Lab on a Chip

Micro- & nano- fluidic research for chemistry, physics, biology, & bioengineering

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Vunjak-Novakovic *et al.*
Surface-patterned electrode bioreactor

van Thriel, West *et al.*
The network formation assay

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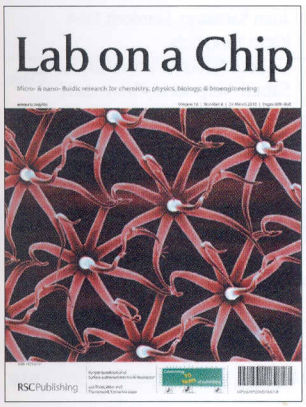
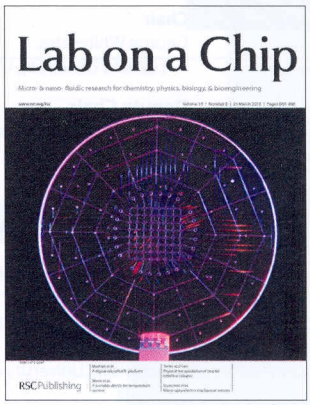


Cover

See Minhas pp. 681–682.
The fabricated 3-D microstructure is an output of dynamic mode multidirectional UV lithography. The unit structure shows the flower-like (lotus) shape and the tip of each leaf is connected with each other forming a hand-in-hand coalition.
Image reproduced by permission of Jungkwun 'JK' Kim and Yong-Kyu 'YK' Yoon from *Lab Chip*, 2010, **10**, 681.



Inside cover

See Mathies *et al.*, pp. 685–691.
A digital microfluidic Automaton, based on 2-dimensional microvalve array technology, enables the execution of diverse microfluidic programs for the rapid automation of bioassays.
Image reproduced by permission of Erik C. Jensen, Bharath P. Bhat and Richard A. Mathies from *Lab Chip*, 2010, **10**, 685.

EDITORIAL

HIGHLIGHT