

Language of the Conference: French (Selected lectures will be delivered in English)

Registration is FREE-OF-CHARGE : <http://pharmacogenomicsdays-toulouse.goldenhelix.org>



3rd U-PGx Personalized Medicine Day

17 November 2017, Toulouse, France

Amphitheater C (Montastruc), Faculty of Medicine, University of Toulouse, 37 allées Jules Guesde, Toulouse

About the Conference

The 3rd U-PGx Personalized Medicine Day will be organized at the **University of Toulouse, Toulouse, France, on 17 November 2017**. The conference will be co-organized by the Golden Helix Foundation and the University of Toulouse and this is the 3rd conference of a series of events organized within the framework of the dissemination activities of the U-PGx project, financed by the European Commission (H2020- 668353). Several international speakers are invited to give lectures on **ethical, legal and societal issues related to the application of pharmacogenomics in oncology**. This international event is open to health professionals, hospital pharmacists, general pharmacists, specialists, general practitioners, medical and pharmacy students, laboratory technicians, regulatory authorities, health care insurers and to all others interested in pharmacogenomics.

U-PGx | Ubiquitous Pharmacogenomics



Clinical application of pharmacogenomics knowledge will result in less 'trial and error' prescribing and more efficacious, safer and cost-effective drug therapy. However, despite the major advances in pharmacogenomics and several commercially available pharmacogenomics tests, its application in routine patient care remains very limited. The U-PGx consortium will address major challenges and obstacles for implementation of pharmacogenomics testing in patient care, taking into account the diversity of healthcare systems and citizens across Europe. Specifically, U-PGx will investigate if the emerging approach of pre-emptive genotyping of an entire panel of important pharmacogenomics markers is cost-effective and results in a better outcome for patients. With the pre-emptive pharmacogenomics testing approach data on multiple important pharmacogenes are collected prospectively and embedded into the patients' electronic record. Typically, it alerts prescribers and pharmacists through electronic clinical decision support systems when a drug is ordered or dispensed for a patient with an at-risk genotype. The new model of personalised medicine through pre-emptive pharmacogenomics testing will be conducted at a large scale in seven existing European health care environments (the Netherlands, Spain, UK, Italy, Austria, Greece, and Slovenia).

Organizing Committee:

Emmanuelle Rial-Sebbag, *Director of Research*, University of Toulouse, Toulouse, France

George P. Patrinos, *Associate Professor*, University of Patras Department of Pharmacy, Patras, Greece

Keynote Speaker

Anne Cambon-Thomsen (Toulouse, FR)

Plenary Speakers

James Buchanan (Oxford, UK)

Ingolf Cascorbi (Kiel, DE)

Erica Cecchin (Aviano, IT)

Heidi C. Howard (Uppsala, SE)

Sandrine de Montgolfier (Paris, FR)

George P. Patrinos (Patras, GR)

Emmanuelle Rial-Sebbag (Toulouse, FR)

Fabienne Thomas-Jean (Toulouse, FR)



This conference is labeled as part of ESOF (EuroScience Open Forum) Toulouse 2018

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Scientific Program

8:30 – 9:30 Registration

9:30 – 9:45 Welcome addresses

Emmanuelle Rial-Sebbag, Director of Research-Inserm, University of Toulouse, Toulouse, France

George P. Patrinos, Associate Professor, University of Patras, Department of Pharmacy, Patras, Greece

9:45 – 10:15 Pharmacogenomics to increase anti-cancer drugs safety: From research to clinical implementation (in English)

Erika Cecchin, Senior Scientist, Cancer Research Organization, Aviano, Italy

10:15 – 11:00 Keynote lecture: Ethics of Biotechnologies

Anne Cambon-Thomsen, Professor; University of Toulouse, Toulouse, France

11:00 – 11:30 Pharmacogenetics-based personalized therapy: Levels of evidence and recommendations from the French Network of Pharmacogenetics (RNPgX)

Fabienne Thomas-Jean, Staff Scientist; Paris, France

11:30 – 12:00 Genetic and Epigenetic mechanisms of TKI resistance (in English)

Ingolf Cascorbi, Professor, University of Kiel, Kiel, Germany

12:00 – 13:30 Lunch Break (Free-of-charge; lunch coupons will be available from the secretariat)

13:30 – 14:00 Economic evaluation in cancer pharmacogenomics (in English)

James Buchanan, Assistant Professor; University of Oxford, Nuffield Department of Population Health, Oxford, UK

14:00 – 14:30 Legal issues in Pharmacogenomics

Emmanuelle Rial-Sebbag, Director of Research-Inserm, University of Toulouse, Toulouse, France

14:30 – 15:00 Cancer, pharmacogenomics and ethics: Lessons from practices

Sandrine de Montgolfier, University lecturer in Epistemology and History of Life Sciences and Bioethics. UPEC / IRIS-Paris, France

15:00 – 15:30 Coffee/Tea break



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15:30 – 16:00 Ethics and Pharmacogenomics

Heidi-Carmen Howard, *Staff Scientist*, Center for Research Ethics and Bioethics, Uppsala, Sweden

16:00 – 16:30 Public Health Pharmacogenomics (in English)

George P. Patrinos, *Associate Professor*, University of Patras, Department of Pharmacy, Patras, Greece

16:30 – 16:40 Closing remarks

Emmanuelle Rial-Sebbag, *Director of Research-Inserm*, University of Toulouse, Toulouse, France

About ESOF Toulouse 2018

The biennial European event, EuroScience Open Forum (ESOF) will take place in Toulouse, "European City of Science" from 9 to 14 July 2018. "Sharing science: towards new horizons" will be the motto of this ESOF 2018 edition, a 6-in-1 event including various sections "Science", "Science policy", "Science to Business", "Careers" and "Media & Science Communication" and a "Science in the City" programme dedicated to the general public. Health and its challenges, sustainable development, transport of the future, the digital world or ethics in science are some of the themes that will be tackled through conferences, exhibitions and satellite events.



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