

Lab on a Chip

Devices and applications at the micro- and nanoscale
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pp. 2371–2377.
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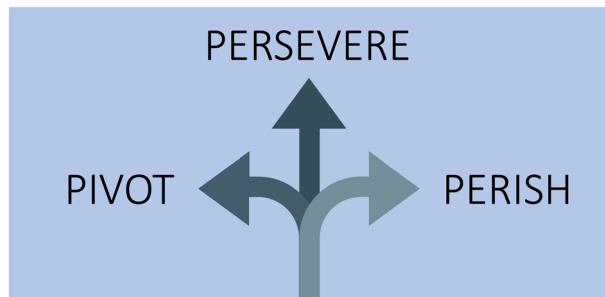
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PERSPECTIVE

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Pivot, persevere, or perish: how Ellume Health overcame development and regulatory obstacles to become the first authorized over-the-counter COVID-19 test in the United States

Morgan N. Greenleaf, Eric Nehl, Gregory L. Damhorst
and Wilbur A. Lam*

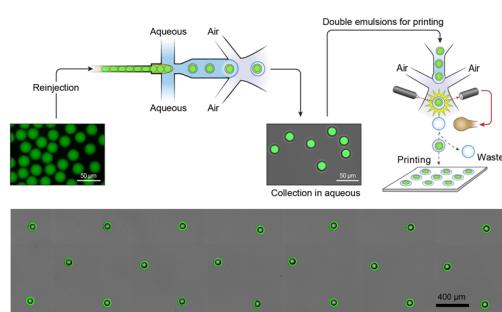


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Flow cytometric printing of double emulsions into open droplet arrays

Pengfei Zhang, Linfeng Xu, Huawei Chen
and Adam R. Abate*



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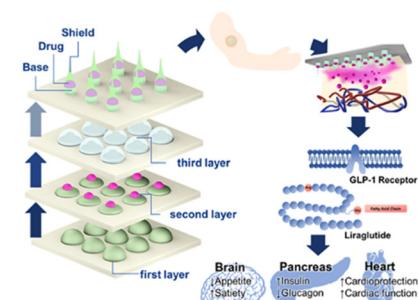
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PAPERS

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Fabrication of liraglutide-encapsulated triple layer hyaluronic acid microneedles (TLMs) for the treatment of obesity

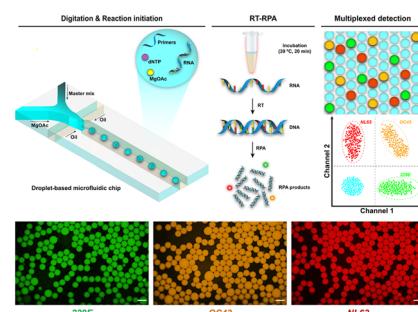
Seorin Juhng, Jieun Song, Jeongyun You, Jihyun Park, Huisuk Yang, Mingyu Jang, Geonwoo Kang, Jiwoo Shin, Hyuk Wan Ko* and Hyungil Jung*



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Droplet digital recombinase polymerase amplification for multiplexed detection of human coronavirus

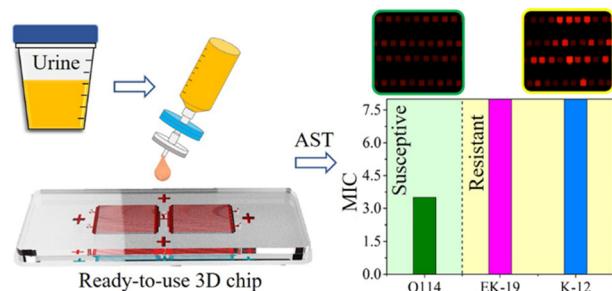
Ji Wook Choi, Won Ho Seo, Taejoon Kang, Taewook Kang and Bong Geun Chung*



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Direct single-cell antimicrobial susceptibility testing of *Escherichia coli* in urine using a ready-to-use 3D microwell array chip

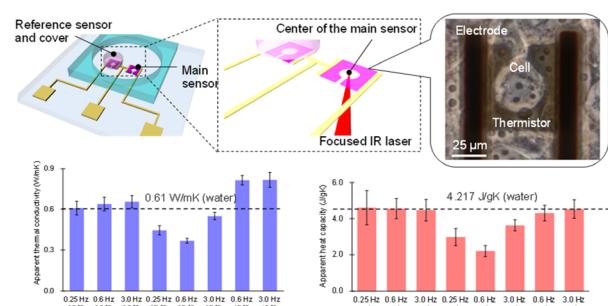
Wenshuai Wu, Gaozhe Cai, Yang Liu, Yuanjie Suo, Boran Zhang, Wei Jin, Yinghua Yu and Ying Mu*



