Programme EACPT 2017

Saturday, 24 June

9:00 to 12:30  Room Meridian  JUNIOR PHARMACOLOGIST SESSION

1st part: Metaanalysis and systematic review

Speakers:
Matthieu Roustit, *University Grenoble Alpes, France*
Joaquín Sáez-Peñataro, *Hospital Clinic Barcelona, Spain*

2nd part: Oral presentations and discussion

14:00 to 15:00  Room Meridian  WELCOME SESSION AND OPENING CEREMONY

Milan Grundmann (Czech Republic), Tabassome Simon (France), Ylva Böttiger (Sweden)

- Introduction of EACPT and welcome to first-time attendees
- Evolution of the EACPT over the last years
- Challenges and opportunities for EACPT and Clinical Pharmacology
- Welcome talks from chair of the congress

15:00 to 16:00  Room Meridian  PLENARY SESSION

*Chairs:* Tabassome Simon, Gonzalo Calvo

Speaker:
Adverse drug reactions – state of the art in 2017

16:00 to 17:00  Poster Area  COFFEE BREAK AND GUIDED POSTER SESSION 1

17:00 to 18:00  Room Meridian  LIFETIME ACHIEVEMENT AWARD

*Chairs:* Tabassome Simon, Ylva Böttiger

Speaker:
Steps towards safe and predictable drug treatment - picks from five decades
Pertti J. Neuvonen, *University of Helsinki, Finland*

18:00  Exhibition Area  WELCOME COCKTAIL
Sunday, 25 June

8:00 to 9:00
Room Meridian

**ORAL COMMUNICATIONS 1**

_Chairs_: Jan Strojil, Caroline Samer

Gene expression of anaesthetic and analgesic drug receptors is associated with clinical metastatic spread in breast cancer
Cara Connolly¹,², Stephen Madden³, Donal Buggy¹,²,⁴, Helen Gallagher¹,²
University College Dublin, Ireland
Mater Misericordiae University Hospital, Dublin, Ireland
Royal College of Surgeons in Ireland, Dublin, Ireland
Cleveland Clinic, Ohio, USA

Evolution of dihydropyrimidine dehydrogenase (DPD) diagnostics in a single center in a time-period of seven years
Bianca Van Den Bosch¹, Aimée Paulussen¹, Marc Breuer¹, Martijn Lindhout¹, Demis Tserpelis², Anja Steyls¹, Jörgen Bierau³, Marieke Coenen²
Maastricht University Medical Center+, Maastricht, The Netherlands
Radboud University Medical Center, Radboud Institute for Health Sciences, Nijmegen, The Netherlands

Low dose vs. standard dose adjuvant olanzapine in chemotherapy induced nausea and vomiting: A prospective, randomized, double blinded, controlled study
Sandip Mukhopadhyay, Premnath Dutta, Biswamit Bhattacharya, Sanatan Banerjee, Supreeti Biswas, Basabdataa Samanta-Mukhopadhyay
Burdwan Medical College, India

Relationship between infliximab serum concentrations and risk of infections in patients treated for spondyloarthritis
Theodora Bejan-Angoulvant¹,², David Ternant¹,², Fadela Daoued¹,², Frédéric Médina¹,², Louis Bernard², Saloua Mammou², Gilles Paintaud¹,², Denis Mulleman¹,²
Université François-Rabelais, Tours, France
CHRU de Tours, Tours, France

The pharmacodynamic effects of Rituximab at very low doses
Christian Schoergenhofer¹, Christa Firbas¹, Ulla Derhaschnig¹, Robert Mader¹, Raute Sunder-Plassmann¹, Petra Jilma-Stohlwetz¹, Kalpna Desai², Priya Misra², Ulrich Jäger¹, Bernd Jilma³
Medical University of Vienna, Austria
Apotex Inc., Toronto, Canada

Safety and efficacy of the C1S complement inhibitor TNT009 in a first-in-human trial
Johann Bartko¹, Ulla Derhaschnig¹, Jim Gilbert², Sandip Panicker², Shirley D’Sa³, Ulrich Jäger¹, Bernd Jilma¹
Medical University of Vienna, Austria
TrueNorth Therapeutics Inc., South San Francisco, USA
University London College Hospitals, United Kingdom
8:00 to 9:00
Room Nadir

HOW TO SESSION

How to write a paper

9:00 to 10:30
Room Meridian

NEPHROLOGY

Chairs:
Milan Grundmann, University of Ostrava, Czech Republic
Teun van Gelder, Erasmus Medical Center, The Netherlands

Speakers:
Pharmacotherapy after organ transplantation (30 min.)
Ondrej Viklicky, Institute for Clinical and Experimental Medicine, Czech Republic

