

IC-3Rs 2021 Symposium

HUMAN-RELEVANT MODELS FOR DRUG RESEARCH AND DEVELOPMENT

🌐 ONLINE 📅 7+8 OCTOBER 2021 🕒 13.30 -16.30

Thursday 7 October 2021

Short introduction to the Symposium

Non-clinical testing of human medicinal products:
challenges and opportunities for regulatory acceptance of 3Rs

SONJA BEKEN - Coordinator non-clinical evaluators, senior GMP inspector FAMHP
(Federal Agency for Medicines and Health Products) at FAGG, Brussels, BE

The relevance of animal models and alternatives in nonclinical safety
testing and human risk assessment for pharmaceuticals

ROBER MADER, Senior Principal Scientist ROCHE Pharma Research and Early Development,
ROCHE Innovation Center, Basle, CH

Human self-testing of experimental drugs?
Vaccines in pandemic times

CHRISTA THÖNE-REINEKE-Professor and Head of Institute, Veterinary specialist in Laboratory
Animal Science and Physiology, University of Berlin, Chair of the Scientific Committee for
the Bf3R, Berlin, DE

Human-relevant models: the case of Alzheimer's and
Parkinson's disease

LIESBETH AERTS-Senior Researcher Biomedical Sciences-Science Communicator
KUL/VIB-Infopunt Proefdieronderzoek, BE

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3R ALTERNATIVES

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Organ-on-chip

JANNY VAN DEN EYNDEN-VAN RAAIJ, Managing Director at hDMT, Organ-on-Chip Consortium, Eindhoven, NL

Species differences in the mechanism of action of drugs on the thyroid function

THOMAS STEGER-HARTMANN, Head of Investigational Toxicology, Bayer Pharmaceuticals, Berlin & Wuppertal, DE

Stem cells as source of human target cells

MUSTAPHA NAJIMI, Senior Research Associate at the Laboratory of Pediatric Hepatology & Cell Therapy at the UCL, Brussels, BE

Hope for *in vitro* alternatives in developmental and reproductive toxicology?

GIEL HENDRIKS – CEO Toxys, The Hague, NL

RE-Place: the central database for Replacement Methodology for which Expertise exists in Belgium

BIRGIT MERTENS, Senior Researcher Risk and Health Impact Assessment at Sciensano, Brussels, BE

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