



3rd PANACHE WORKSHOP

Channeling energy into drug development

Organized by the Vrije Universiteit Brussel-Belgium

7-8 October | Virtual | Free of charge

7 October: public access (register here) 8 October: only for companies (register here)

Click here for more practical information

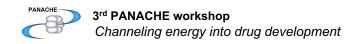








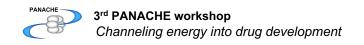




Monday 7 October 2024 (Central European Time)

Public access Registration is free of charge, but mandatory. Please register here

| 13h00 - 13h05 | Welcome Mathieu Vinken, Vrije Universiteit Brussel-Belgium |
|---------------|---|
| 13h05 - 16h30 | Keynote lectures |
| 13h05 - 13h50 | The rise of peptides and peptidomimetics in drug discovery and development Steven Ballet, Vrije Universiteit Brussel-Belgium |
| 13h50 - 14h35 | Structural studies of connexin gap junction channels and hemichannels Volodymyr Korkhov, Paul Scherrer Institute-Switzerland and Federal Institute of Technology Zurich-Switzerland |
| 14h35 - 14h45 | Break |
| 14h45 - 15h30 | Pannexin channels in cancer, inflammation and cell death Silvia Penuela, University of Western Ontario-Canada |
| 15h30 - 16h15 | The scAlnce of drug development and toxicology Thomas Hartung, Johns Hopkins University-USA |
| 16h15 - 16h30 | Break |
| 16h30 - 17h00 | Flash presentations |
| 16h30 - 16h35 | QSAR modeling for the prediction of pharmacokinetics and bioactivities of therapeutic peptides Carmen Ortiz, ProtoQSAR SL-Spain |
| 16h35 - 16h40 | Nanobody-based Panx1 channel inhibitors reduce inflammation in acute liver injury Daan Peeters, Vrije Universiteit Brussel-Belgium |
| 16h40 - 16h45 | A new stable Panx1 peptidomimetic for the prevention of myocardial ischemia/reperfusion injury Malaury Tournier, University of Geneva-Switzerland |
| 16h45 - 16h50 | Silymarin and its major components as a potential naturally occurring Panx1 channel inhibitor Batuhan Yildiz, Vrije Universiteit Brussel-Belgium |
| 16h50 - 16h55 | DockTox: molecular docking for <i>in silico</i> screening of small molecules targeting molecular initiating events Rita Ortega, ProtoQSAR SL-Spain |
| 16h55 - 17h00 | Cold exposure and Panx1 deletion reduce the progression of atherosclerosis Filippo Molica, University of Geneva-Switzerland |
| 17h00 | Wrap-up Mathieu Vinken, Vrije Universiteit Brussel-Belgium |



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| 13h00 - 13h05 | Welcome Mathieu Vinken, Vrije Universiteit Brussel-Belgium |
|---------------|--|
| 13h05 - 14h50 | PANACHE presentations |
| 13h05 - 13h15 | Overview of the PANACHE project Mathieu Vinken, Vrije Universiteit Brussel-Belgium |
| 13h15 - 13h25 | Expertise of the Research Group of Organic Chemistry of the Vrije Universiteit Brussel-Belgium Thomas Barlow, Vrije Universiteit Brussel-Belgium |
| 13h25 - 13h35 | PANACHE results obtained by the Research Group of Organic Chemistry of the Vrije Universiteit Brussel-Belgium Steven Ballet, Vrije Universiteit Brussel-Belgium |
| 13h35 - 13h45 | Expertise of the <i>In Vitro</i> Toxicology Group of the Vrije Universiteit Brussel-Belgium Mathieu Vinken, Vrije Universiteit Brussel-Belgium |
| 13h45 - 13h55 | PANACHE results obtained by the <i>In Vitro</i> Toxicology Group of the Vrije Universiteit Brussel-Belgium Andrés Tabernilla, Vrije Universiteit Brussel-Belgium |
| 13h55 - 14h05 | Expertise of the Connexin Group of the Department of Pathology and Immunology of the University of Geneva-Switzerland Brenda Kwak, University of Geneva-Switzerland |
| 14h05 - 14h15 | PANACHE results obtained by the Connexin Group of the Department of Pathology and Immunology of the University of Geneva-Switzerland Brenda Kwak, University of Geneva-Switzerland |
| 14h15 - 14h25 | Expertise of ProtoQSAR SL-Spain Rafael Gozalbes, ProtoQSAR SL-Spain |
| 14h25 - 14h35 | PANACHE results obtained by ProtoQSAR SL-Spain Laureano Carpio, ProtoQSAR SL-Spain |
| 14h35 - 14h50 | Break |
| 14h50 - 16h00 | PANACHE exploitation |
| 14h50 - 15h10 | PANACHE exploitation strategy Freddy Van Goethem, Vrije Universiteit Brussel-Belgium |
| 15h10 - 16h00 | Discussion of PANACHE exploitation with attendees |
| 16h00 | Wrap-up Mathieu Vinken, Vrije Universiteit Brussel-Belgium |









