



# 3<sup>rd</sup> PANACHE WORKSHOP

*Channeling energy into  
drug development*

Organized by the  
Vrije Universiteit Brussel-Belgium

**7-8** October 2024 | Virtual meeting | Free of charge

7 October: public access (register here)

8 October: only for companies (register here)

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Funded by the Horizon 2020  
Framework Programme of the  
European Union

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## Monday 7 October 2024 (Central European Time)

### Public access

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

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



**Tuesday 8 October 2024 (Central European Time)**

**Only for companies**  
**Registration is free of charge, but mandatory. Please register here**

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



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