

NORPM2023

**Second Nordic Conference
on Personalized Medicine**

14-16 June 2023

Radisson Blu Marina Palace, Turku, Finland

NORPM2023

Final Programme



**UNIVERSITY
OF TURKU**

Welcome

Dear colleagues,

On behalf of the Finnish Society of Clinical Pharmacology and the Organising Committee, it is my great pleasure to welcome you to the Second Nordic Conference on Personalized Medicine (NORPM2023) in Turku, Finland, on June 14-16 2023.

NORPM2023 will build up on the excellent experiences and legacy from the first NORPM organised in Nyborg, Denmark in 2018. Leading international researchers from different disciplines contribute to the scientific program covering all aspects of personalized medicine.

Founded almost 800 years ago, Turku is the oldest city and the former capital of Finland. Turku is located at the mouth of the Aura River, in the South-Western region of Finland Proper (Varsinais-Suomi). Turku has a compact size, perfect for exploring the city. You'll find most hotels, restaurants, and attractions within walking distance of the centre.

Welcome to NORPM2023 and Turku!

Sincerely,

Assistant Professor Aleksi Tornio
Chair of the Organising Committee

Organisation

Local Organising Committee

Assistant Professor Aleksi Tornio, University of Turku (chair)

Professor Janne Backman, University of Helsinki

Senior University Lecturer Anne Filppula, Åbo Akademi University

Professor Mikko Niemi, University of Helsinki

Professor Eriika Savontaus, University of Turku

Professor Ullamari Pesonen, University of Turku

Professor Miia Turpeinen, University of Oulu

Scientific Organising Committee

Assistant Professor Aleksi Tornio, University of Turku, Finland (chair)

Professor Janne Backman, University of Helsinki, Finland

Professor Marja-Liisa Dahl, Karolinska Institutet, Sweden

Adjunct Professor Espen Molden, University of Oslo, Norway

Senior University Lecturer Anne Filppula, Åbo Akademi University, Finland

Professor Anti Kalda, University of Tartu, Estonia

Professor Romaldas Maciulaitis, Lithuanian University of Health Sciences, Lithuania

Professor Mikko Niemi, University of Helsinki, Finland

Professor Stefan Oswald, Rostock University Medical Center, Germany

Professor Eriika Savontaus, University of Turku, Finland

Associate Professor Tore B. Stage, University of Southern Denmark, Denmark

Professor Ullamari Pesonen, University of Turku, Finland

Professor Miia Turpeinen, University of Oulu, Finland

Congress Secretariat

Aboa Congress and Event

info@aboaservices.fi

Programme

Wednesday, 14 June

8:00-9:30	Arrival and registration
9:30-9:45	Welcome and opening remarks
9:45-10:30	Keynote lecture: Ann K. Daly: Pharmacogenetics of drug-induced liver injury Chair: Alekski Tornio
10:30-11:00	Coffee break
11:00-12:30	Plenary session 1: Personalized medicine - Viewpoints from different stakeholders Speakers: Romaldas Maciulaitis: Biomarkers for R&D vs personalised medicine - Regulatory experience Kimmo Porkka: Personalized cancer medicine: opportunities and challenges Outi Vaarala: Personalised Medicine in Oncology Drug Discovery - What have we learned? Chairs: Romaldas Maciulaitis, Miia Turpeinen
12:30-13:30	Lunch
13:30-15:00	Plenary session 2: Clinical implementation of personalized medicine Speakers: Henk-Jan Guchelaar: Results from the U-PGx project Julia Stingl: Personalised medicine in depression - patient profiling for the prediction of therapy outcome in a global perspective From abstract: Katriina Tarkiainen: Frequencies of clinically actionable genotypes in the Finnish population analyzed with a novel clinical massive parallel sequencing-based pharmacogenetics panel Chairs: Espen Molden, Alekski Tornio

