



ESPT

European Society of Pharmacogenomics and Personalised Therapy
A Scientific Society for Individualised Medicine

5th ESPT SUMMER SCHOOL

METHODOLOGIES TO
DEVELOP STRATIFIED
PHARMACOTHERAPIES

September 14-17, 2020
KIEL, Germany

www.esptsummerschool.eu

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Dear Colleagues and Friends,

the aim of the summer school is to give an overview about state-of-the-art

Methodologies to develop stratified pharmacotherapies.

The two-half, two-full day course consists of lectures by international renowned scientists and six parallel interactive workshops supervised by leading experts in the field. We expect participants from all disciplines being interested in translational research in pharmacogenomics from the research lab up-to the clinic.

A further important goal of the Summer School is to enable and stimulate interaction among participants and between participants and speakers by working in groups.

A social programme at the baltic sea is included.

I am looking forward to welcoming you in Kiel!

Prof. Ingolf Cascorbi

ESPT board member / Chair Summerschool

Director Institute of Experimental and Clinical Pharmacology

University Hospital Schleswig-Holstein

KEY NOTE SPEAKERS

Bjoern Bergh - Kiel, DE

Urs Albert Meyer - Basel, CH

Sir Munir Pirmohamed - Liverpool, UK

Matthias Schwab - Stuttgart, DE

Ole Morten Seternes - Tromsø, NO

Ron van Schaik - Rotterdam, NL

SCIENTIFIC PROGRAMME

► Monday, September 14, 2020

- 14:00-14:15 Welcome - *Ingolf Cascorbi (Kiel, DE)*
ESPT - *Ron van Schaik (Rotterdam, NL)*
- 14:15-15:00 PGx of drug hypersensitivity
Sir Munir Pirmohamed (Liverpool, UK)
- 15:00-15:45 PGx diagnostics in medical routine in Europe
Ron van Schaik (Rotterdam, NL)
- 15:45-16:10 Coffee break
- 16:10-16:55 Predictive biomarkers in oncology
Marc Ansari (Geneva, CH)
- 16:55-17:40 Liquid biopsies
Klaus Pantel (Hamburg, DE)
- 17:40-18:10 Creation of Working Groups
Janja Marc (Ljubljana, SI)
- 18:30-20:00 Get-together

► Tuesday, September 15, 2020

- 09:00-11:00 **WORKSHOPS**
1. Evaluation of CPIC guidelines - *Csilla Sipeky (Turku, FI)*
 2. Clinical Decision support - *Ingolf Cascorbi (Kiel, DE)*
 3. Genotyping platforms and data processing - *to be announced*
 4. Determination of metabolic phenotypes - *Adrian Llerena (Badajoz, ES)*
 5. Functional characterization in vitro - *Henrike Bruckmüller (Kiel, DE)*
 6. Functional characterization in silico - *to be announced*
- 11:00-11:30 Coffee break

11:30-12:15	Pharmacogenomics – from the origins to consideration in drug labels <i>Urs Albert Meyer (Basel, CH)</i>
12:15-13:00	From genotyping to clinical decision support <i>Ingolf Cascorbi (Kiel, DE)</i>
13:00-14:00	Lunch
14:00-14:45	Clinical impact of drug transporters <i>Martin Fromm (Erlangen, DE)</i>
14:45-15:30	Protein detection and quantification <i>Vicky Wätzig (Kiel, DE)</i>
15:30-15:50	Coffee break
15:50-17:00	Preparation of workshops presentations
18:30	City walk

► Wednesday, September 16, 2020

09:00-11:00	WORKSHOPS
	<ol style="list-style-type: none"> 1. Evaluation of CPIC guidelines - <i>Csilla Sipeky (Turku, FI)</i> 2. Clinical Decision support - <i>Ingolf Cascorbi (Kiel, DE)</i> 3. Genotyping platforms and data processing - <i>to be announced</i> 4. Determination of metabolic phenotypes - <i>Adrian Llerena (Badajoz, ES)</i> 5. Functional characterization in vitro - <i>Maïke Kähler (Kiel, DE)</i> 6. Functional characterization in silico - <i>Inga Nagel (Kiel, DE)</i>
11:00-11:30	Coffee break
11:30-12:15	CRISPR/Cas technology <i>Ole Morten Seternes (Tromsø, NO)</i>
12:15-13:00	Of Microbes and Methylation - Rethinking Therapy with Systems Medicine <i>Robert Häsler (Kiel, DE)</i>
13:00-14:00	Lunch
14:00-14:45	Large scale sequencing <i>Sören Franzenburg (Kiel, DE)</i>

14:45 - 15:30	The future of individualized medicine <i>Matthias Schwab (Stuttgart, DE)</i>
15:30-15:50	Coffee break
15:50-16:35	Workshop presentation
From 18:30	Social event – Dinner at Seebar

► Thursday, September 17, 2020

09:00-09:45	The German Medicine informatics initiative <i>Björn Bergh (Kiel, DE)</i>
09:45-10:30	Biobanking <i>Wolfgang Lieb (Kiel, DE)</i>
10:30-10:50	Coffee break
10:50-12:30	WORKSHOPS PRESENTATIONS <i>Students</i>
12:30-13:00	Examination (tablet-based) <i>Janja Marc (Ljubljana, SL)</i>
13:15-13:45	Summary and Closing <i>Janja Marc</i> <i>Ingolf Cascorbi</i> <i>Ron van Schaik</i>

ORGANISING SECRETARIAT



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