Let us know your thoughts on reproducibility

This month we have a bumper issue on reproducibility for you – a subject close to everyone's hearts. To begin, we have a Tech News piece in which Managing Editor Joseph Martin looks at the size of the problem, and covers the latest efforts to solve, or at least ameliorate, the 'reproducibility crisis'.

We also feature in this issue a white paper from the BioPhorum Development Group discussing requirements for successful development, validation and control of bioassays, and a letter to the editor cautioning how plasmid DNA topology affects luciferase assay reproducibility. What's more, there are reports presenting methods to ensure reproducibility, including an assay for verifying poloxamer quality, a method to reduce primer–adapter contamination in 3' cDNA adapter ligation, and more.

It's always great to see such a focus on robustness and reproducibility in the methods coming across the editorial desk. The *BioTechniques* team is currently working to create a reproducibility advisory group to discuss what can be done from a publishers' perspective, and we invite you to contact us should you wish to share your suggestions.

If you'd like to get in touch, please contact me at flake@biotechniques.com

Francesca Lake

Editor, Future Science Group, Unitec House,
2 Albert Place, London, N3 1QB, UK.
flake@biotechniques.com

“It's always great to see such a focus on robustness and reproducibility in the methods coming across the editorial desk.”

BioTechniques is a peer-reviewed journal dedicated to the publication of original laboratory methods, related technical tools, and methods-oriented review articles that are of broad interest to scientists engaged in basic applied life science research. Complete Instructions for Authors are available at: <https://mc04.manuscriptcentral.com/fs-btn>, *BioTechniques*' website for online manuscript submission. All manuscripts should be submitted at this site.

BioTechniques Staff

Editorial, Production & Circulation

Chairman: James Drake

Managing Director: Phil Garner

Publisher: Sarah Mayes

Editor: Francesca Lake

Managing Editor: Joseph Martin

Digital Editor: Abigail Sawyer

Head of Production: Zara Robinson

Sales & Business Offices

Advertising: JT Hroncich • jt@biotechniques.com

Subscriptions: Dominik March • d.march@future-science.com

Reprints: Sam Cavana • s.cavana@future-science.com

List Rental: Leela Ripton • l.ripton@future-science.com

Permissions: Adriana Gonzalez • a.gonzalez@future-science.com

Editorial Board

Bill Brizzard, Indiana University Research and Technology Corp.

Bruce Budowle, UNT Health Science Center

Piotr Chomczynski, Molecular Research Center

Rita R. Colwell, University of Maryland-College Park and Johns Hopkins University

Joshua J. Coon, University of Wisconsin-Madison

David Cronk, Charles River Laboratories

Manel Esteller, Spanish National Cancer Centre (CNIO)

Jeffrey Felton, Western University of Health Sciences

Erica A. Golemis, Fox Chase Cancer Center

Peter M. Gresshoff, The University of Queensland

Yoshihide Hayashizaki, RIKEN

Jörg Hoheisel, German Cancer Research Center

Pui-Yan Kwok, University of California, San Francisco

Rachael L. Neve, Massachusetts Institute of Technology

Peter J. Oefner, University of Regensburg

Stephen W. Paddock, University of Wisconsin-Madison

Scott D. Patterson, Gilead Sciences, Inc.

Leonard F. Peruski, Jr., Centers for Disease Control

George Poste, Arizona State University

John Quackenbush, Harvard School of Public Health

Joshua Rappoport, Northwestern University School of Medicine

John Rossi, City of Hope

Michel Goedert, MRC

Herbert P. Schweizer, Colorado State University

Barton Slatko, New England Biolabs

Steve S. Sommer, MEDomics, LLC

Igor Stagljär, University of Toronto

Mathias Uhlén, The Royal Institute of Technology

Timothy Veenstra, SAIC-Frederick, Inc.

Kent E. Vrana, Penn State College of Medicine

Michael Weiner, AxioMx