TDM and pharmacogenetics in transplantation: What does the evidence say? (30 min.)
Teun van Gelder, Erasmus Medical Center, The Netherlands

Effect of CYP3A4*22, CYP3A5*3, POR*28, and PPARA RS4253728 on tacrolimus exposure and neurotoxicity in kidney transplant recipients
Jean-Baptiste Woillard¹, Nicolas Picard¹, Marie Essig¹, Pierre Merville²,
Caroline Monchaud¹, Pierre Marquet¹
CHU Limoges; Univ Limoges, France
CHU Bordeaux, France

Choice of renal function estimator may affect adverse outcomes with dabigatran
Bryan Simpson, David Reith, Natalie Medlicott, Alesha Smith
University of Otago, New Zealand

Factors associated with vancomycin concentration variability in routine clinical care
Ksenia Zagorodnikova, Maria Kostitcyna, Alla Murzina
North-Western State Medical University N.A.I.I.Mechnikov, Russia

Education

Chairs:
Jan Strojl, Palacky University Olomouc, Czech Republic
Simon Maxwell, University of Edinburgh, UK

Speakers:
Preparing to prescribe (30 min.)
Tim Dornan, Queen’s University Belfast, UK

EACPT study on assessment and curricula (20 min.)
David Brinkman, VU University Medical Center, The Netherlands
Academic detailing in Norway – caring for GPs where they are
Roar Dyrkorn, Harald Langaas
Dept. For Clinical Pharmacology, RELIS, Norway

Learning by donning in the student-run pharmacovigilance programme
Tim Schutte1,2, Jelle Tichelaar1,2, Michael Reumerman1,2, Rike van Eekeren3,4,
Lean Rolfs3,4, Eugene van Puijenbroek3,4, Milan Richir1,2, Michiel van
Agtaema1,2
VU University Medical Center, Amsterdam, The Netherlands
RECIPe, Amsterdam, the Netherlands
The Netherlands Pharmacovigilance Centre Lareb (Lareb),’s Hertogenbosch,
the Netherlands
University of Groningen, The Netherlands

Psychological insulin resistance. Descriptive observational study in 123
patients with Type 2 diabetes mellitus not taking insulin in Paris area, France
Stephane Mouly, Jean-Francois Bergmann, Pierre-Jean Guillausseau
AP-HP-Hopital Lariboisière-University of Paris Diderot, France

A multifaceted intervention to improve guideline adherence among
prescribing physicians at surgical wards
Jacqueline Bos1, Stephanie Natsch2, Patricia van den Bemt3, Hans Pot4,
Elisbeth Nagtegaal5, Andre Wieringa5, Gert Jan van der Wilt5, Peter de Smet5,
Cornelis Kramers1,2
Canisius Wilhelmina Hospital, Nijmegen, The Netherlands
Radboud University Medical Center, Nijmegen, The Netherlands
Erasmus University Medical Center, Rotterdam, The Netherlands
Meander Medical Centre, Amersfoort, The Netherlands
Isala Hospital, Zwolle, The Netherlands

9:00 to 10:30
REGULATORY
Room Nadir

Chairs:
Regina Demlova, Masaryk Univerzity, Czech Republic
Caridad Pontes, Autonomous University of Barcelona, Spain

Speakers:
Integration of pharmacogenomics from regulatory perspective (30 min.)
Ondrej Slanar, Charles University, Czech Republic

Actual value of subgroups analyses to support regulatory applications
(30 min.)
Julia Carolin Stingl, University of Bonn, Germany

Comparative analysis of regulatory systems for expanded access to
investigational drugs in three countries: The Netherlands, Turkey and
the United States of America
Nikkie Aarts, Eline M. Bunnik, Suzanne van de Vathorst
Erasmus MC - University Rotterdam, The Netherlands
Clinical pharmacology and implementation of the EU clinical trials regulation in Slovakia. Roles and responsibilities taken
Jozef Glasa, Helena Glasova
Slovak Medical University in Bratislava, Slovakia
Slovak Society of Clinical Pharmacology, Slovakia

Variability of clinical chemistry parameters in healthy volunteers and overview of Bayer in-house Phase I trials from 2000-2013
Georg Wensing, Michael Böttcher
Bayer AG, Germany

10:30 to 11:00
Exhibition Area
COFFEE BREAK

11:00 to 12:30
Room Meridian
EPHAR/EACPT SESSION
New therapeutic approaches, from bench to bedside

Chairs:
Gerard Rongen, Radboud University Medical Center, The Netherlands
Thomas Griesbacher, Medical University of Graz, Austria

