

Lab on a Chip

Devices and applications at the micro- and nanoscale
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EDITORIAL

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The evolution of miniaturization, automation, and integration – a new scope for *Lab on a Chip*

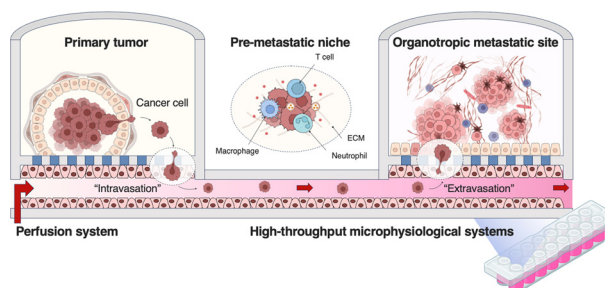


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Understanding organotropism in cancer metastasis using microphysiological systems

Jihoon Ko,* Jiyoung Song, Yedam Lee, Nakwon Choi and Hong Nam Kim*



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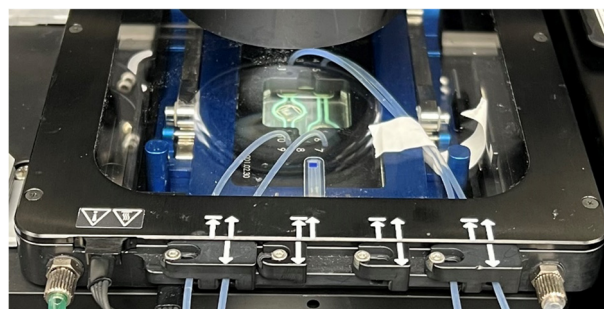


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Charles G. Alver, Silvia Álvarez-Cubela, Isabella Altilio, Emily Hutchison, Emma Warrner, Mariana E. Viso, Giana Vitale, David Oliver, Ricardo L. Pastori,* Juan Dominguez-Bendala* and Ashutosh Agarwal*

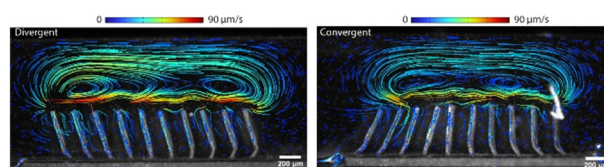


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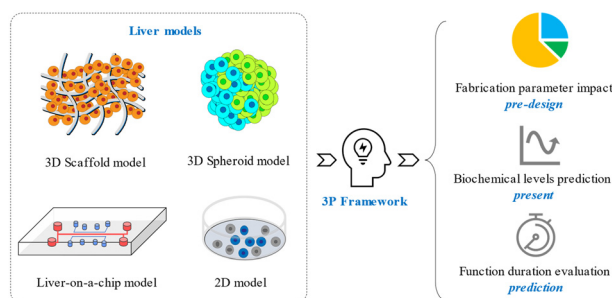
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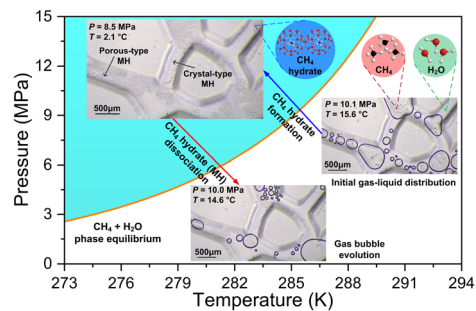
Jingmin An, Shuyu Zhang, Juan Wu, Haolin Chen, Guoshi Xu, Yifan Hou, Ruoyu Liu, Na Li, Wenjuan Cui, Xin Li,* Yi Du* and Qi Gu*



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Jidong Zhang, Zhenyuan Yin,* Saif A. Khan, Shuxia Li, Qingping Li, Xiaohui Liu and Praveen Linga



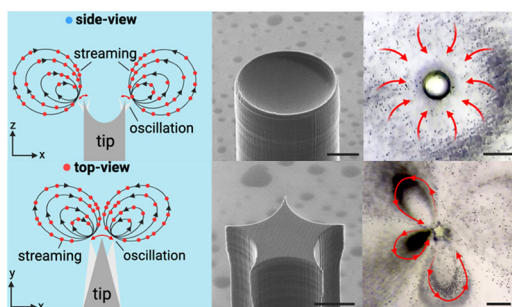
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Quantitative mechanical stimulation of GPR68 using a novel 96 well flow plugin

