

Lab on a Chip

Devices and applications at the micro- and nanoscale

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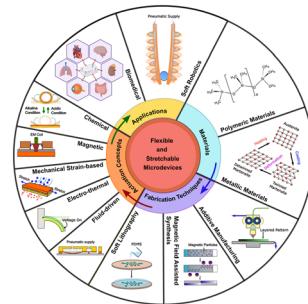
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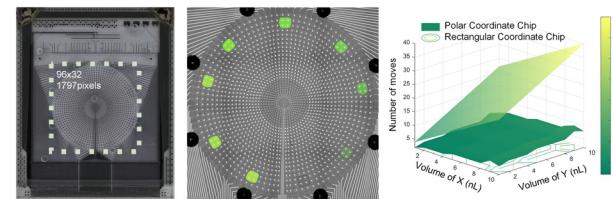


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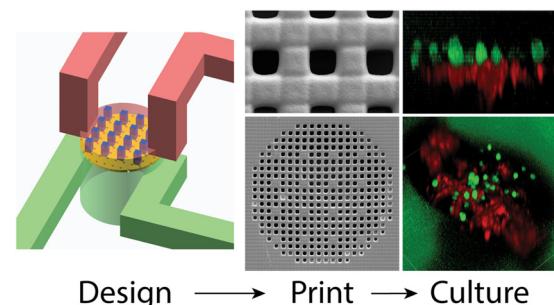
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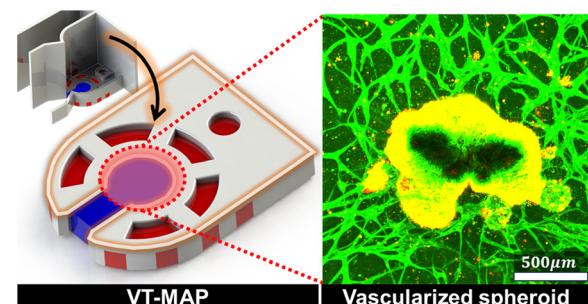
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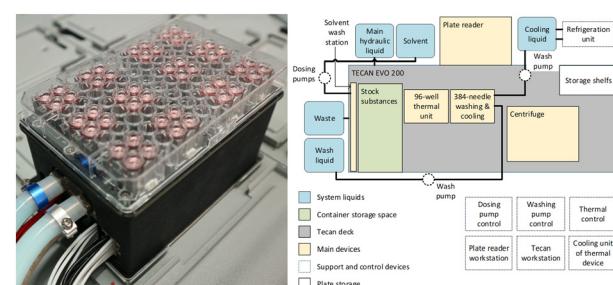
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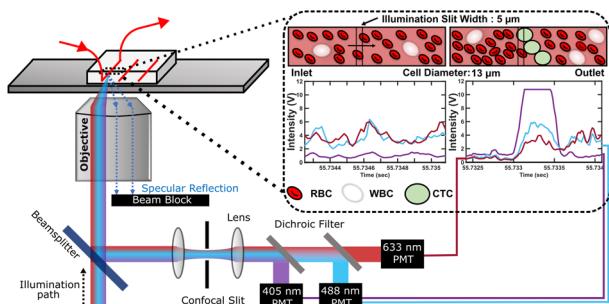
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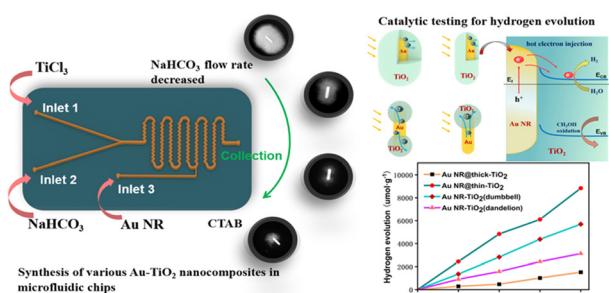
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Deep learning-enabled detection of rare circulating tumor cell clusters in whole blood using label-free, flow cytometry

Nilay Vora, Prashant Shekar, Taras Hanulia, Michael Esmail, Abani Patra and Irene Georgakoudi*

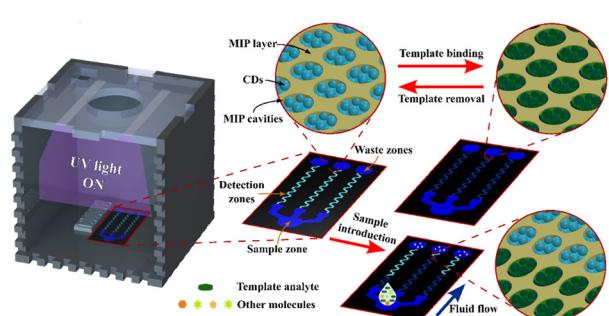
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Ziran Ye,* Ping Lu, Yiben Chen, Zhixian Xu, Haixia Huang, Mingjia Zhi, Zi Ang Chen and Bo Yan*

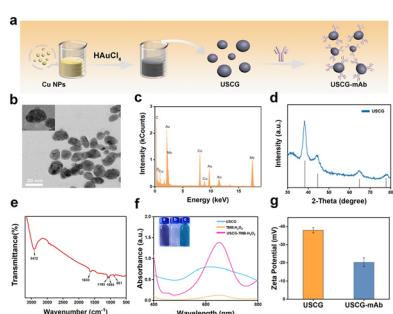
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Distance-based paper analytical device for multiplexed quantification of cytokine biomarkers using carbon dots integrated with molecularly imprinted polymer