15:00- 16:00	Coffee break & Poster session
16:00- 16:55	<p>Plenary session 3: Drug-drug interactions</p> <p>Speakers:</p> <p>Jingjing Yu: Drug-drug interactions in the new FDA therapy approvals: mechanism and clinical significance</p> <p>From abstract:</p> <p>Ditte B. Iversen: Dicloxacillin decreases the concentration of dabigatran in healthy adults and induces P-gp in 3D spheroids of primary human hepatocytes</p> <p>Chair: Janne Backman</p>
18:30- 20:00	Welcome reception

Thursday, 15 June

8:30-10:00	<p>Plenary session 4: Pharmacokinetic modelling and TDM for tomorrow</p> <p>Speakers:</p> <p>Amin Rostami-Hodjegan: PBPK Applications in Personalised Medicine and Combining It with Real-World Evidence</p> <p>Erik Eliasson: Precision medicine and individual dosage of antimicrobial agents in the critically ill</p> <p>From abstract:</p> <p>Erik S. Dietrichs: Pro-arrhythmic effect of escitalopram and citalopram at serum concentrations commonly observed in the elderly – a study based on a cohort of 19 742 patients</p> <p>Chairs: Marja-Liisa Dahl, Anne Filppula</p>
10:00-10:30	<p>Coffee break</p>
10:30-12:15	<p>Panel discussion: Liquid biopsy in ADME</p> <p>Speakers:</p> <p>Amin Rostami-Hodjegan: Why do you need to know more about Liquid Biopsy? And why this needs to be ASAP</p> <p>Andrew Rowland: Opportunities and challenges in understanding extracellular vesicles as a liquid biopsy to support precision medicine</p> <p>Magnus Ingelman-Sundberg: Mechanisms of post translational regulation of hepatic cytochromes P450; Clinical implications</p> <p>Chairs: Stefan Oswald, Janne Backman</p>
12:15-13:15	<p>Lunch</p>

<p>13:15- 14:45</p>	<p>Plenary session 5: Technological advances in the field of personalized medicine</p> <p>Speakers:</p> <p>Niklas Sandler Topelius: 3D printed drugs in personalized medicine</p> <p>Stefan Oswald: Targeted LC-MS/MS analysis of protein abundancies in ADME research</p> <p>From abstract:</p> <p>Jouni Rantanen: Application of a multianalyte proteomic assay to document risk of future cardiovascular events in patients with type 2 diabetes</p> <p>Chairs: Anne Filppula, Eriika Savontaus</p>
<p>14:45- 15:45</p>	<p>Coffee break & Poster session</p>
<p>15:45- 16:30</p>	<p>Keynote lecture:</p> <p>Munir Pirmohamed: Personalised medicine, current status and future perspectives</p> <p>Chair: Mikko Niemi</p>
<p>18:30-</p>	<p>Conference dinner</p>

Friday, 16 June

8:30-10:00	<p>Plenary session 6: Joint ESPT session on clinical pharmacogenetics</p> <p>Speakers:</p> <p>Matthias Schwab: Pharmacogenetics and precision medicine in oncology</p> <p>Ron van Schaik: Pharmacogenetics in clinical practice</p> <p>From abstract:</p> <p>Nina Wittwer: Utilization of drugs with pharmacogenetic dosing recommendations in children in Switzerland: a descriptive study using Swiss claims data</p> <p>Chairs: Ann K. Daly, Mikko Niemi</p>
10:00-10:30	Coffee break
10:30-12:00	<p>Plenary session 7: Emerging treatment modalities in personalized medicine</p> <p>Speakers:</p> <p>Matthias B. Wittwer: Assessment of plasma protein binding and drug-drug interactions for siRNA therapeutics</p> <p>Joel Nordin: Extracellular Vesicles for Biomedical Applications</p> <p>From abstract:</p> <p>Nhu Ngoc Le: Establishing plausibility of cardiovascular adverse effects of immunotherapies using Mendelian randomisation</p> <p>Chairs: Tore Stage, Ullamari Pesonen</p>
12:00-12:15	Closing remarks and awards
12:15-	Lunch (grab-and-go)

Information to presenters

Oral presentations

Presentations can be reviewed in the speaker ready room located in meeting room Kuohu. If you have not submitted your presentation before the meeting, the presentation can be provided on-site at the speaker ready room at the latest during the last break before your scheduled session.

