

Lab on a Chip

Devices and applications at the micro- and nanoscale
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pp. 3160–3171.
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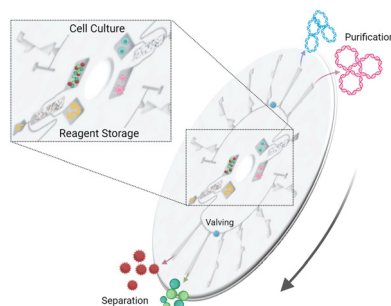
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Integrated membranes within centrifugal microfluidic devices: a review

Killian C. O'Connell* and James P. Landers

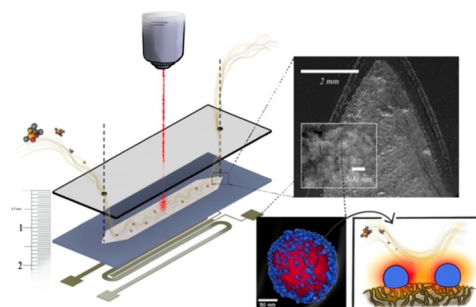


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Marta Lafuente, Fernando Almazán, Eduardo Bernad, Ileana Florea, Raul Arenal, Miguel A. Urbiztondo, Reyes Mallada and Maria P. Pina*



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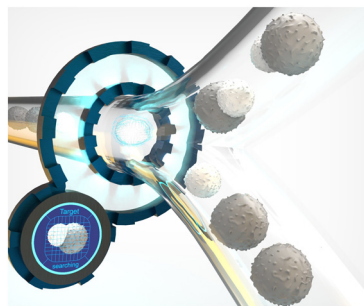
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High-precision, low-complexity, high-resolution microscopy-based cell sorting

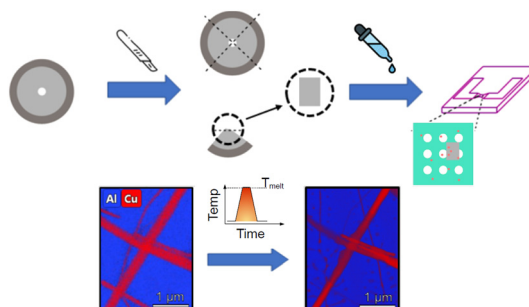
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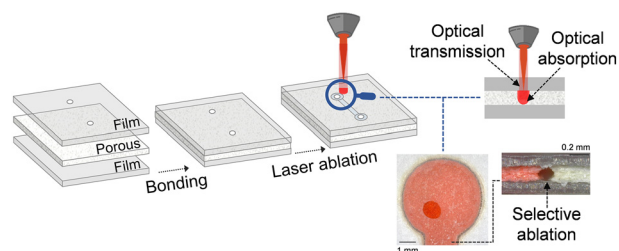
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Selective laser ablation for *in situ* fabrication of enclosed channel porous-media microfluidic analytical devices

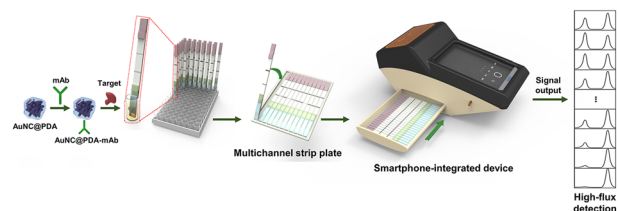
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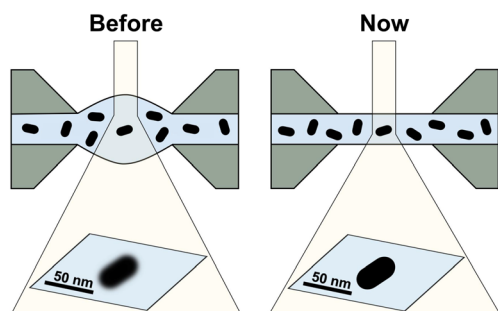
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High-flux smartphone-integrated lateral flow assay based on chrysanthemum-like Au@polydopamine for sensitive detection of enrofloxacin in milk

Ganggang Zhang, Xiaocui Lai, Weihua He, Liu Su, Gan Zhang, Weihua Lai and Shengliang Deng*



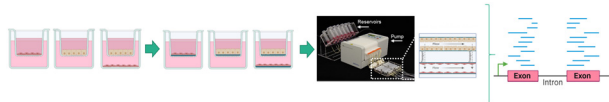
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Robust fully controlled nanometer liquid layers for high resolution liquid-cell electron microscopy

Tyler S. Lott, Ariel A. Petruk, Nicolette A. Shaw, Natalie Hamada, Carmen M. Andrei, Yibo Liu, Juewen Liu and Germán Sciaini*

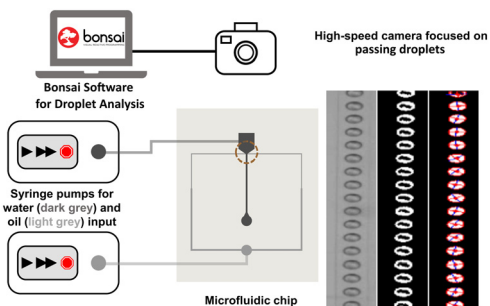
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3D vascularised proximal tubules-on-a-multiplexed chip model for enhanced cell phenotypes

Miguel Carracedo, Sanlin Robinson, Babak Alaei, Maryam Clausen, Ryan Hicks, Graham Belfield, Magnus Althage, Annette Bak, Jennifer A. Lewis, Pernille B. L. Hansen and Julie M. Williams*

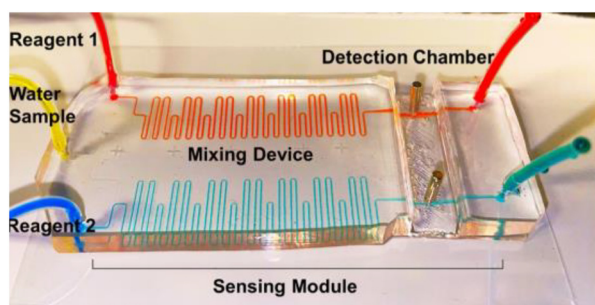
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Open-source tool for real-time and automated analysis of droplet-based microfluidic

Joana P. Neto,* Ana Mota, Gonçalo Lopes, Beatriz J. Coelho, João Frazão, André T. Moura, Beatriz Oliveira, Bárbara Sieira, José Fernandes, Elvira Fortunato, Rodrigo Martins, Rui Igreja, Pedro V. Baptista and Hugo Águas*

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Hamid Aghamohammadi, Kathryn E. Thomas, Sanjana Srikant, Jason Deglint, Alexander Wong and Mahla Poudineh*