Speakers:
The first molecule interacting with a host protein for the inhibition of multiple viruses (20 min.)
Maurizio Botta, University of Siena, Italy

Gene therapy for heart failure (20 min.)
Jean-Sebastien Hulot, ICAN Paris, France

The challenges of cell therapy control for safe, EU-approved Advanced Therapy Medicinal Products (20 min.)
Grazia Pellegrini, University of Modena and Reggio Emilia, Italy

Investigation of signalling pathways underlying hypoxic stress in IPS-derived, beating human cardiomyocytes
Aisling Williams¹, Katie O’Sullivan²,³, Cathal Tobin-O’Brien¹, Lauren MacDonagh¹, Eamon Breen¹, Donal Buggy¹,²,³, John Hurley³, Helen Gallagher¹,³
University College Dublin, Ireland
Mater Private Hospital, Dublin, Ireland
Mater Misericordiae University Hospital, Dublin, Ireland
Cleveland Clinic, Ohio, USA

Presentation of winner of EPHAR/EACPT young translational investigation award (10 min.)

Presentation of winner of EPHAR/EACPT young translational investigation award (10 min.)

11:00 to 12:30
Room Zenit
EDUCATION
BPS block
**Chair:**
Simon Maxwell, *University of Edinburgh, UK*

**Speakers:**
Prescribing safety assessment: Ensuring that new graduates are competent to prescribe and supervise the use of medicines in modern healthcare (20 min.)
Simon Maxwell, *University of Edinburgh, UK*

Swiss assessment for clinical pharmacology specialists (20 min.)
Caroline Samer, *Geneva University Hospitals, Switzerland*

Teaching Resource Centre: A leading resource for students learning about the clinical pharmacology of commonly used drugs (20 min.)
Robert Rissmann, *Leiden University, Netherlands*

Developing a training environment to introduce students to the use of Electronic Patient Records and ePrescribing (30 min.)
Sarah Pontefract, *University of Birmingham, UK*
Kurt Wilson, *University of Manchester Medical School, UK*

**11:00 to 12:30**
Room Nadir

**PHARMACOVIGILANCE**

**Chairs:**
Karel Urbanek, *Palacky University Olomouc, Czech Republic*
Gonzalo Calvo, *EACPT, Spain*

**Speakers:**
Risk minimisation measures: A critical review of their effectiveness (30 min.)
Dolores Montero, *Spanish Medicines Agency, Spain*

Adverse drug reactions in the elderly (15 min.)
Martin Wawruch, *Comenius University Bratislava, Slovakia*

Adverse drug reactions in children (15 min.)
Petra Matalova, *Palacky University Olomouc, Czech Republic*

Safety profile of intravitreal anti-VEGF drugs: An analysis of the Italian spontaneous reporting system
Paola Maria Cutroneo¹, Claudia Giardina¹, Valentina Ientile¹, Simona Potenza², Laura Sottosanti², Carmen Ferrajolo³, Costantino Trombetta¹, Gianluca Trifirò³
*University of Messina, Italy*
*Italian Medicines Agency, Rome, Italy*
*University of Campania, Naples, Italy*

Opinions of national competent authorities regarding patient reporting of adverse drug reactions
Cristiano Matos¹, Linda Härmark², Florence van Hunsel³
*University of Seville, Spain*
Admission to emergency room during direct oral anticoagulation therapy: Observational study from 2012 to 2016 in French hospital
Johana Béné, Alain-Eric Dubart, Catherine Senis, Régis Bordet, Sophie Gautier
CHU Lille, Univ.Lille 2, Inserm, Centre Régional de Pharmacovigilance du Nord, Lille, France
Centre Hospitalier de Béthune, France

12:30 to 14:00
Poster Area
LUNCH – GUIDED POSTER SESSION 2

14:00 to 15:30
Room Meridian
PSYCHIATRY

Chairs:
Milan Grundmann, University of Ostrava, Czech Republic
Edoardo Spina, University of Messina, Italy

Speakers:
Novel treatment options in depression and psychosis (30 min.)
Eva Ceskova, Masaryk University, Czech Republic

Personalized pharmacotherapy in psychiatry (30 min.)
Christoph Hiemke, University Mainz, Germany

Cannabis exposure in young children: Increasing rate of hospitalisation in France in the recent years
Maryse Lapeyre-Mestre, Emilie Chauvin, Emilie Jouanjus, Vanessa Pauly, Margaux Laforie, Anne Roussin
Centre Hospitalier Universitaire de Toulouse, France
Université de Toulouse, France
UMR Inserm 1027, France
Assistance Publique des Hopitaux de Marseille, France

