

Accepted Manuscript

mRNA transfection retrofits cell-based assays with xenobiotic metabolism

Danica E. DeGroot, Adam Swank, Russell S. Thomas, Mark Strynar, Mi-Young Lee, Paul L. Carmichael, Steven O. Simmons



PII: S1056-8719(18)30566-5
DOI: doi:[10.1016/j.vascn.2018.03.002](https://doi.org/10.1016/j.vascn.2018.03.002)
Reference: JPM 6508

To appear in: *Journal of Pharmacological and Toxicological Methods*

Received date: 29 January 2018
Revised date: 7 March 2018
Accepted date: 11 March 2018

Please cite this article as: Danica E. DeGroot, Adam Swank, Russell S. Thomas, Mark Strynar, Mi-Young Lee, Paul L. Carmichael, Steven O. Simmons , mRNA transfection retrofits cell-based assays with xenobiotic metabolism. The address for the corresponding author was captured as affiliation for all authors. Please check if appropriate. Jpm(2018), doi:[10.1016/j.vascn.2018.03.002](https://doi.org/10.1016/j.vascn.2018.03.002)

This is a PDF file of an unedited manuscript that has been accepted for publication. As a service to our customers we are providing this early version of the manuscript. The manuscript will undergo copyediting, typesetting, and review of the resulting proof before it is published in its final form. Please note that during the production process errors may be discovered which could affect the content, and all legal disclaimers that apply to the journal pertain.

mRNA Transfection Retrofits Cell-based Assays with Xenobiotic Metabolism

Danica E. DeGroot¹, Adam Swank², Russell S. Thomas¹, Mark Strynar³, Mi-Young Lee⁴, Paul L. Carmichael⁴, and Steven O. Simmons¹

¹National Center for Computational Toxicology, ²Research Cores Unit, National Health and Environmental Effects Research Laboratory, ³National Exposure Research Laboratory, Office of Research and Development, U.S. Environmental Protection Agency; ⁴Unilever Safety and Environmental Assurance Centre, Colworth Science Park, Sharnbrook, Bedfordshire, UK

Corresponding Author: Steven O. Simmons, Ph.D., 109 TW Alexander Drive, MD B205-01 Research Triangle Park, North Carolina 27711 USA

Keywords: Metabolism, mRNA, cell-based assay, high-throughput screening, cytochrome P450, biotransformation

Disclaimer

The views expressed in this paper are those of the authors and do not necessarily represent the views or policies of the U.S. Environmental Protection Agency.

Download English Version:

<https://daneshyari.com/en/article/8533813>

Download Persian Version:

<https://daneshyari.com/article/8533813>

[Daneshyari.com](https://daneshyari.com)