Speaker ready room opening hours:

Wednesday 14 June: 8:30-16:00

Thursday 15 June: 8:00-15:45

Friday 16 June 8:00-10:30

Poster presentations

The poster sessions will be organised on Wednesday 14 June at 15:00-16:00 and on Thursday 15 June at 14:45-15:45. All presenting authors are requested to be present at their poster during both poster sessions. All conference participants are invited to walk around the poster area to view the posters and engage into discussion with the poster presenters.

Material for mounting the posters will be provided on-site.

Poster mounting: Wednesday 14 June 8:30-11:00

Poster removal: Friday 16 June 10:00-13:00

Any posters left behind will be removed and discarded by the staff.

General Information

Conference Venue

Radisson Blu Marina Palace Hotel
Linnankatu 32, 20100 Turku
Phone: +358 (0)20 1234710
info.turku@radissonblu.com

Meeting Language

The official language of the meeting is English.

Badges

Name badges should be worn at all times during the Conference including the social events.

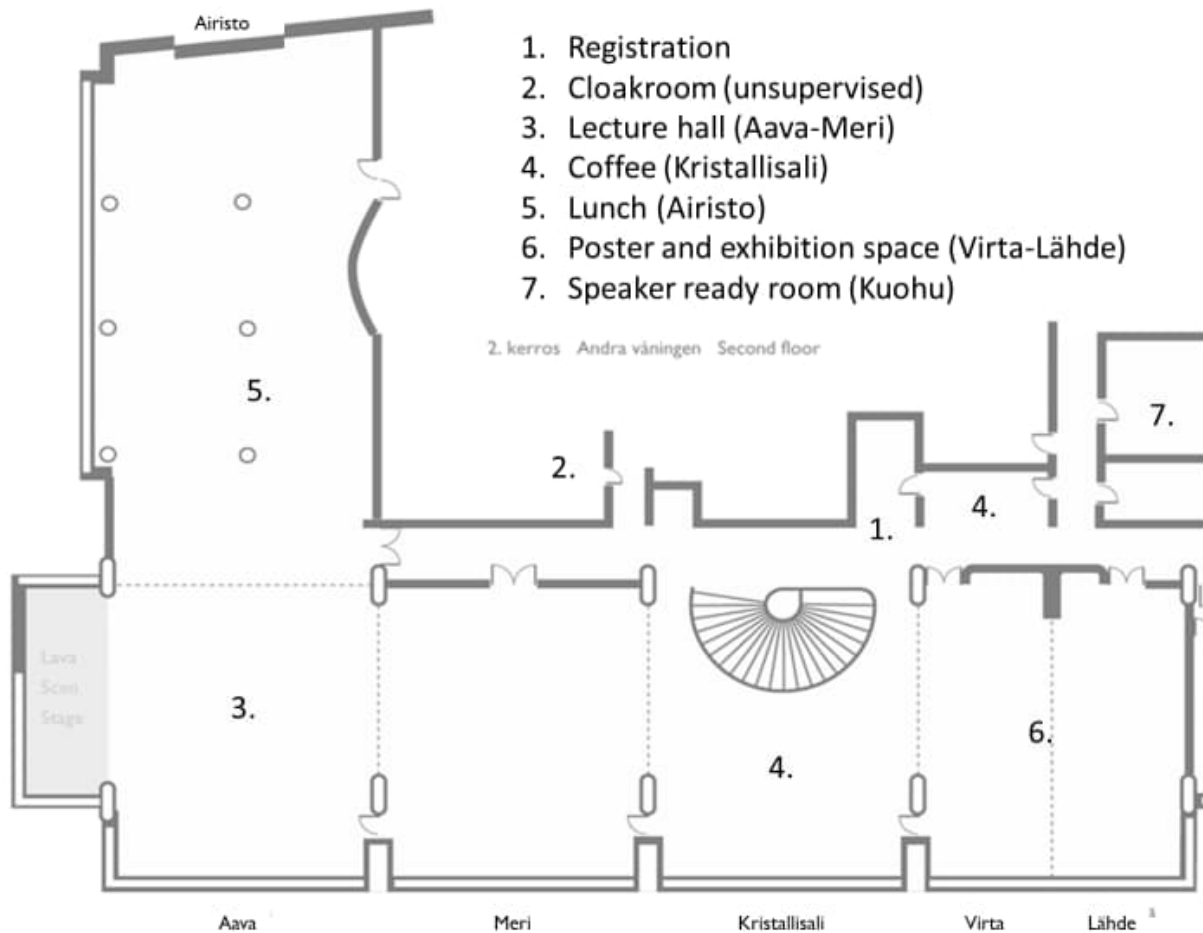
Getting around

Visit Turku sponsors all participants Turku region traffic tickets (for bus timetables and journey planner, see <https://www.foli.fi/en>). The ticket is provided as a QR code in your name badge. The ticket is valid until 17 June.

To explore Turku on your own, please visit: <https://en.visitturku.fi/>

Conference venue, floor plan

Radisson Blu Marina Palace Hotel, second floor



List of exhibitors:

- Turku Bioscience (University of Turku and Åbo Akademi University)

Social Programme

Welcome reception, Wednesday 14 June at 18:30

The city of Turku warmly welcomes the conference participants to a reception at the city hall, located by the Aura river. Light buffet dinner will be served. Pre-registration is required.

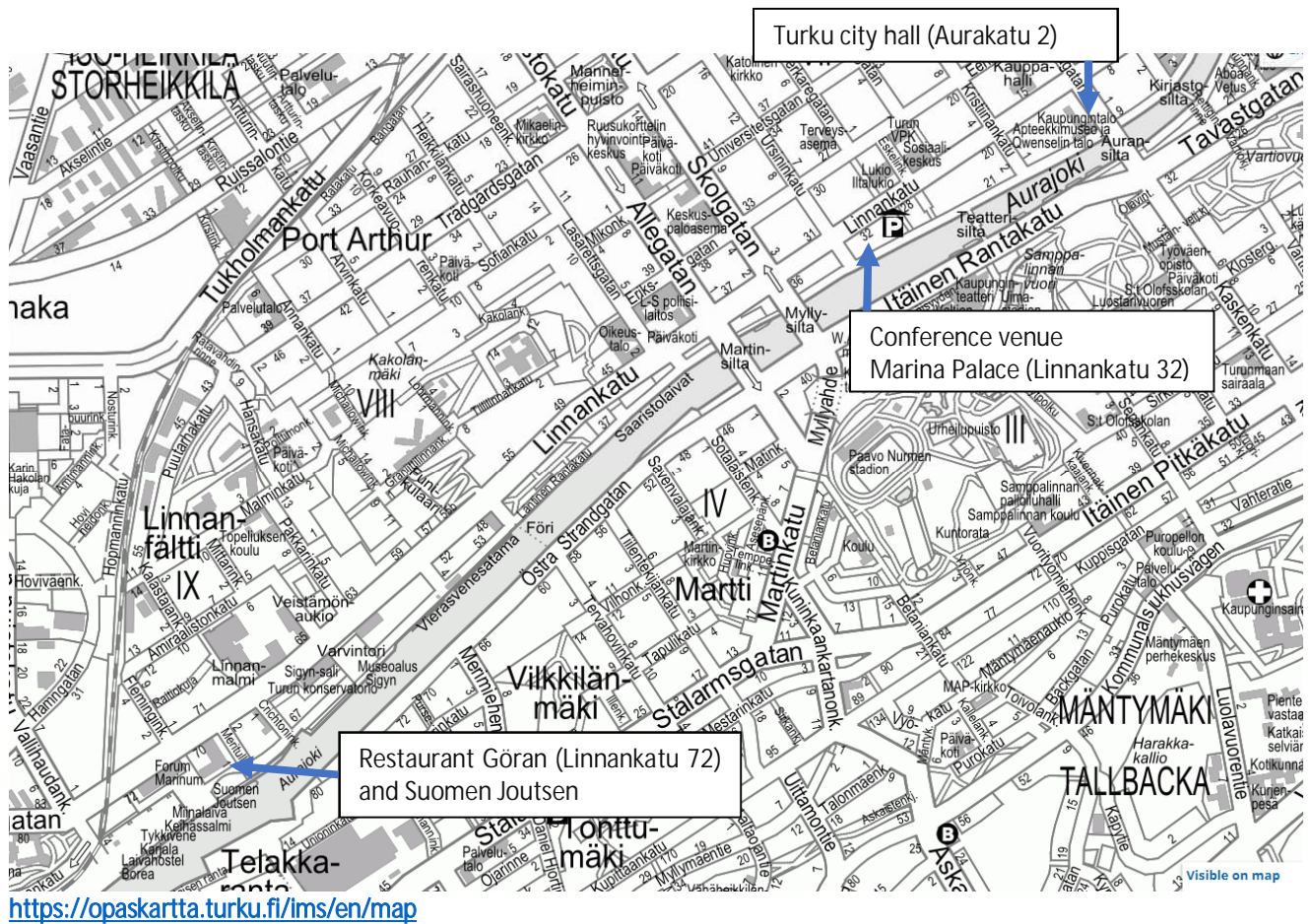
Venue: Turku city hall, address: Aurakatu 2
How to get there: Within a walking distance from the conference venue (550 m)
Dress code: Casual

