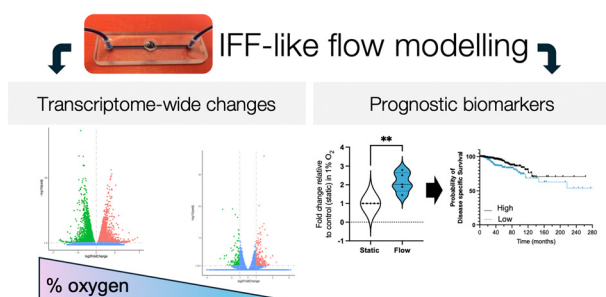
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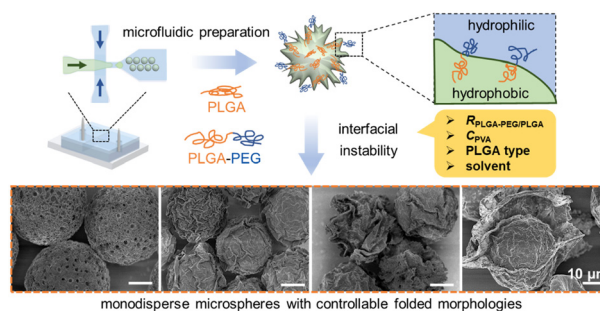
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Wenwen Chen, Hao Li, Xinyue Zhang, Yutao Sang* and Zhihong Nie*

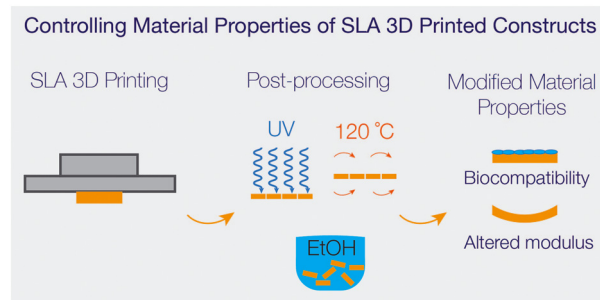


monodisperse microspheres with controllable folded morphologies

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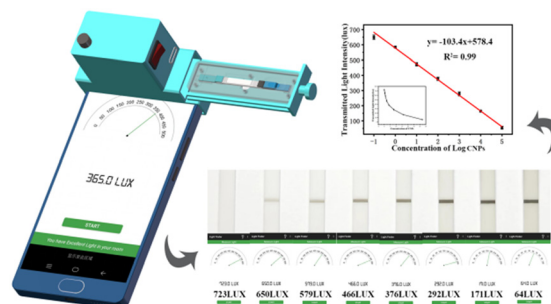
Matt D. Nelson,* Patrick A. Tresco, Christian C. Yost and Bruce K. Gale



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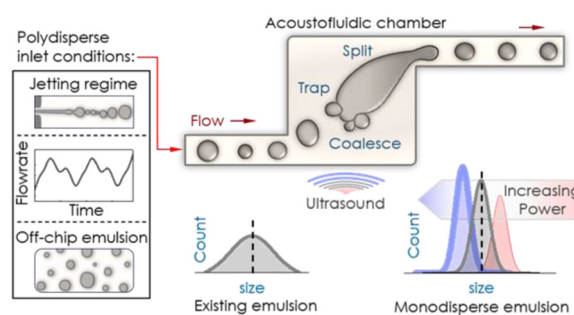
Enhui Zhang, Qing Zeng, Yanwen Xu, Jinhui Lu, Chengcheng Li, Ke Xiao, Xiaozhou Li, Jinfeng Li, Tingting Li,* Chengyao Li* and Ling Zhang*

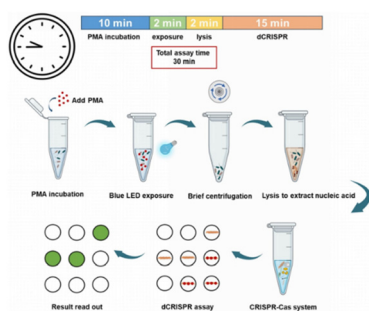


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Ultrasound reforms droplets

Lokesh Malik, Subhas Nandy, Niladri Sekhar Satpathi, Debasish Ghosh, Thomas Laurell and Ashis Kumar Sen*





Fast and sensitive detection of viable *Escherichia coli* O157:H7 using a microwell-confined and propidium monoazide-assisted digital CRISPR microfluidic platform

Weihong Yin, Kai Hu, Bingwen Yu, Tao Zhang,*
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