

Report of the In2TOX webmeeting of 20 January 2023

Attendees: Barbara Birk, Jean-Lou Dorne, Nynke Kramer, Gladys Ouédraogo and Mathieu Vinken.

1. As an alternative to the webinars organized last year, In2TOX is now preparing a series of podcasts in which young researchers active in the field of *in vitro* and/or *in silico* toxicology are interviewed about their work. The production is done by AlterTox Academy in collaboration with the European ONTOX project. The podcasts will be available on the EUROTOX and ONTOX websites. AlterTox Academy will pay for 1 year of the Ausha portal, which allows to place the podcasts on Spotify, Google podcast and most of the popular podcast apps. A total of 3 podcasts will be released over the next 6 months. The young researchers to be interviewed in the first 2 podcasts are:

- Eliska Kuchovska, IUF-Leibniz Research Institute for Environmental Medicine, Düsseldorf-Germany.
- Harm Heusinkveld, Centre for Health Protection, National Institute for Public Health and the Environment, Bilthoven-The Netherlands.

The podcast series may be continued thereafter. In that case, senior researchers could be interviewed about their work and career. AlterTox Academy is organizing the first 3 podcasts for free. Any continuation will have to be organized by (young) volunteers within In2TOX. EUROTOX will be asked to advertise the podcasts, which may also help to find volunteers for organizing future podcasts.

2. In2TOX is currently preparing 13 session proposals for the EUROTOX conference taking place 8-11 September 2024 in Copenhagen-Denmark:

- “Confidence in *in vitro* alternatives to animal testing: defined standards to ensure rigorous and reproducible data” (Barbara Birk and Gladys Ouédraogo).
- “ADME *in vitro* models for next generation PBK models” (Nynke Kramer).

- “From acute to chronic toxicity *in vitro*: mimicking repeat dosing *in vitro*” (Nynke Kramer).
- “Quantitative adverse outcome pathways modelling in next generation risk assessment” (Nynke Kramer).
- “The role of 3Rs centres in the future of toxicology in Europe” (Mathieu Vinken).
- “Ontology-driven and artificial intelligence-based repeated dose toxicity testing of chemicals for next generation risk assessment” (Mathieu Vinken).
- “Recent developments in the microplastics/nanoplastics research” (Mathieu Vinken).
- “PFAS and health: state of the art in some areas of controversy” (Mathieu Vinken).
- “Recent advances in idiosyncratic drug-induced liver injury research” (Mathieu Vinken).
- “Microphysiological systems as emerging tools in predictive toxicology” (Mathieu Vinken).
- “Safety of pharmaceutical drugs for astronauts” (Mathieu Vinken).
- “Parenteral nutrition: do toxicologists need to be worried?” (Mathieu Vinken).
- “Modelling and testing multiple stressors in ecotoxicology” (Jean-Lou Dorne).

Mathieu Vinken will participate on behalf of In2TOX in the evaluation of all session proposals received for the EUROTOX conference taking place 8-11 September 2024 in Copenhagen-Denmark during a meeting organized 21-22 April 2023 in Copenhagen-Denmark.

3. Elections for the In2TOX board will have to be organized *prior* the EUROTOX conference taking place 10-13 September 2023 in Ljubljana-Slovenia. In line with the operational guidelines, the term of Mathieu Vinken as chair will end. Nynke Kramer will be the candidate to take over as chair. Mathieu Vinken will stay in the board as chair-elect. Jean-Lou Dorne will renew his position as secretary for a second term. Barbara Birk decided to step down from the board. An expression of interest for the position as In2TOX officer was received from Andreas Stucki, PETA Science Consortium International e.V. in Stuttgart-Germany.

4. The next In2TOX webmeeting will take place on 12 May 2023 at 11h00.