Conference dinner, Thursday 15 June at 18:30

We welcome you to the conference dinner at Restaurant Göran at the Forum Marinum Maritime Centre. The event opens with welcome drinks on board museum ship Suomen Joutsen at 18:30 on the bank of Aura river just outside Forum Marinum. Ticketed event, remember to take your name badge with you.

Venue: Restaurant Göran, Forum Marinum, Linnankatu 72, Turku
How to get there: Regular bus connection with bus 1 or 1B just across Linnankatu from Marina Palace (for details, see <https://www.foli.fi/en>) or 1.7 km walk along the bank of Aura river (Läntinen rantakatu).
Dress code: Casual, please note that stiletto heels are forbidden on board Suomen Joutsen due to delicate deck material.

Social Programme, map



HELSINKI WELCOMES YOU TO

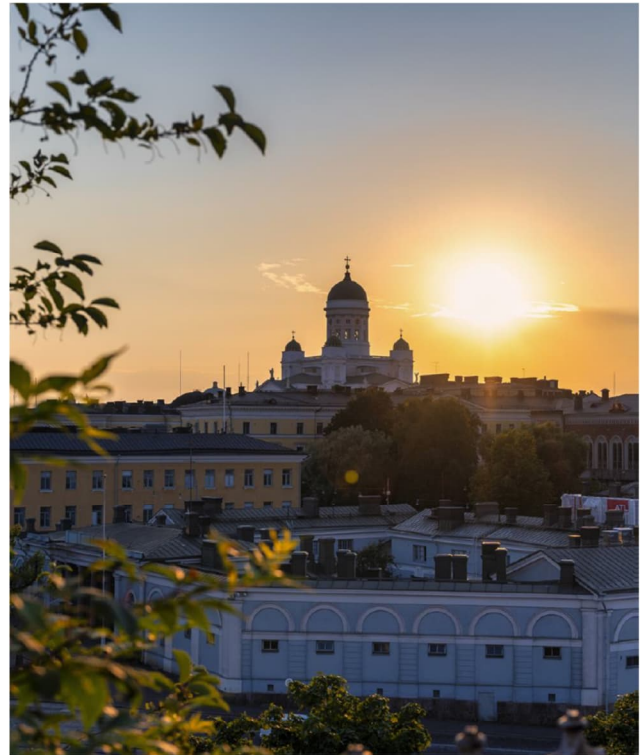
THE 17TH CONGRESS OF
EUROPEAN ASSOCIATION FOR
CLINICAL PHARMACOLOGY
AND THERAPEUTICS

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28 June – 1 July 2025 Helsinki, Finland



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