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Devices and applications at the micro- and nanoscale rsc.li/loc

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See Takasi Nisisako et al., pp. 4959–4966.
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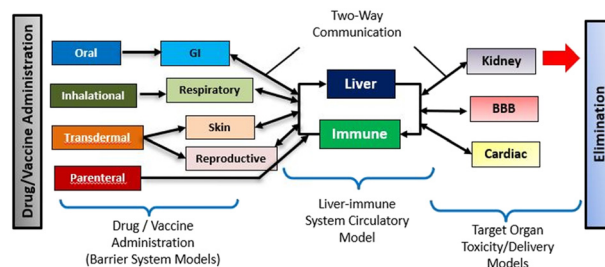
See Andreas Vlachos, Maria Asplund et al., pp. 4967–4985.
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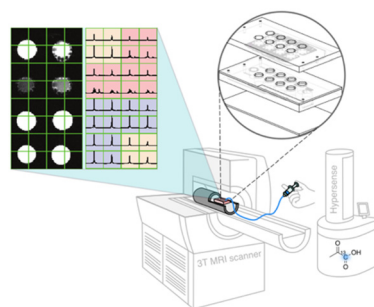


COMMUNICATION

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Parallel detection of chemical reactions in a microfluidic platform using hyperpolarized nuclear magnetic resonance

Jose Yeste, Marc Azagra, Maria A. Ortega, Alejandro Portela, Gergő Matajsz, Alba Herrero-Gómez, Yaewon Kim, Renuka Sriram, John Kurhanewicz, Daniel B. Vigneron and Irene Marco-Rius*



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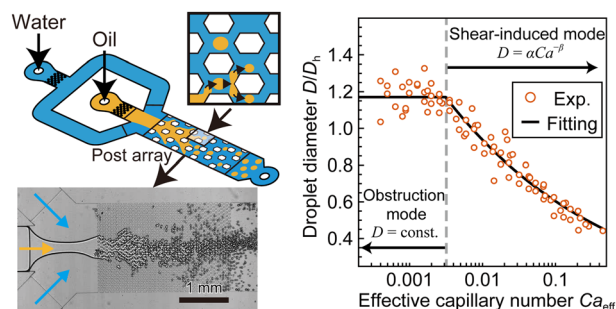


PAPERS

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Understanding droplet breakup in a post-array device with sheath-flow configuration

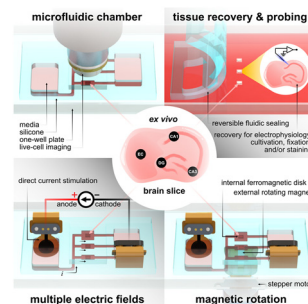
Shuzo Masui, Yusuke Kanno and Takasi Nisisako*



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Brain stimulation-on-a-chip: a neuromodulation platform for brain slices

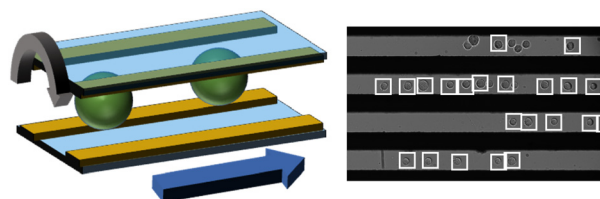
Sebastian Shaner, Han Lu, Maximilian Lenz, Shreyash Garg, Andreas Vlachos* and Maria Asplund*



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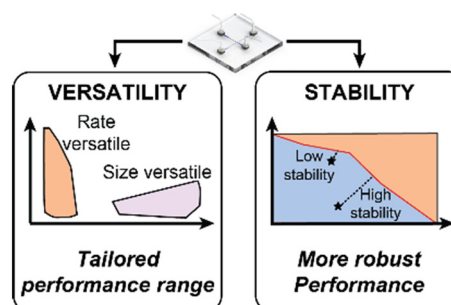
Kazuma Yoda, Yoshiyasu Ichikawa and Masahiro Motosuke*



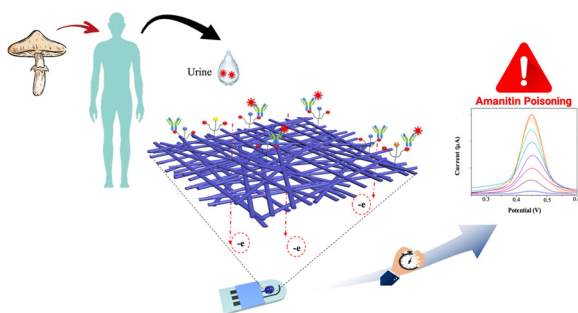
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David McIntyre, Ali Lashkaripour, Diana Arguijo, Polly Fordyce and Douglas Densmore*



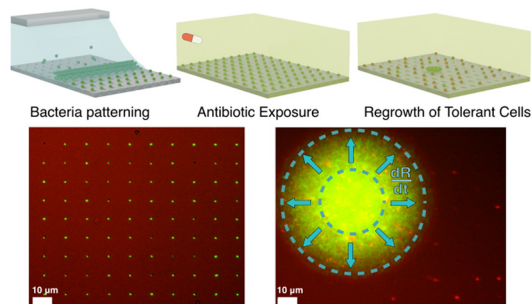
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A label-free electrochemical immunosensor based on decorated cellulose nanofibrous membrane for point-of-care diagnosis of amanitin poisoning via human urine

Ahmed Y. El-Moghazy,* Noha Amaly, Nitin Nitin and Gang Sun*

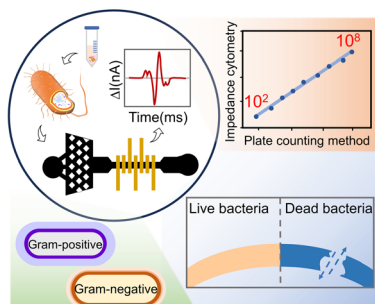
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Single-cell patterning and characterisation of antibiotic persistent bacteria using bio-sCAPA

Cameron Boggan,* Srikanth Mairpady Shambat, Annelies S. Zinkernagel, Eleonora Secchi* and Lucio Isa*

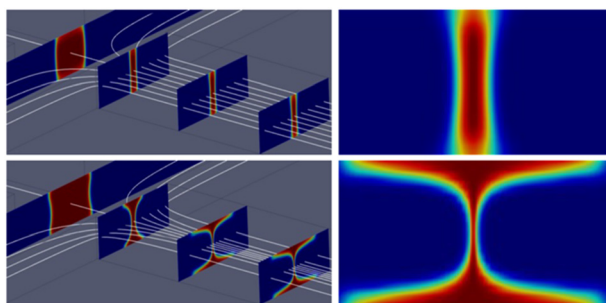
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Jiahong Chen, Jianwei Zhong, Hongtao Lei* and Ye Ai*

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