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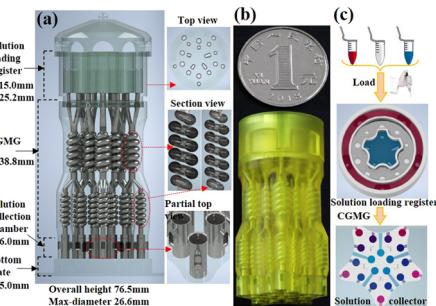


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High-throughput 3D microfluidic chip for generation of concentration gradients and mixture combinations

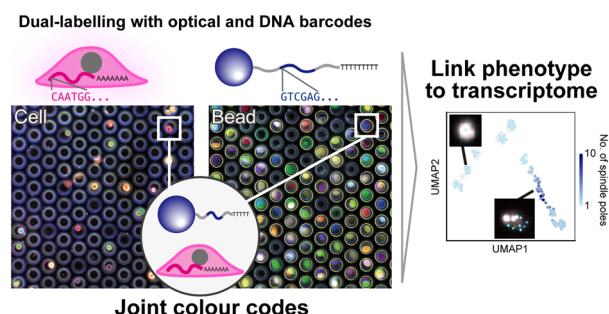
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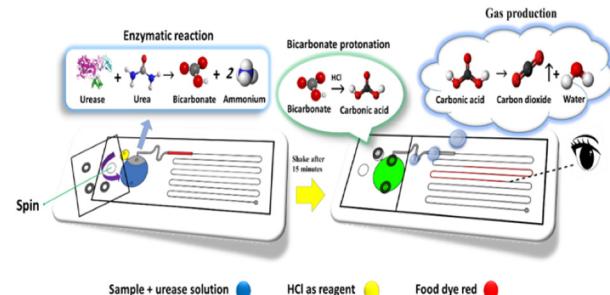
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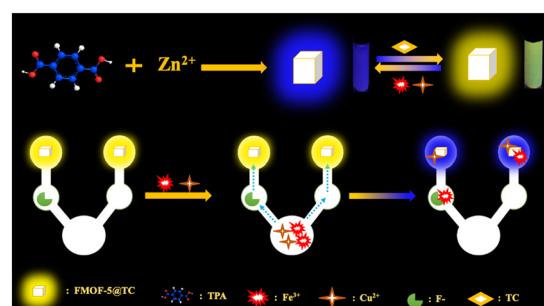
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Sabah H. Al-Jaf, Sameera Sh. Mohammed Ameen and Khalid M. Omer*



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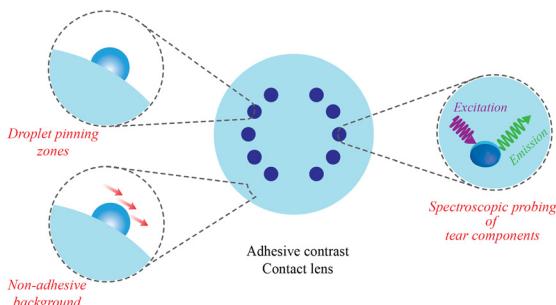
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Amirreza Gholivand, Olivera Korculanin, Knut Dahlhoff, Mehrnaz Babaki, Timo Dickscheid and Minne Paul Lettinga*

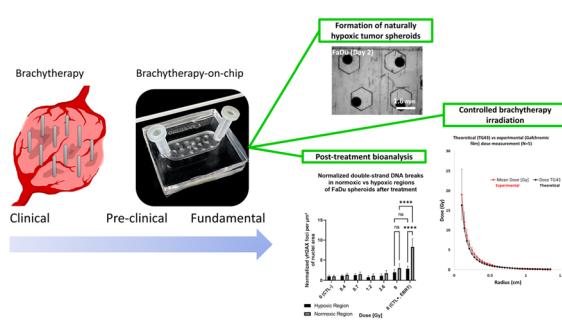
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A surface-engineered contact lens for tear fluid biomolecule sensing

Aravind M and Sajan D. George*

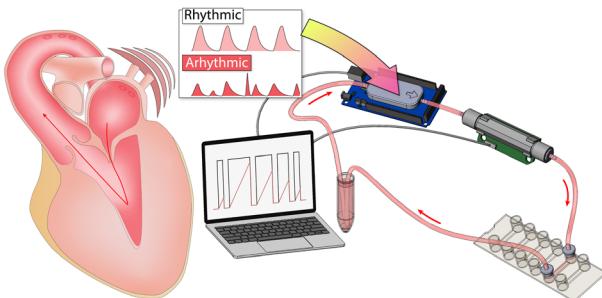
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Rodin Chermat,* Elena Refet-Mollof, Yuji Kamio, Jean-François Carrier, Philip Wong and Thomas Gervais

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Austin Lai, Adam Hawke, Mokhaled Mohammed, Peter Thurgood, Gianmarco Conclilia, Karlheinz Peter, Khashayar Khoshmanesh* and Sara Baratchi*



CORRECTION

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Correction: Integrated biosensors for monitoring microphysiological systems

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