

Novel non-clinical testing strategies for the development of human medicinal products

Coupure Links 653, 9000 Gent

December 5th, 2024

**Organizing committee:**

Chair: Steven Van Cruchten

Members: Joao Alves Barbosa, Sonja Beken, Vitalina Gryshkova, Mark Martens, Ryan Wheeldon, Viella Krieckemans

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| 8:30-9:00 | Registration  |
| 9:00-9:10 | Welcome by the President of BelTox and President of BEMS | *Steven Van Cruchten (UAntwerpen) and Birgit Mertens (Sciensano)*  |
| Morning Session, Chair: Vitalina Gryshkova |
| 9:10-09:30 | Introduction on non-clinical testing strategies for different types of drug modalities | *FAMHP (Sonja Beken)* |
| 09:30-10:0010:00-10:30 | Novel non-clinical safety approaches for small molecule drugsRisk based approach for non-clinical evaluation of advanced therapeutic medicinal products  | *UCB (Jean-Pierre Valentin)**FAMHP (Sofie Peirs)* |
| 10:30-11:00 | Coffee |
| 11:00-11:30 | Preparing for a new ICH guideline on oligonucleotide safety testing: an industry perspective | *EFPIA (Action: Sonja)* |
| **11:30-11:45** | BelTox General Assembly  | *Steven Van Cruchten (BelTox)* |
| **11:45-12:30** | Poster session |  |
| **12:30-13:15** | Lunch |
| Afternoon Session, Chair: Ryan Wheeldon and Sonja Beken |
| **13:15-13:45** | Genetic toxicology testing approaches for new drug modalities (combined with novel approaches for small molecule drugs?)  | *TBD* (J&J speaker) |
| **13:45-14:15** | TBD |  |
| **14:15-15:15** | Young Scientists Competition | *Joao Alves Barbosa (UGent)* |
|  | xxxxx | *xxxxx* |
|  | xxxxx | *xxxxx*  |
|  | xxxxx | *xxxxx* |
|  | xxxxx | *xxxxx* |
| 15:15-15:45 | Coffee |
| **15:45-16:15** | Current state of and alternatives to NHPs in non-clinical safety studies | *MEB* (Peter van Meer)*UCB (Fred Brouta)* |
| **16:15-16:45** | Platform approaches for mRNA vaccines | *Action: Sonja* |
| **16:45-17:15** | Proclamation of the Best YSC Presentations and Posters | *Joao Alves Barbosa (UGent)* |
| **17:15-17:30** | Closure of Annual Meeting | *Steven Van Cruchten (UAntwerpen)* |

