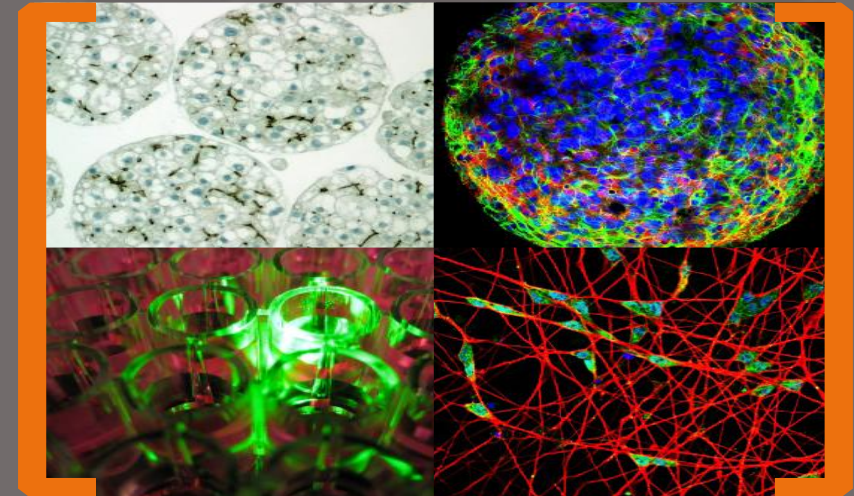


An Integrated **EU**ropean *'Flagship'* Program Driving Mechanism-based **Toxicity** Testing and **Risk** Assessment for the 21st Century

Bob van de Water
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Leiden University
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EU-ToxRisk: Interdisciplinary research collaboration between academia, industry and regulators

- ~30 MEuro – *1 January 2016 – 31 December 2021*
- 38 European partners + 1 US partner
 - **Academia** & Research Institutes
 - Small & Medium-Sized Enterprises (**SMEs**)
 - **Industry** (chemical, pharmaceutical, cosmetic)
 - **Regulators** & other Stakeholders
- Scientific and Regulatory Advisory Boards



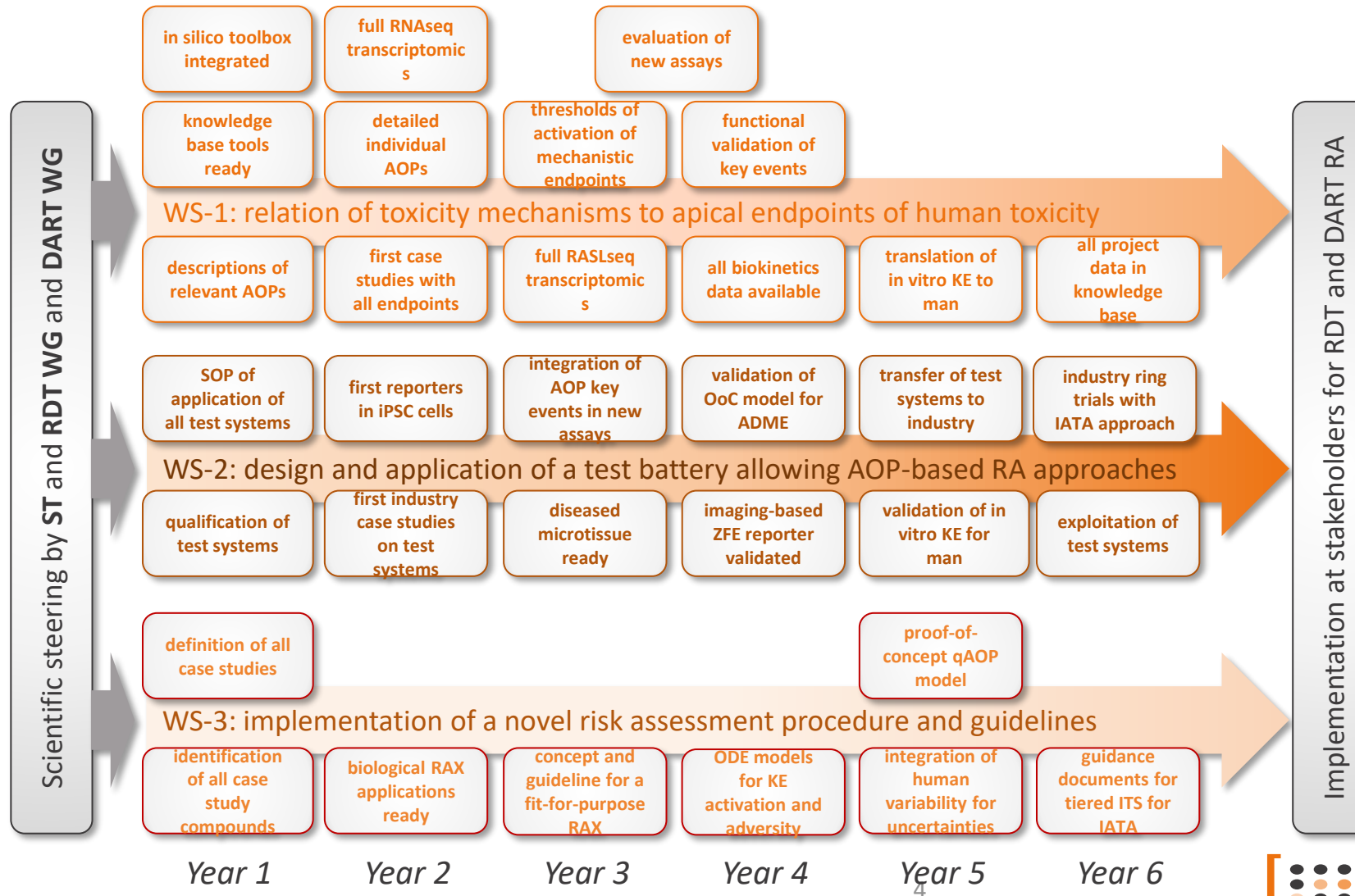
The vision of the EU-ToxRisk project

To drive a **paradigm shift in toxicology** towards an **animal-free, mechanism-based** integrated approach to **chemical safety assessment**.

Get **learning through case studies** on the application of **NAM toolbox** for:

- 1) pragmatic, solid **read-across procedures** incorporating mechanistic and toxicokinetic knowledge
- 2) **ab initio hazard and risk assessment strategies** of chemicals with little background information

The EU-ToxRisk roadmap



What does our *'flagship'* look like now?



Program of Final EU-ToxRisk Symposium

DAY 1

Part I: New technologies and approaches for toxicology

Poster session I: the EU-ToxRisk Case Studies

Part II: Implementation of NAM-based approaches in risk assessment workflows

Poster session II: from test system development to commercialization

DAY 2

Part III: Driving regulatory acceptance of NAMs

Part IV: The ASPIS Cluster Kick-Off Meeting (*RISK-HUNT3R, ONTOX, PrecisionTox*)



www.eu-toxrisk.eu

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Thank you

