

# Lab on a Chip

Devices and applications at the micro- and nanoscale  
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## IN THIS ISSUE

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### Cover

See Maria P. Pina et al.,  
pp. 3160–3171.

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### Inside cover

See Michael Kirschbaum et al.,  
pp. 3172–3185.

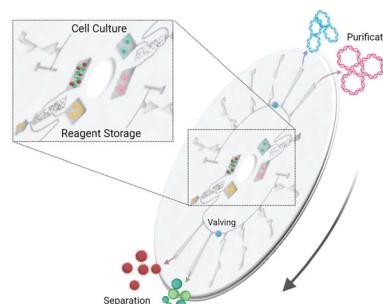
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## CRITICAL REVIEW

3130

### Integrated membranes within centrifugal microfluidic devices: a review

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

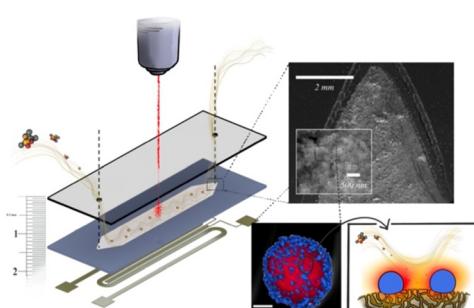


## PAPERS

3160

### On-chip monitoring of toxic gases: capture and label-free SERS detection with plasmonic mesoporous sorbents

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



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# Lab on a Chip

Devices and applications at the micro- and nanoscale

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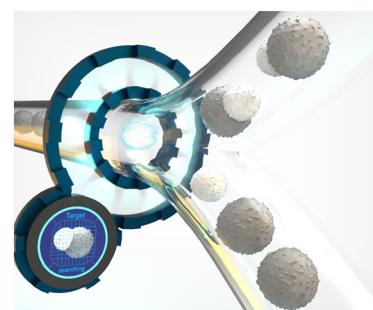
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## PAPERS

3172

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

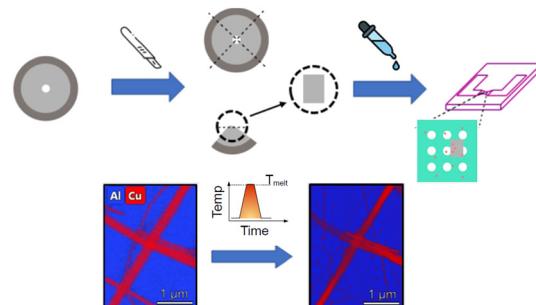
Tobias Gerling, Neus Godino, Felix Pfisterer, Nina Hupf and Michael Kirschbaum\*



3186

***In situ* transmission electron microscopy as a toolbox for the emerging science of nanometallurgy**

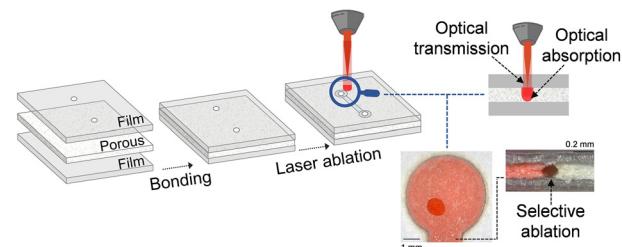
Diego S. R. Coradini,\* Matheus A. Tunes, Patrick Willenshofer, Sebastian Samberger, Thomas Kremmer, Phillip Dumitraschke, Peter J. Uggowitzer and Stefan Pogatscher



3194

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

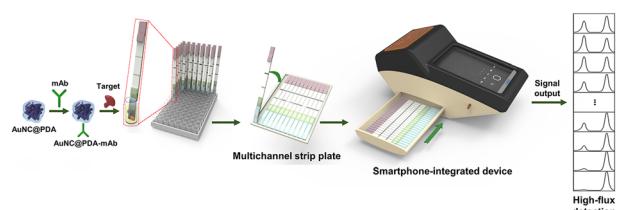
Saichon Sumantakul and Vincent T. Remcho\*



3207

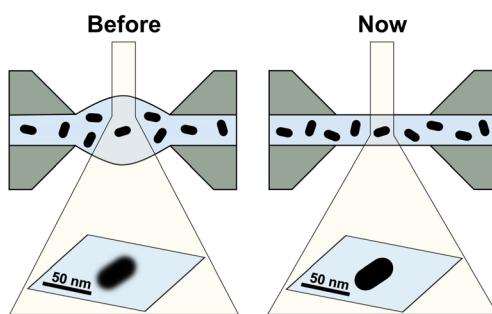
**High-flux smartphone-integrated lateral flow assay based on chrysanthemum-like Au@polydopamine for sensitive detection of enrofloxacin in milk**

