

Lab on a Chip

Devices and applications at the micro- and nanoscale
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ISSN 1473-0197 CODEN LCAHAM 24(14) 3317-3570 (2024)



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See Yan-qing Lu, Lunbiao Cui, Guanghui Wang *et al.*, pp. 3367–3376.
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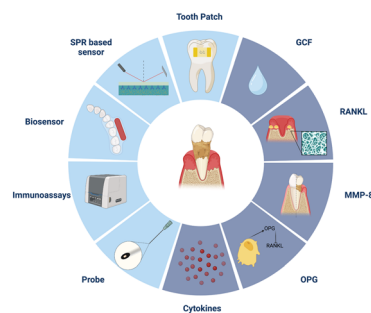
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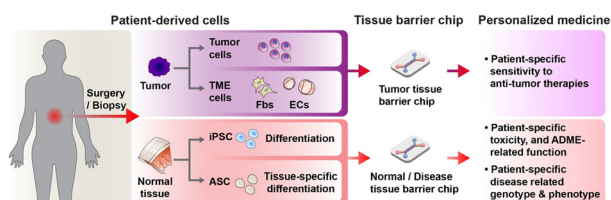
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Jaehoon Kim, Taehee Yoon, Sungryeong Lee, Paul J. Kim and YongTae Kim*



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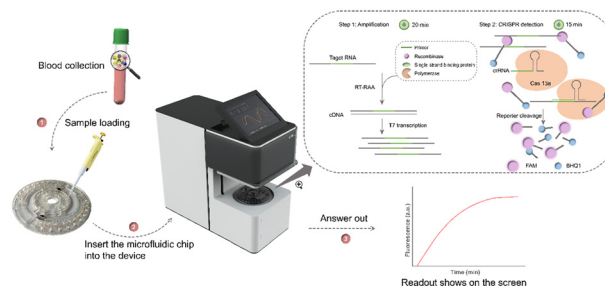
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Portable all-in-one microfluidic system for CRISPR–Cas13a-based fully integrated multiplexed nucleic acid detection

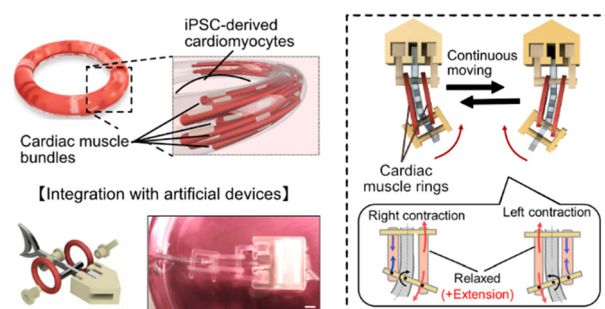
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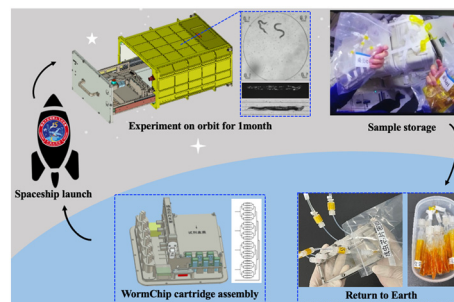
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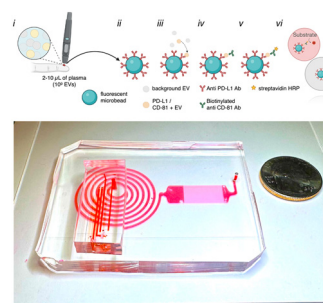
Qianqian Yang, Runtao Zhong,* Wenbo Chang, Kexin Chen, Mengyu Wang, Shuqi Yuan, Zheng Liang, Wei Wang, Chao Wang, Guanghui Tong, Tao Zhang and Yeqing Sun*



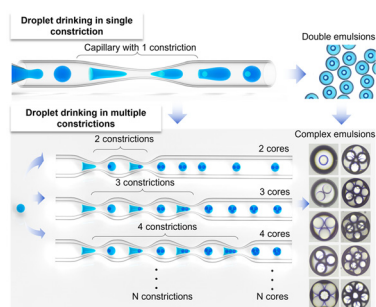
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Ultrasensitive quantification of PD-L1+ extracellular vesicles in melanoma patient plasma using a parallelized high throughput droplet digital assay

