

Droplet-Based Microfluidic Platforms for the Encapsulation and Screening of Mammalian Cells and Multicellular Organisms

Jenifer Clausell-Tormos, Diana Lieber, Jean-Christophe Baret, Abdeslam El-Harrak, Oliver J. Miller, Lucas Frenz, Joshua Blouwolff, Katherine J. Humphry, Sarah Köster, Honey Duan, Christian Holtze, David A. Weitz, Andrew D. Griffiths,* and Christoph A. Merten*

*Correspondence: cmerten@isis.u-strasbg.fr (C.A.M.), griffiths@isis.u-strasbg.fr (A.D.G.)

DOI 10.1016/j.chembiol.2008.08.004

(Chemistry & Biology 15, 427–437; May 2008)

During the preparation of this manuscript, one of the supporting agencies was inadvertently left out of the Acknowledgments. The corrected Acknowledgments section appears below.

ACKNOWLEDGMENTS

The authors would like to thank Michael Samuels (Raindance Technologies) and Wolfgang Hinz (Rothberg Institute for Childhood Diseases) for their help with developing the emulsion-breaking protocol, Raindance Technologies for the kind gift of Emulsion Destabilizer A104, and Luis Briseño Roa for his introduction to the cultivation of nematodes. C.A.M. and D.L. were supported by a Liebig Grant of the Fonds der Chemischen Industrie, which is partially funded by the Bundesministerium fuer Bildung und Forschung (BMBF). J.-C.B. was supported by a European Molecular Biology Organization long-term fellowship, and A.E.-H. was supported by the European Commission Framework Programme 6 (EC FP6) MiFem Network. O.J.M. was supported by the Medical Research Council (UK) and the Ministry of Defense (UK). L.F. was supported by the EC FP6 Marie Curie Research Training Network, ProSA. S.K. was supported by a research grant of the Deutsche Forschungsgemeinschaft (DFG, KO 3572/1). This work was also supported by the Ministère de l'Enseignement Supérieur et de la Recherche, Centre National de la Recherche Scientifique (CNRS), Agence National de la Recherche (ANR), and Agence Nationale de Recherches sur le SIDA et les Hépatites Virales (ANRS). The Medical Research Council (MRC), Harvard University, and the Institut de Science et d'Ingénierie Supramoléculaires (ISIS) have filed patent applications that include some of the ideas described in this manuscript. Should these facilities receive revenues as a result of licensing these patents, the authors are entitled to receive payments through the corresponding Inventor's Rewards Schemes.