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



## PAPERS

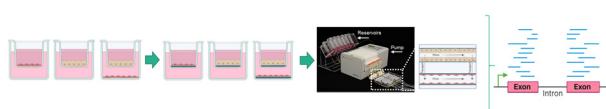
3217



### 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 Sciaiani\*

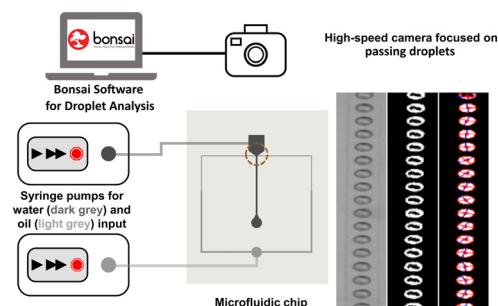
3226



### 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\*

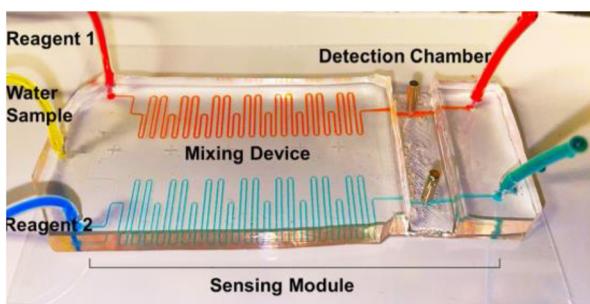
3238



### 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\*

3245



### A competitive, bead-based assay combined with microfluidics for multiplexed toxin detection

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

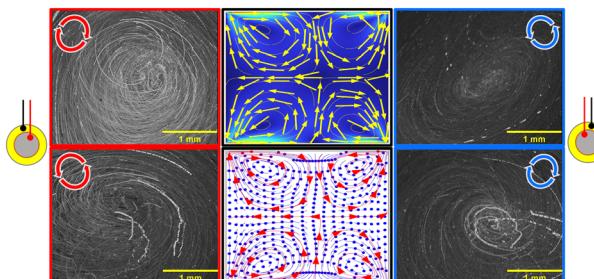


## PAPERS

3258

**Acoustofluidic large-scale mixing for enhanced microfluidic immunostaining for tissue diagnostics**

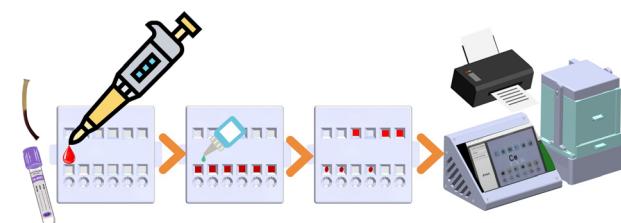
Muaz S. Draz,\* Diego Dupouy and Martin A. M. Gijs



3272

**DROP and READ: a paper-based device combined with portable readout for ABO, Rh (D, C, c, E, e) and Mi<sup>a</sup> phenotyping**

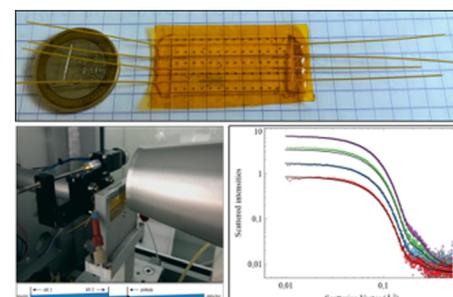
Sirinart Chomean, Apicit Tantaworrasilp, Pished Bunnun, Napasorn Na-nan, Kasama Prasert and Chollanot Kaset\*



3280

***In situ* structural analysis with a SAXS laboratory beamline on a microfluidic chip**

Dimitri Radajewski,\* Pierre Roblin, Patrice Bacchin, Martine Meireles and Yannick Hallez\*



3289

**Continuous molecular monitoring of human dermal interstitial fluid with microneedle-enabled electrochemical aptamer sensors**

Mark Friedel,\* Benjamin Werbovetz, Amy Drexelius, Zach Watkins, Ahilya Bali, Kevin W. Plaxco and Jason Heikenfeld

