

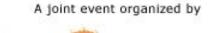
Thursday 5 November EU-India PARTNERING EVENT

Theme: Health





This event is co-funded by the Seventh Framework Programme, European Commission







## **RESEARCH CENTRE**



Health Health Health Health

### Laboratory of Toxicology

- HPLC purification: fractionation of crude, native material
- bioactivity assays: electrophysiology (voltage clamp)
  on physiological targets (ion channels, receptors)
- LC/MS and AA sequencing: identification of lead compounds
- molecular biology: cDNA library construction and gene cloning (transcriptome analysis)
- lead compound optimisation: structure-function research (mutagenesis, chimers)
- lead compound valorisation: in vitro testing, preclinical in vivo testing

😃 "file a joint patent" 😃







### **PROJECT IDEA**



Health Health Health Health

#### Exploring India's traditional biodiversity for state-of-the-art drug discovery

Marine







Terrestrial

Analgesic: chronic pain



Antibiotics/Antivirals **Immunosuppressants Insecticides** 

...



This event is co-funded by the Seventh Framework Programme, European Commission



A joint event organized by



## PARTNER SOUGHT



Health Health Health Health

Partner with:

Access to: India's biodiversity (marine and terrestrial)

Interest in: pharmacology, biotechnology, drug discovery

Knowledge in: species identification (plants and animals), field trips, sample collection/preservation



optional: fractionation/separation (chromatography), bioassay testing lead compound structure identification *in vitro or in vivo* function characterization



This event is co-funded by the Seventh Framework Programme, European Commission





# **CONTACT DETAILS**



Health Health Health Health

Prof. Dr. Jan Tytgat University of Leuven (K.U.Leuven) Laboratory of Toxicology Campus Gasthuisberg, O&N2, PO Box 922 Herestraat 49, 3000 LEUVEN Belgium Tel +32 16 32 34 03 Fax +32 16 32 34 05 jan.tytgat@pharm.kuleuven.be www.toxicology.be



Sedes: Sy



This event is co-funded by the Seventh Framework Programme, European Commission