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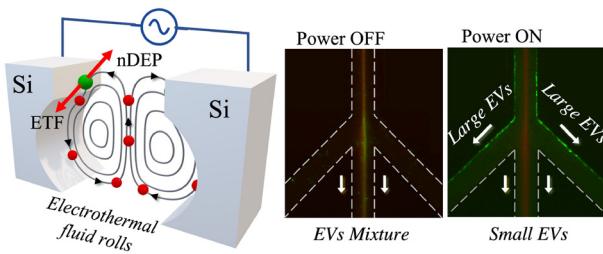
Measurement of cellular thermal properties and their temperature dependence based on frequency spectra via an on-chip-integrated microthermistor

Naoki Inomata,* Takumi Miyamoto, Kohki Okabe and Takahito Ono



PAPERS

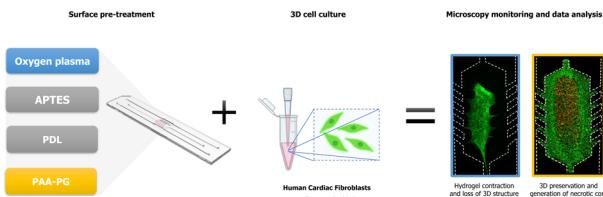
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Continuous-flow label-free size fractionation of extracellular vesicles through electrothermal fluid rolls and dielectrophoresis synergistically integrated in a microfluidic device

Yang Bu, Jinhui Wang, Sheng Ni, Yusong Guo and Levent Yobas*

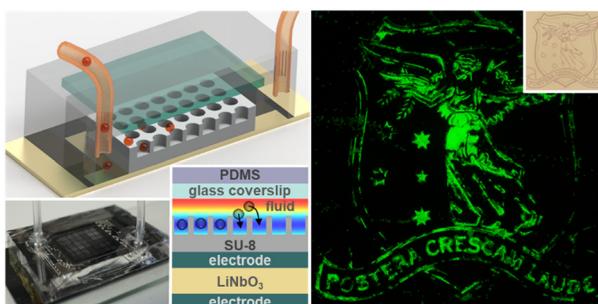
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Surface modifications of COP-based microfluidic devices for improved immobilisation of hydrogel proteins: long-term 3D culture with contractile cell types and ischaemia model

Sandra González-Lana, Teodora Randelovic, Jesús Ciriza, María López-Valdeolivas, Rosa Monge, Carlos Sánchez-Somolinos and Ignacio Ochoa*

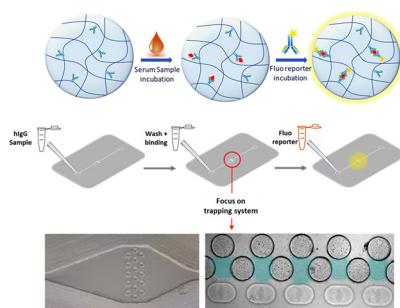
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Sub-wavelength acoustic stencil for tailored micropatterning

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

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Hydrogel particles-on-chip (HyPoC): a fluorescence micro-sensor array for IgG immunoassay

Alessandra De Masi, Pasqualina Liana Scognamiglio,* Edmondo Battista, Paolo Antonio Netti and Filippo Causa*

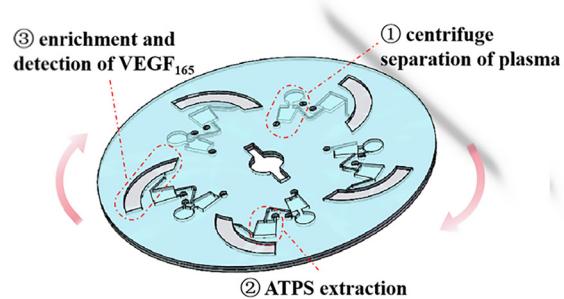


PAPERS

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Enrichment and detection of VEGF₁₆₅ in blood samples on a microfluidic chip integrated with multifunctional units

Xinyu He, Junyan Xu, Xiaoli Wang, Chuang Ge, Shunbo Li, Li Wang and Yi Xu*



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Non-fouling polymer brush grafted fluorine-doped tin oxide enabled optical and chemical enhancement for sensitive label-free antibody microarrays

Xiaoyi Li, Zhihao Feng, Changxiang Fang, Yunpeng Wei, Dandan Ji and Weihua Hu*

