

TWINCORE - Seminar

Tuesday July 30th, 2019, 3 p.m. s.t.
TWINCORE Lecture Hall

Drug development and modern safety assessment



Prof. Dr. Thomas Singer

Thomas Singer is a Professor of Toxicology at the University of Basel. He has a doctorate in veterinary medicine and is a fellow of Pembroke College, Cambridge.

After serving in various senior positions in the non-clinical safety department at Novartis, Basel, Switzerland and Boehringer Ingelheim Pharma KG Thomas joined F. Hoffmann-La Roche AG, Basel, Switzerland in 2002.

Thomas Singer heads Roche's global Pharmaceutical Sciences organisation within pRED (Pharma Research and Early Development). The function of Pharmaceutical Sciences is to enable drug discovery and development from early to late stages including therapeutic target identification and validation, preclinical testing, clinical evaluation, regulatory compliance and marketing approval.

As a head of Pharmaceutical Sciences and a leader in the Roche pRED organisation, Thomas promotes the continuous development of innovative approaches that forge new research paradigms in the safety sciences. In addition to introducing the concept of personalised patient safety, Thomas has advanced the use of human derived cell - based models as the basis of predictive human safety evaluation, animal welfare and the 3R concept to reduce/refine/replace animal studies, digitalisation and the application of artificial intelligence technologies across all research areas in Pharmaceutical Sciences.