

RT28- Invited speakers

Session 1 | *Toxins and Deep Learning*

Philippe MOINGEON (Servier Research and Development, Suresnes, France)
Artificial intelligence and the revolution of the intelligent drug

Michael BREWER (East Carolina Univ., Greenville, NC, USA)
Improving existing machine learning methods for toxin classification using nucleotide data and evolutionary signatures

Alan HAUSER (Northwestern Univ., Feinberg School of Medicine, Chicago, IL, USA)
Comparative genomic approaches to identify novel virulence determinants

Session 2 | *Toxin Tracking*

Doris MARKO (Dept of Food Chemistry and Toxicology, Univ. of Vienna, Austria)
Emerging mycotoxins in the food chain: analytical challenges and food safety

Monica CAMPAS (Institute of Agrifood Research and Technology, la Rapita, Spain)
Biosensors and other biotechnological tools for tracking marine toxins

Jean Louis MARTY (Sensbiotech, Ceret, France)
Biosensors for the detection of toxins : a review on selection of bioreceptor

Session 3 | *ToxinOmics*

Eivind UNDHEIM (Centre for Ecological and Evolutionary Synthesis, Dept of Biosciences, Univ. of Oslo, Norway)
Waiting for title

Sébastien DUTERTRE (Institut des Biomolécules Max Mousseron, Montpellier, France)
Venom gland evolution and conotoxin diversification in cone snails

Vitor VASCONCELOS (Interdisciplinary Center of Marine and Environmental Research, Univ. of Porto, Portugal)
Waiting for title

Manuel J. TENORIO (Dept of Material Science and Metallurgy Engineering and Inorganic Chemistry, Univ. of Cádiz, Spain)
Adventures in West Africa: venomics of Eastern Atlantic cone snails