

Lab on a Chip

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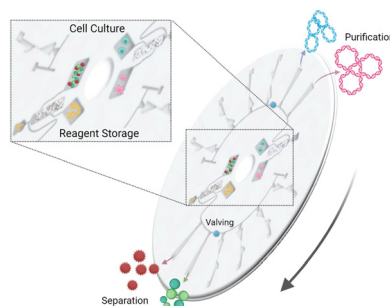
Inside cover
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Integrated membranes within centrifugal microfluidic devices: a review

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

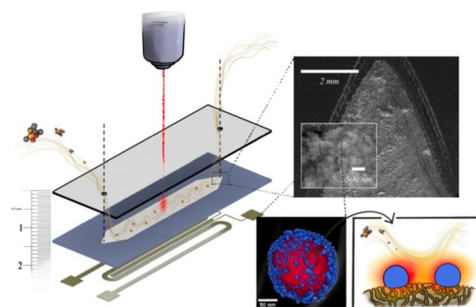


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On-chip monitoring of toxic gases: capture and label-free SERS detection with plasmonic mesoporous sorbents

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



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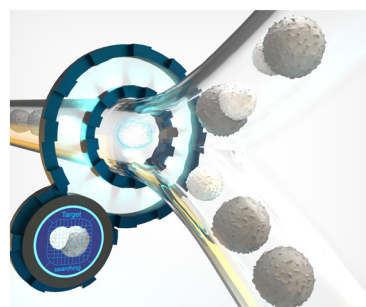


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High-precision, low-complexity, high-resolution microscopy-based cell sorting

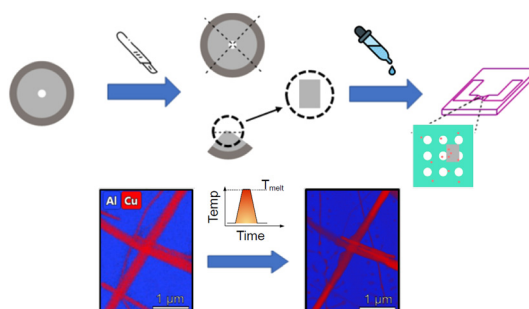
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***In situ* transmission electron microscopy as a toolbox for the emerging science of nanometallurgy**

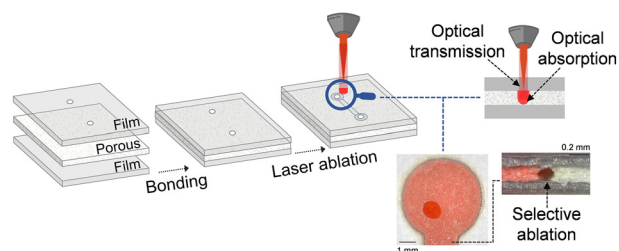
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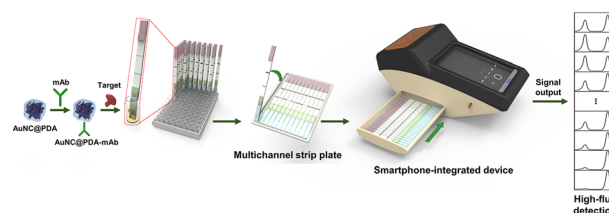
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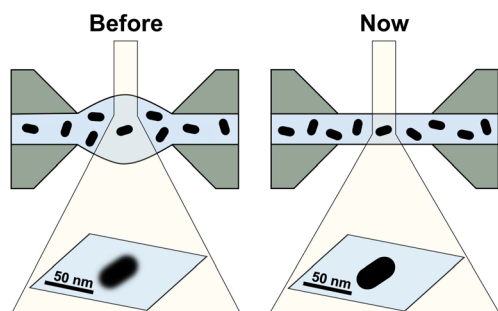
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Ganggang Zhang, Xiaocui Lai, Weihua He, Liu Su, Gan Zhang, Weihua Lai and Shengliang Deng*



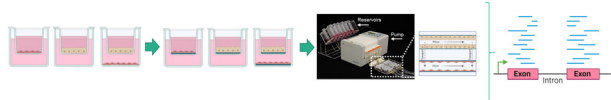
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Tyler S. Lott, Ariel A. Petruk, Nicolette A. Shaw, Natalie Hamada, Carmen M. Andrei, Yibo Liu, Juewen Liu and Germán Sciaini*

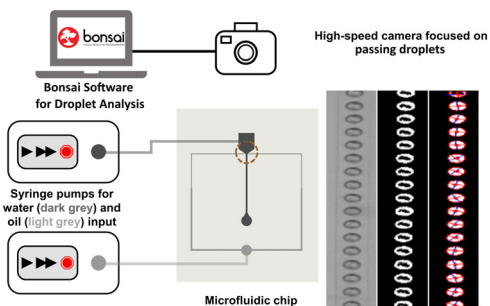
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3D vascularised proximal tubules-on-a-multiplexed chip model for enhanced cell phenotypes

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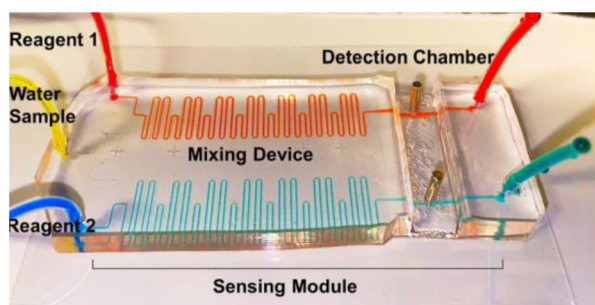
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Joana P. Neto,* Ana Mota, Gonalo Lopes, Beatriz J. Coelho, Joo Frazo, Andr T. Moura, Beatriz Oliveira, Brbara Sieira, Jos Fernandes, Elvira Fortunato, Rodrigo Martins, Rui Igreja, Pedro V. Baptista and Hugo guas*

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

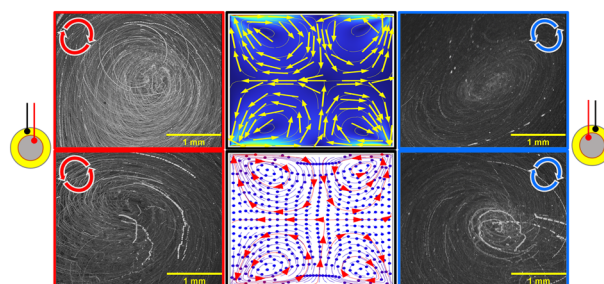


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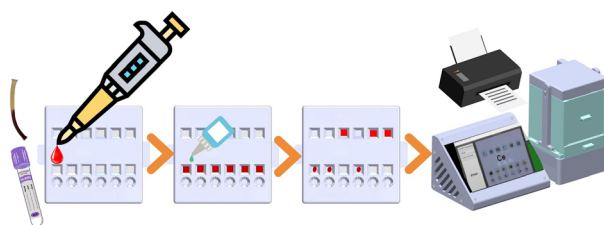
Muaz S. Draz,* Diego Dupouy and Martin A. M. Gijs



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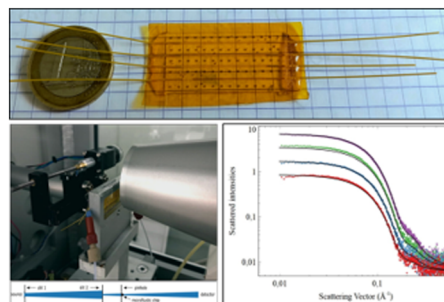
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Dimitri Radajewski,* Pierre Roblin, Patrice Bacchin, Martine Meireles and Yannick Hallez*



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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

