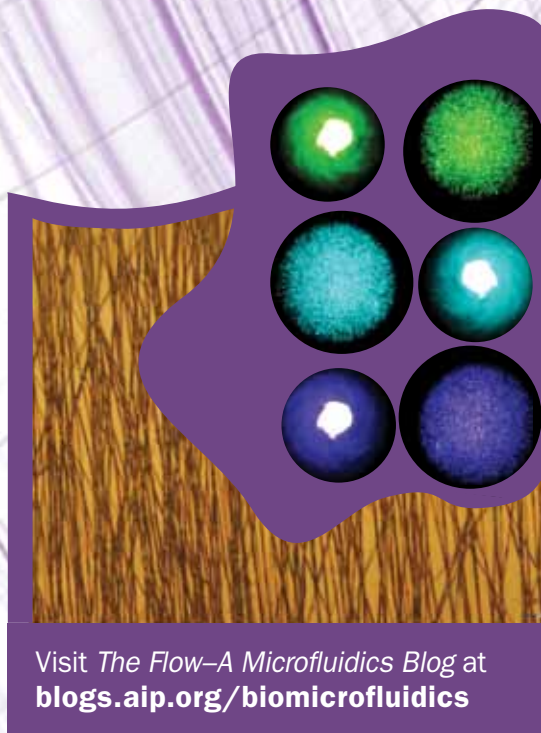


Submit your manuscript online at bmf.peerx-press.org

AIP | Biomicrofluidics

**Research to Help Meet Some
of Today's Greatest Scientific
and Engineering Challenges**



Visit *The Flow*—A Microfluidics Blog at
blogs.aip.org/biomicrofluidics

bmf.aip.org

Biomicrofluidics

Access the Latest Experimental, Theoretical, and Computational Research in this Critical Field

Biomicrofluidics (BMF) is a free-access online journal published by the American Institute of Physics. It provides a novel forum for researchers from diverse fields to rapidly disseminate novel microfluidic techniques with diagnostic, medical, biological, pharmaceutical, environmental, and chemical applications.

BMF publishes high-quality, original research articles, and also organizes special sections that help elucidate and define specific challenges unique to the field. Some recent special sections include:

- Invited Papers from the 2009 Conference on Advances in Microfluidics & Nanofluidics, The Hong Kong University of Science & Technology, Hong Kong, 2009
- Papers from the 82nd American Chemical Society Colloid & Surface Science Symposium, Raleigh, North Carolina, 2008
- Papers from the 2006 Annual Meeting of the American Electrophoresis Society, San Francisco, California, 2006

You'll find a helpful listing of open positions at universities and laboratories worldwide in our Featured Jobs section. Also, browse through our Video Gallery (bmf.aip.org/bmf/interactive_features/video_gallery), where you'll find an engaging collection of videos from BMF articles.

Biomicrofluidics is tracked in Thomson Reuters' Journal Citation Reports/Science Edition, debuting in 2008 as the ninth-ranked journal in Fluid and Plasma Physics, and recording an impressive first Impact Factor of 2.318.

DNA and molecular manipulation
Immuno-colloid control
Separation and sorting devices

Genetic probe control

Microfluidics and nanofluidics

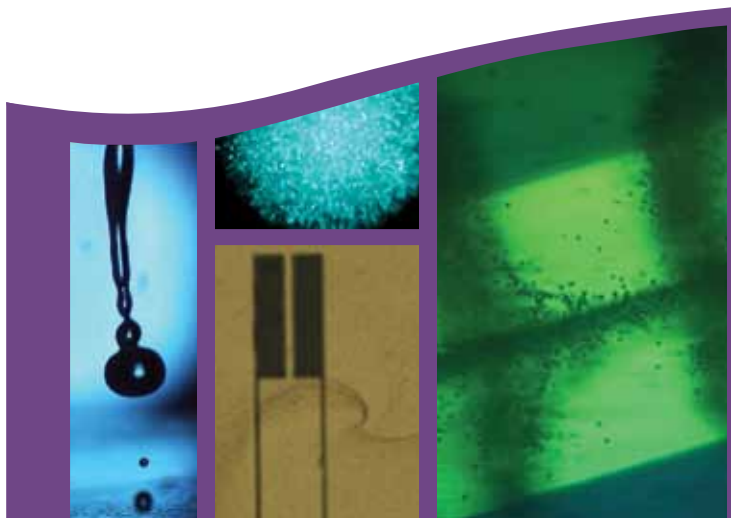
Drop and digitated platforms

Enjoy a Number of Benefits When You Submit Your Research at bmf.peerx-press.org

- Timely review and prompt publication
- Broad dissemination via worldwide online and print distribution networks
- High visibility for your work
 - Research Highlights—chosen by the editors and made freely available to spotlight some of the most interesting papers
 - Top 20 most downloaded—featuring the most popular papers that month online