Philipp Segeritz, Kirill Kolesnik, Daniel J. Scott* and David J. Collins*

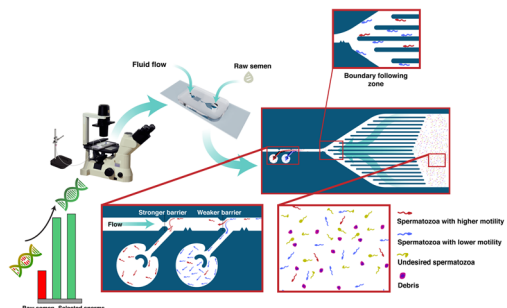
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William S. Harley, Kirill Kolesnik, Daniel E. Heath and David J. Collins*

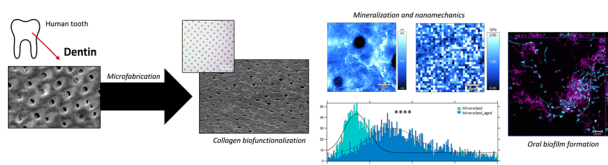
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Mohammadjavad Bouloorchi Tabalvandani, Saeed Javadizadeh and Majid Badiroostami*

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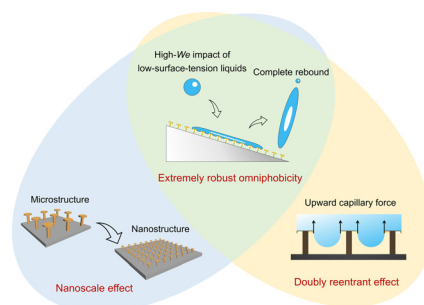
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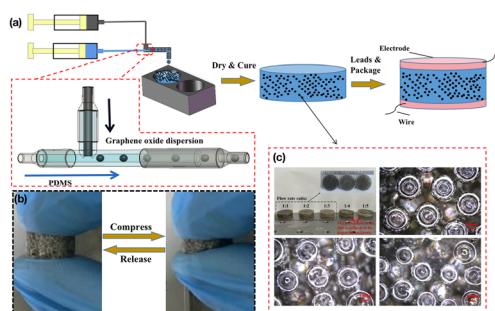
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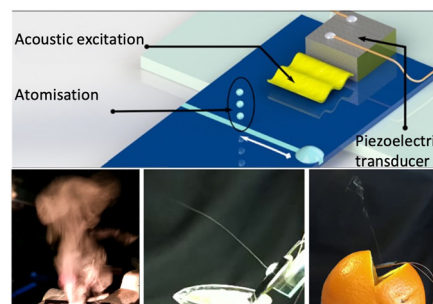
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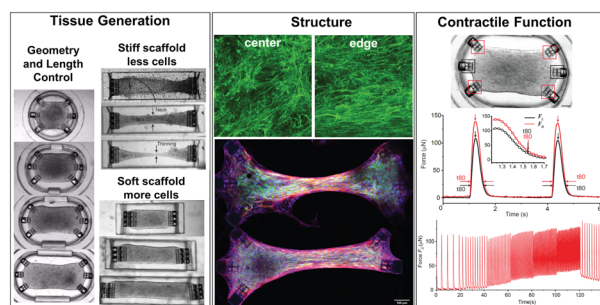
Nguyen Hoai An Le, Jason Brenker, Abanoub Shenoda, Zara Sheikh, Jackson Gum, Hui Xin Ong, Daniela Traini and Tuncay Alan*



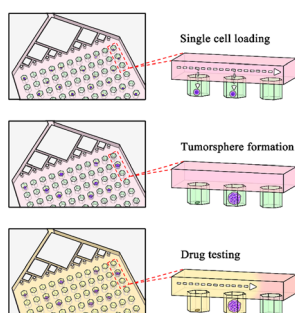
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M. Çağatay Karakan, Jourdan K. Ewoldt, Addianette J. Segarra, Subramanian Sundaram, Miranda C. Wang, Alice E. White, Christopher S. Chen and Kamil L. Ekinci



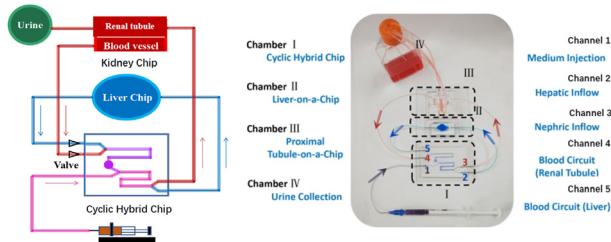
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Selective expansion of renal cancer stem cells using microfluidic single-cell culture arrays for anticancer drug testing

Xiaogang Wang, Tao He, Zihe Chen, Jueming Chen, Yanzhang Luo, Dongguo Lin, Xiancheng Li* and Dayu Liu

