

Lab on a Chip

Devices and applications at the micro- and nanoscale
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See Aram J. Chung *et al.*, pp. 10–17.
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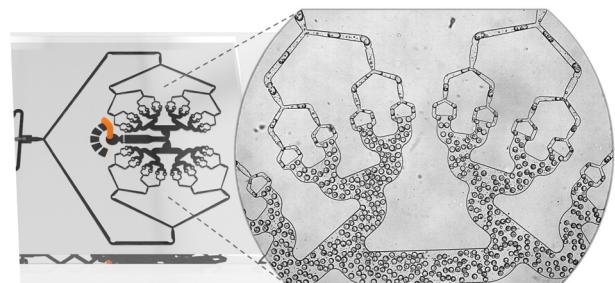
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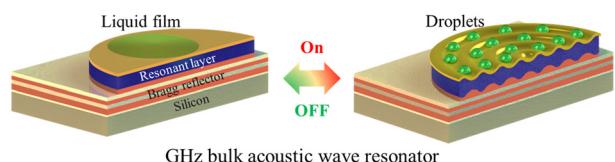
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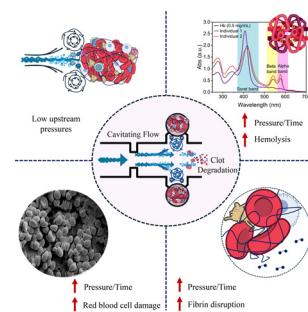


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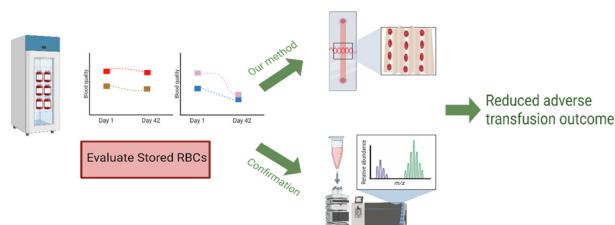
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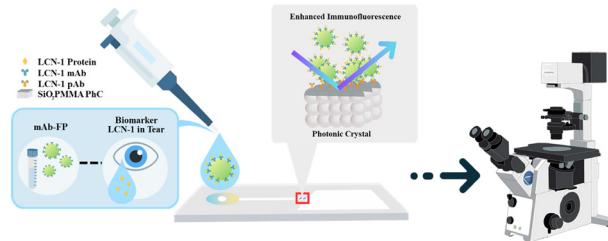
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Realization of rapid diabetic retinopathy screening with lipocalin 1 in tear using enhanced immunofluorescence photonic crystal microchip

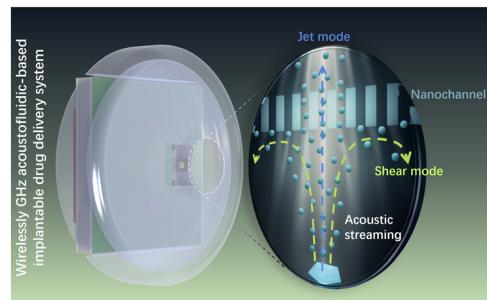
Kullaphat Nitayachat, Dhrubajyoti Das, Pei-Yi Chen, Sheng-Min Hsu, Jhih-Cheng Wang* and Han-Sheng Chuang*



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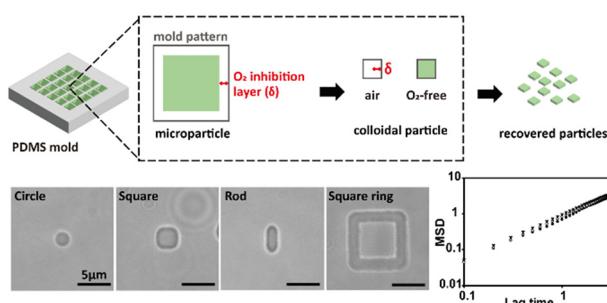
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Rui You, Shuting Pan, Yuan Ning, Hongxiang Zhang, Tiechuan Li, Bo Long,* Dapeng Ye* and Xuexin Duan*



