



INNOVATION THROUGH INTEGRATION

Celebrating 40 years of NVT

June 12th and 13th, 2019
De Reehorst, Ede,
the Netherlands

Dear members,

As the date of the Annual meeting of the NVT 2019 is approaching, we would like to remind you of the **Early Bird registration deadline** and the **abstract submission deadline**, both **3rd of April 2019**. Here, we would also like to stress that we have **limited hotel rooms** available. If you would like to stay in a hotel for this two-day meeting, register as soon as possible!

Furthermore, the **program** is becoming complete: more and more **speakers** are known! Have a look at our website (www.toxicologie.nl/meeting2019) for descriptions and on the next two pages for more information about the speakers.

Furthermore, do not forget to send us an email to participate in the **Science Slam**, where prizes can be won!

We are looking forward to have a fruitful scientific meeting, and we hope you do as well.

On behalf of the NVT annual meeting organizing committee,

Juliette Legler, Martijn Rooseboom, Suzanne Heemskerk, Peter Theunissen

Victoria de Leeuw, Megan Houweling, Katja van Dongen, Cormac Murphy, Lukas Wijaya, Menno Grouls

Program

June 12 th			June 13 th		
09:00-09:30	Registration		08.00-09.00	Breakfast/ NVT business meeting	
09:30-09:40	Opening		Keynote lecture John van der Oost (WUR, NL)		
09:40-10:30	Keynote lecture Russell Thomas (EPA, USA)				
10:30-11:00	Coffee break		09:50-10:30	Coffee break	
11:00-12:30	Microbiome: the forgotten population in toxicology	Application of IVIVE and PBPK modelling in risk assessment	10:30-12:00	Big data in toxicology: what's hidden in it?	Intuitive toxicology: expert vs public risk appraisal
12:30-13:00	Lunch		12:00-12:30	Joep van den Bercken award 2019	
13:00-14:00	Poster session		12:30-13:00	Lunch	
14:00-15:30	New advances in exposure assessment	PhD platform presentations	13:00-14:00	Poster session	
15:30-16:00	Coffee break		14:00-15:30	Developing in vitro based alternatives to animal testing	Safety assessment of nanomaterials: integrating grouping and testing
16:00-17:30	The Science of Science communication Ruben Mersch (BE)		15:30-16:00	Coffee break	
17:30-19:00	Drinks		16:00-16.45	Grand finale: Science Slam	
19:00-20:30	Dinner		16:45-17:00	Award ceremony and closing	
20:30-	Party with live music				

Parallel sessions

Microbiome: the forgotten population in toxicology

Chair: Dr. Manon Beekhuijzen, Charles River Laboratories, the Netherlands

Speakers:

Dr. Omry Koren, Bar-Ilan University, Israël
Dr. Karsten Beekmann, Wageningen University and Research, the Netherlands
Dr. Roger Godschalk, Maastricht University, the Netherlands

Application of IVIVE and PBPK modelling in risk assessment

Chair: Prof. Dr. Ivonne Rietjens, Wageningen University and Research, the Netherlands

Speakers:

Dr. Nynke Kramer, Utrecht University
Prof. Dr. Frans Russel, Radboud Universiteit, the Netherlands

Keynote lecture

Dr. Russell Thomas, EPA, USA

Parallel sessions

New advances in exposure assessment

Chairs:

Dr. Paul Scheepers, Radboud Universiteit, the Netherlands
Dr. Jacqueline Biesterbos, NVWA, the Netherlands

Speakers:

Dr. Roel Vermeulen, Universiteit Utrecht, the Netherlands
Dr. Charles Bodar, RIVM, the Netherlands
Dr. Paul Scheepers, Radboud Universiteit, the Netherlands

PhD Platform presentations

PhD's in their final year can apply for this session via abstract submission.

Parallel sessions

Big data in toxicology: what's hidden in it?

Chair: Dr. Giulia Callegaro, Universiteit Leiden, the Netherlands

Speakers:

Dr. Rianne Fijten, Maastricht Clinic, the Netherlands
Dr. Sunil Belur, Rijksuniversiteit Groningen, the Netherlands

Intuitive toxicology: expert vs public risk appraisal

Chair: TBC

Speakers:

Dr. Majorie van Duursen, Vrije Universiteit Amsterdam, the Netherlands
Dr. Teake Pal, NCvB, Amsterdam, The Netherlands
Dr. Nicole Nijhuis, KWR water, the Netherlands
Dr. Tom Jansen, RIVM, the Netherlands
Dr. Liesbeth Claassen, RIVM, the Netherlands

Keynote lecture

Prof. Dr. John van der Oost, Wageningen University and Research, the Netherlands

Parallel sessions

Developing *in vitro* based alternatives to animal testing

Chair:

Prof. Dr. Juliette Legler, Universiteit Utrecht, the Netherlands

Speakers:

Dr. Peter Racz, Toxys, the Netherlands
Dr. Andy Forreryd, Senzagen, Sweden
Dr. Ivan Kopljar, Janssen Pharmaceutica, Belgium

Safety assessment of nanomaterials: integrating grouping and testing

Chair: Dr. Harrie Buist, TNO, the Netherlands

Speakers:

Dr. Wim de Jong, RIVM, the Netherlands
Dr. Andrea Haase, BfR, Germany

The science of science communication

Ruben Mersch

Glyphosate. Some are convinced that it is the devil in liquid form and that it causes almost every imaginable disease. But others are sure that it is as safe as tap water. The discussion about glyphosate is only one of the many arguments about science in which two camps emerge, both firmly convinced that the facts manifestly point in one direction only: that which shows them to be indubitably correct. And sadly these disputes have an unfortunate tendency to escalate. Too often scientists think that it is sufficient to communicate the facts. That, once correctly informed, we'd be able to lay aside our differences of opinion and embrace the truth. Research indicates that that's not true. Especially when a discussion gets polarized, people are immune to facts that don't fit their worldview. They use those facts not for enlightenment but only as a weapon in their tribal warfare. More knowledge doesn't necessarily lead to convergence, it can also lead to polarization. In this talk Ruben Mersch will try to explain why people don't believe in science. He will point out how our morality and our deeply ingrained tribal thinking interferes with our reasoning. But he will also look for ways to bridge the gap. How can we communicate science in a way that reduces polarization? How can we convince people that don't want to be convinced?