Hanfei Shen, Yasemin Atiyas, Zijian Yang, Andrew A. Lin, Jingbo Yang, Diao Liu, Juhwan Park, Wei Guo and David A. Issadore*



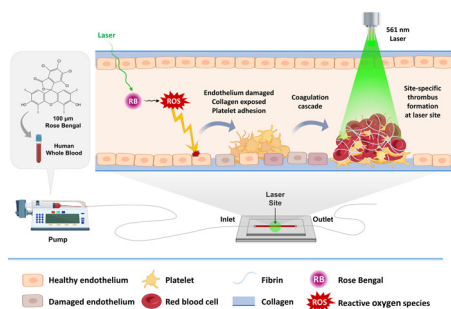
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Droplet drinking in constrictions

Shi Feng, Chundong Xue, Cunliang Pan and Shengyang Tao*

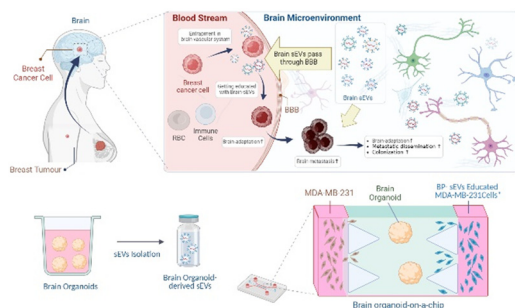
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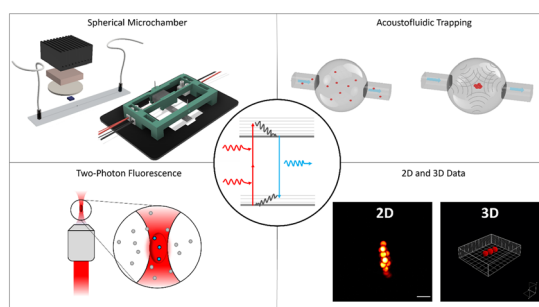
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Impact of brain organoid-derived sEVs on metastatic adaptation and invasion of breast carcinoma cells through a microphysiological system

Hojjatollah Nazari, Ann-Na Cho, Dale Goss, Jean Paul Thiery and Majid Ebrahimi Warkiani*

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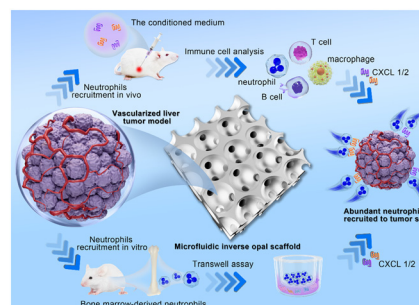
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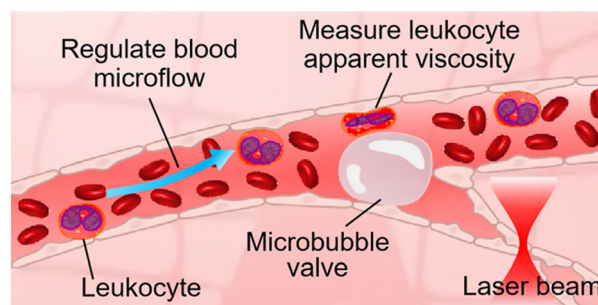
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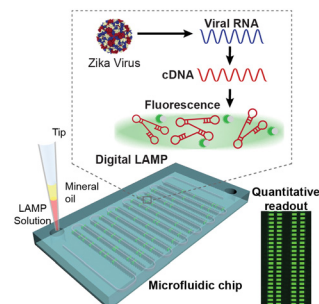
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Development of a self-powered digital LAMP microfluidic chip (SP-dChip) for the detection of emerging viruses

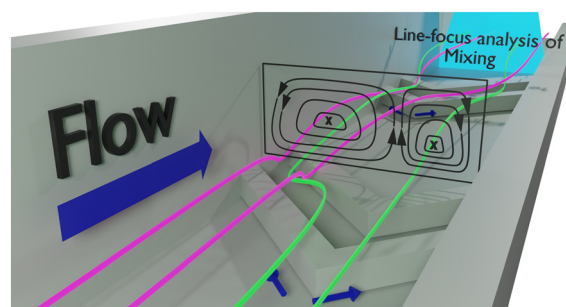
Tom Kasputis, Po-Chen Yeh, Li Liu, Jeffrey Marano, James Weger-Lucarelli, Ke Du, Liwei Lin* and Juhong Chen*