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Jiwoo Kim, Jun Hee Choi, Jeongmin Kim, Jihyun Kim, Yoon Ho Roh* and Ki Wan Bong*

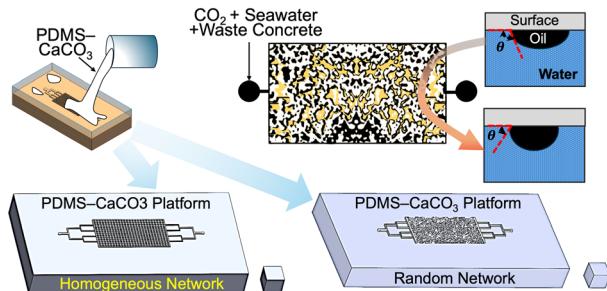
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Yasmeena Ashraf and Animangsu Ghatak*

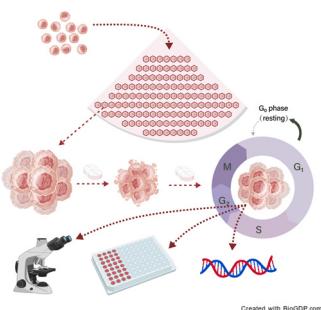
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Hui Kang, Xiaogang Wang, Weijie Ye, Yanzhang Luo, Jueming Chen, Ziqing Ma, Jiayu Li, Lihui Wang,* Dongguo Lin* and Dayu Liu*

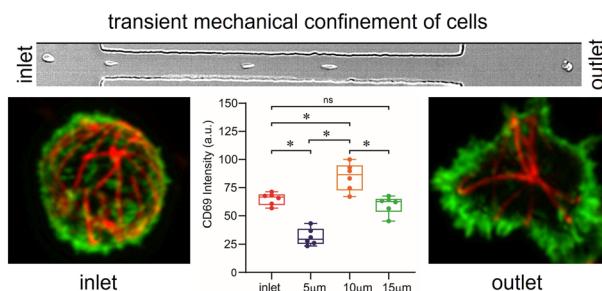


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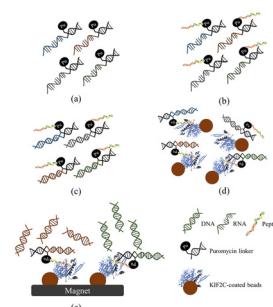
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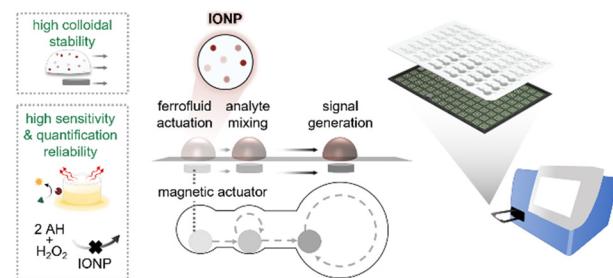
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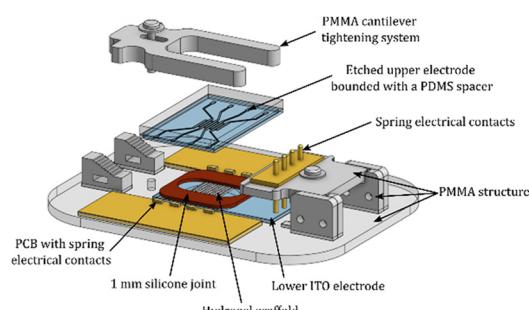
Christina C. K. Au Yeung, Ruotong Zhang, Chengzhi Zhang, Xiaoxue Fan, Yang Cao, Chi Song, Haisong Lin* and Ho Cheung Shum*



