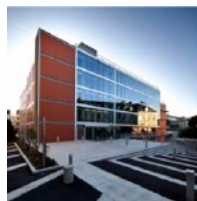




Société Française pour l'Etude des Toxines



25th Meeting on Toxinology
Institut Pasteur, Paris, France
November 28th-29th, 2018



Toxins and health: from molecules to organisms

Preliminary program

Strategies for screening toxins

Jeroen KOOL (Amsterdam Institute for Molecules Medicines and Systems, The Netherlands)
Analytics for assessing venom coagulopathy and neurotoxicity

Michel PARTISETI (Sanofi R&D, Integrated Drug Discovery – High Content Biology, Vitry-sur-Seine, France)
Venoms in Drug Discovery: A case study on voltage-gated channels

Nicolas GILLES (SIMOPRO, CEA de Saclay, Gif-sur-Yvette, France)
How to turn the complexity of venoms into an HTS-compatible toxin bank

Toxin-induced pathologies

Kim ROELANTS (Amphibian Evolution Lab, Vrije Universiteit Brussel, Elsene, Belgium)
Poison from a frog's perspective: Tracing the evolution and adaptive roles of anuran antimicrobial peptides

Pal STENMARK (Department of Biochemistry and Biophysics, Stockholm University, Stockholm, Sweden)
The Clostridial neurotoxins, a growing family

Gabriella VIERO (Institute of Biophysics, CNR Unit, Trento, Italy)
A host lncRNAs protects human cells from bacterial infection and aids against infection by associating with polysomes

Toxins as therapeutics

Christian GRUBER (Center for Physiology and Pharmacology, Medical University of Vienna, Austria)
Plant cystine-knot peptide toxins as pharmacological research tools and therapeutic drug candidates

Antonio VILLAVERDE (Institut de Biotecnologia i de Biomedicina, Universitat Autònoma de Barcelona, Spain)
Engineering protein toxins as self-assembling, self-delivered antitumoral drugs