Accepted Manuscript

Title: The Urgency for Optimization and Harmonization of Thyroid Hormone Analyses and Their Interpretation in Developmental and Reproductive Toxicology Studies

Authors: Manon Beekhuijzen, Steffen Schneider, Narinder Barraclough, Nina Hallmark, Alan Hoberman, Sheri Lordi, Mary Moxon, Deborah Perks, Aldert H. Piersma, Susan L. Makris



PII: \$0890-6238(17)30573-7

DOI: https://doi.org/10.1016/j.reprotox.2018.04.017

Reference: RTX 7666

To appear in: Reproductive Toxicology

Received date: 11-8-2017 Revised date: 13-4-2018 Accepted date: 27-4-2018

Please cite this article as: Beekhuijzen Manon, Schneider Steffen, Barraclough Narinder, Hallmark Nina, Hoberman Alan, Lordi Sheri, Moxon Mary, Perks Deborah, Piersma Aldert H, Makris Susan L.The Urgency for Optimization and Harmonization of Thyroid Hormone Analyses and Their Interpretation in Developmental and Reproductive Toxicology Studies. *Reproductive Toxicology* https://doi.org/10.1016/j.reprotox.2018.04.017

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.

ACCEPTED MANUSCRIPT

The Urgency for Optimization and Harmonization of Thyroid Hormone Analyses and Their Interpretation in Developmental and Reproductive Toxicology Studies

Manon Beekhuijzen^{1,*}, Steffen Schneider², Narinder Barraclough³, Nina Hallmark⁴, Alan Hoberman⁵, Sheri Lordi⁵, Mary Moxon⁶, Deborah Perks³, Aldert H. Piersma⁷, Susan L. Makris⁸

¹Charles River, 's-Hertogenbosch, The Netherlands

²BASF SE, Ludwigshafen am Rhein, Germany

³Covance Laboratories Ltd., Harrogate, United Kingdom

⁴Bayer S.A.S. Crop Science Division, Sophia Antipolis Cedex, France

⁵Charles River, Horsham, Pennsylvania, US

⁶Regulatory Science Associates, Inverkip, United Kingdom

⁷National Institute for Public Health and the Environment (RIVM), Bilthoven, and Institute for Risk Assessment Sciences (IRAS), Utrecht University, Utrecht, The Netherlands

⁸US Environmental Protection Agency, National Center for Environmental Assessment, Washington, DC, US

*Corresponding author:

Manon Beekhuijzen

manon.beekhuijzen@crl.com

Tel: +31 73 640 6700

Highlights

- Recent update of OECD guidelines with thyroid hormone analyses
- Urgency for optimization and harmonization of analyses and their interpretation
- Overview of current issues and activities, and recommendations for moving forward

Download English Version:

https://daneshyari.com/en/article/8962468

Download Persian Version:

https://daneshyari.com/article/8962468

<u>Daneshyari.com</u>