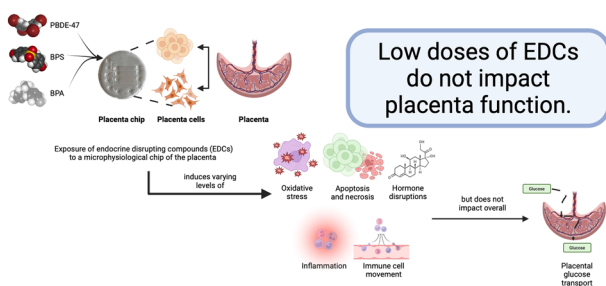
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Qihong Huang, Tianhao Yang, Yunpeng Song, Wenxuan Sun, Jian Xu,* Ya Cheng,* Ruixue Yin, Lili Zhu, Mengting Zhang, Lei Ma, Honglin Li and Hongbo Zhang*

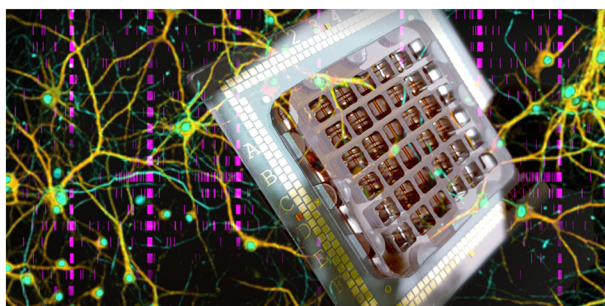
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Manuel S. Vidal Jr., Lauren S. Richardson, Ananth Kumar Kammala, Sungjin Kim, Po Yi Lam, Rahul Cherukuri, Tilu Jain Thomas, Mohammed Bettayeb, Arum Han, Ivan Rusyn and Ramkumar Menon*

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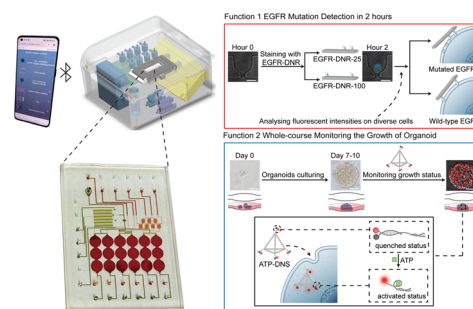
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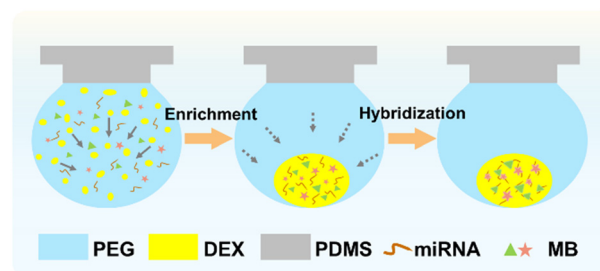
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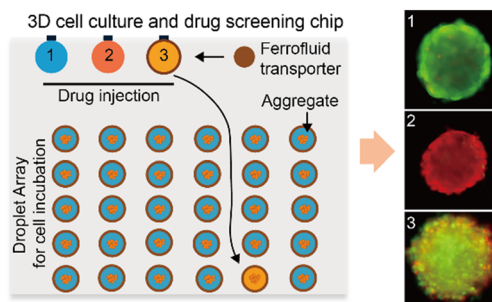
Qihao Zha, Yong Luo, Conghui Liu* and Tailin Xu



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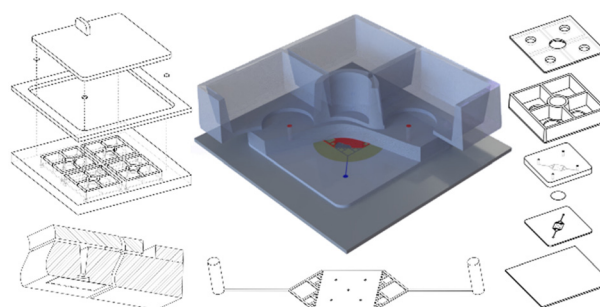
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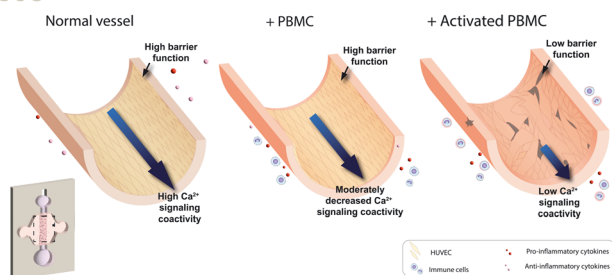
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Aishwarya Rengarajan, Hannah E. Goldblatt, David J. Beebe, María Virumbrales-Muñoz and Derek S. Boeldt*