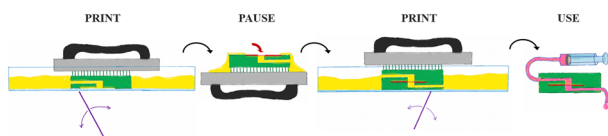
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In-line Raman imaging of mixing by herringbone grooves in microfluidic channels

W. J. Niels Klement, Elia Savino, Wesley R. Browne* and Elisabeth Verpoorte*



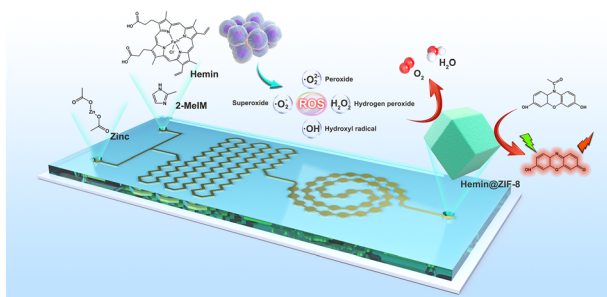
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Functionality integration in stereolithography 3D printed microfluidics using a “print-pause-print” strategy

Matthieu Sagot, Timothée Derkenne, Perrine Giunchi, Yohan Davit, Jean-Philippe Nougayrède, Corentin Tregouet, Vincent Raimbault, Laurent Malaquin and Bastien Venzac*

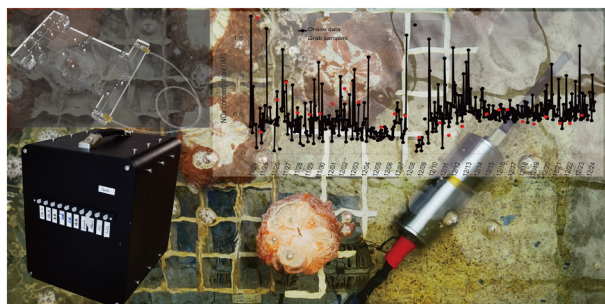
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Microfluidic synthesis of hemin@ZIF-8 nanozyme with applications in cellular reactive oxygen species detection and anticancer drug screening

Yanping Wang, Shujun Feng, Xuyuan Wang, Chungui Tao, Yuta Liu, Yanyi Wang, Yanfeng Gao,* Jinsong Zhao* and Yujun Song*

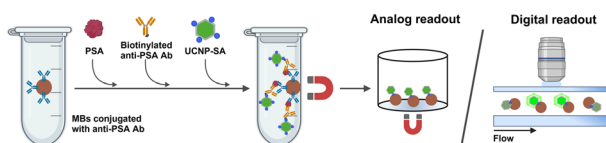
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Zeming Yang, Junxiao Zhang, Jincheng Zhao, Wen Zhou, Yuanyue Cheng, Zhantang Xu, Panpan Wei, Zihui Wang, Haorui Liang and Cai Li*

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Single-molecule microfluidic assay for prostate-specific antigen based on magnetic beads and upconversion nanoparticles

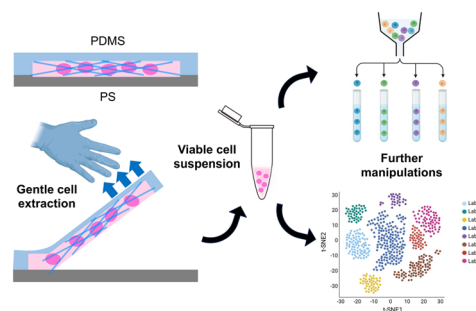
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Microfluidic fabrication of monodisperse microcapsules with gas cores

Shi-Hao Yang, Wan-Lu Song, Lin-Ling Fan, Chuan-Fu Deng, Rui Xie, Wei Wang, Zhuang Liu, Da-Wei Pan, Xiao-Jie Ju* and Liang-Yin Chu*