Get Easy Access to Valuable Online Features Directly From the Article Abstract Page

- **New!** Related article browser
- **New!** Article outline and figure thumbnail browser
- Add Scitation to the search engines in your web browser
- View and link to citing articles
- **New!** Share articles on delicious, Twitter, and other social networking sites
- Access citation data, including BibTex, COinS, EndNote®, Medline, Plain Text, and RefWorks®
- Link directly to supplementary and multimedia material



Wetting and nano-rheology

Rapid particle analyzers and counters

Electrokinetics and magnetohydrodynamics

New to BMF in 2009!

BMF Articles Now Include Multimedia

Video clips or animated movies can be included in the online versions of papers. Multimedia is highlighted in the BMF Video Gallery at bmf.aip.org/bmf/interactive_features/video_gallery. Information for authors on incorporating multimedia material into their papers is available in the "Information for Contributors" posted on the journal's website at bmf.aip.org/bmf/submit.jsp.

Non-Latin Character Sets Available for Author Names

Chinese, Japanese, and Korean authors may choose to have their names published in their own language alongside the English versions of their names in the author list of their publications. Specific guidelines for manuscript preparation are given at aip.org/pubservs/cjk_instructions.html.

Coming to BMF in 2010!

New Fabrication and Methods Section

Biomechanics will soon roll out a new section, "Fabrication and Laboratory Methods," a collection of recipes on novel and classic techniques of laboratory methods and micro- and nanofabrication procedures, presented in a multimedia and pedagogical format.



Top-Flight Editorial Guidance

Biomicrofluidics co-editor Dr. Hsueh-Chia Chang is Bayer Professor of Chemical and Biomolecular Engineering and Director of the Center for Microfluidics and Medical Diagnostics at the University of Notre Dame. Co-editor Dr. Leslie Yeo is an Australian Research Fellow and a Senior Lecturer in the Department of Mechanical & Aerospace Engineering at Monash University, Australia. Drs. Chang and Yeo are ably assisted by a distinguished group of experts who play a crucial role in the peer-review process and in guiding editorial policy.

CO-EDITORS

Hsueh-Chia Chang
University of Notre Dame
Notre Dame, IN, USA

Leslie Y. Yeo
Monash University
Victoria, Australia

ASSOCIATE EDITOR

James R. Friend
Monash University
Victoria, Australia

EDITORIAL BOARD

Jean Berthier
CEA/LETI
Grenoble, France

Paul Bohn
University of Notre Dame
Notre Dame, IN, USA

Andrea W. Chow
Caliper Life Sciences
Hopkinton, MA, USA

Jong Hoon Hahn
Pohang University of Science
and Technology
Pohang, Republic of Korea

Steffen Hardt
Institute for Nano and Micro
Process Technology
Hannover, Germany

I-Ming Hsing
Hong Kong University
of Science and Technology
Kowloon, Hong Kong

Lei Jiang
Chinese Academy of Sciences
Beijing, China

Kwan Hyoung Kang
Pohang University of Science
and Technology
Pohang, Republic of Korea

Ronald G. Larson
University of Michigan
Ann Arbor, MI, USA

Tomokazu Matsue
Tohoku University
Sendai, Japan

Jian-Hua Qin
Dalian Institute of Chemical
Physics, Chinese Academy
of Sciences
China

Todd M. Squires
University of California
Santa Barbara, CA, USA

Jonas Tegenfeldt
Lund University
Lund, Sweden

Orlin D. Velev
North Carolina State University
Raleigh, NC, USA

Jean-Louis Viovy
Institut Curie
Paris, France

David A. Weitz
Harvard University
Cambridge, MA, USA

Weijia Wen
Hong Kong University of
Science and Technology
Kowloon, Hong Kong

Jackie Yi-Ru Ying
Institute of Bioengineering
and Nanotechnology
Singapore



BMF EDITORIAL OFFICE

American Institute of Physics
Suite 1N01
2 Huntington Quadrangle
Melville, NY 11747-4502, USA
Tel: +1 516-576-2403 or
+1 516-576-2616
Fax: 516-576-2223
E-mail: biomf@aip.org

American Institute of Physics

Suite 1N01
2 Huntington Quadrangle
Melville, NY 11747-4502, USA
Tel: 800-344-6902 or
+1 516-576-2270
E-Mail: subs@aip.org