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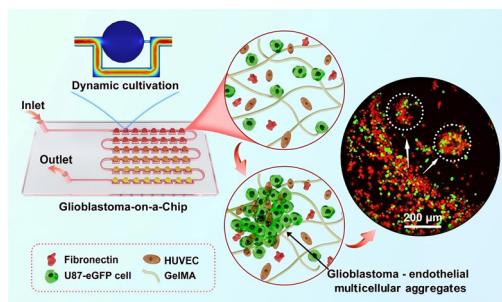
Electroporation of spheroids using an electric field gradient: a tool to study intensity-dependent permeabilization

Théo Le Berre*, Julien Marchalot, Guilhem Rival, Laure Franqueville, Rabia Önbaş, Charlotte Riviere, Gabriel Marcellier, Frédéric Prat and Marie Frénée-Robin



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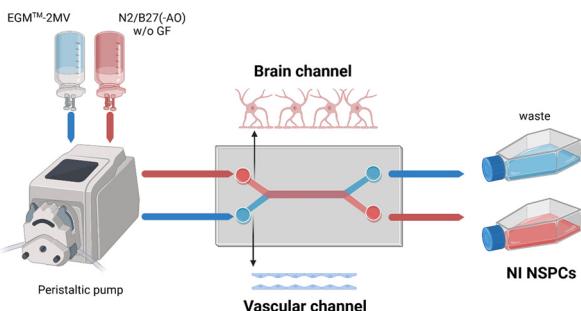
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Engineering spatially defined extracellular matrix gradients to govern self-organized multicellular aggregates in a glioblastoma-on-a-chip

Jianing Li, Xinghua Gao,* Xiaoling Yang, Hongcai Wang, Xindi Sun, Chang Xue and Jingyun Ma*

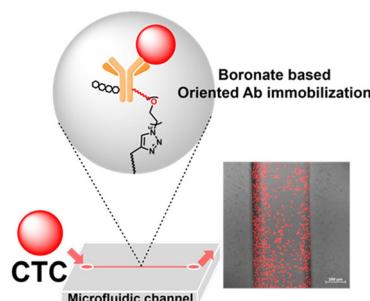
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Modeling the effects of radiation on neurogenesis using an *in vitro* neurogenic niche approach

Laura Nicoleti Zamproni, Julia Rogal, Polyxeni Nikolakopoulou, Klas Blomgren, Marimélia Aparecida Porcionatto and Anna Herland*

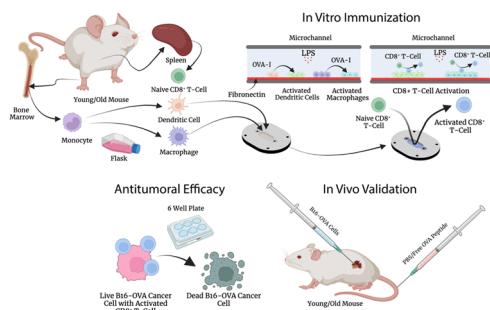
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Boronate-mediated covalent and oriented immobilization of antibodies on the PDMS surface toward improved capture of circulating tumor cells

Ke-Hong Lyu, Jin-Wei Chen, Dun-Yuan Jin, Yu-Ju Huang, Hsiung-Lin Tu, Avijit K. Adak* and Chun-Cheng Lin*

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Surjendu Maity, Alireza Hassani Najafabadi, Satoru Kawakita, Danial Khorsandi, Can Yilgor, Christopher Jewell, Neda Mohaghegh, Mehmet Remzi Dokmeci, Ali Khademhosseini and Vadim Jucaud*



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Correction: Sequential trench well based microfluidic platform to isolate bacteria from whole blood with large volume processing

Cheonggyu Lee, Gi Yoon Lee, Hyelyn Joo, Hamin Kim, Junwon Kang, Tae Hyun Kim, Jonghyun Ha,* Sunghoon Kwon* and Jungil Choi*