Pharmacodynamic and pharmacokinetic interaction between alcohol and energy drinks
Clara Pérez-Mañá, Julian Mateus, Patricia Diaz, Adriana Baggerman, Esther Menoyo, Marta Pérez, Soraya Martin, Mitona Pujadas, Francina Fonseca, Rafael de la Torre
IMIM-Hospital Del Mar Medical Research Institute, Barcelona, Spain
Universitat Autònoma de Barcelona-UAB, Spain
Universitat de Barcelona-UB, Spain
Institut de Neuropsiquiatria i Addiccions (INAD), Barcelona, Spain
Universitat Pompeu Fabra-UPF, Barcelona, Spain

Insight gained from genome-wide interaction and enrichment analysis on weight gain during citalopram treatment
Henrik Corfitsen, Antonio Drago
Aarhus University, Denmark
14:00 to 15:30  
Room Zenit  

SPECIAL POPULATIONS

Chairs:
Ivana Kacirova, University of Ostrava, Czech Republic  
Gerard Rongen, Radboud University Medical Center, The Netherlands

Speakers:
Risk of malformations with antiepileptic drugs (20 min.)  
Dina Battino, IRCCS Milan, Italy

Importance of TDM during pregnancy and breastfeeding (20 min.)  
Ivana Kacirova, University of Ostrava, Czech Republic

Pharmacotherapeutic consequences of (morbid) obesity (20 min.)  
Catherijne Knibbe, St. Antonius Hospital Nieuwegein, The Netherlands

Teratogenic risk of macrolides during the first trimester of pregnancy:  
A study with two complementary approaches within the EFEMERIS database  
Thuc Lê Nguyen, Mélanie Araujo, Caroline Hurault-Delarue, Isabelle Lacroix, Christine Damase-Michel, Agnès Sommet  
UMR 1027, University Hospital, University Toulouse 3, France

Risk of major congenital malformations after first trimester exposure to topical azoles  
Reut Rotem¹, Boris Fishman¹, Gidi Koren¹,², Sharon Daniel¹,³, Eitan Lunenfeld³,  
Amalia Levy¹  
Ben-Gurion University of The Negev, Israel  
MAccabi Health Services, Israel  
Soroka Medical Center, Beer-Sheva, Israel

Once-daily aminoglycosides dosing regimen in paediatric cystic fibrosis (CF) patients: A single centre outcomes evaluation  
Hundie Tesfaye, Blanka Jedlickova, Richard Prusa, Jana Bartosova, Veronika Skalicka, Vendula Martinů, Vaclav Koucky, Tereza Dousova  
University Hospital in Motol, 2nd Faculty of Medicine, Charles University, Prague, Czech Republic

14:00 to 15:30  
Room Nadir  

PHARMACOKINETICS  

Advances in pharmacokinetics: Towards optimised drug treatments

Chairs:
Jaroslav Chladek, Charles University, Czech Republic  
Janne Backman, University of Helsinki, Finland

Speakers:
Recent advances in developmental pharmacokinetics in children (20 min.)  
Saskia de Wildt, Radboud University, The Netherlands
Complex drug-drug interactions: Mechanisms and clinical relevance (20 min.)
Janne Backman, University of Helsinki, Finland

Population modelling in haemophilia and potential usage in the clinic (20 min.)
Siv Jönsson, Uppsala University, Sweden

Hepatic disposition of [11C]erlotinib at micro- and therapeutic doses assessed with pet imaging
Martin Bauer¹, Akihiro Matsuda¹, Beatrix Wulkersdorfer¹, Cecile Philippe³, Lukas Nics¹, Eva-Maria Klebermass¹, Johann Stanek¹, Wolfgang Wadsak¹², Marcus Hacker¹, Markus Zeitlinger¹
Medical University of Vienna, Austria
Centre for Biomarker Research in Medicine - CBmed GmbH, Graz, Austria
AIT Austrian Institute of Technology GmbH, Seibersdorf, Austria

Characterization of absorption, metabolism, and elimination of Niraparib, an investigational poly (ADP-ribose) polymerase inhibitor, in cancer patients
Zhi-Yi Zhang¹, Vikram Kansra¹, Lotte van Andel², Matthijs Tibben², Hilde Rosing³, Sharon Lu¹, Shefali Agarwal¹, Lorraine Hughes¹, Jan H. M. Schellens¹⁴, Jos H. Beijnen²⁴
TESARO Inc, Waltham, USA
Antoni van Leeuwenhoek/The Netherlands Cancer Institute and MC Slotervaart, Amsterdam, The Netherlands
The Netherlands Cancer Institute, Amsterdam, The Netherlands
Utrecht University, The Netherlands

Pharmacokinetics and pharmacodynamics of Elobixibat, a novel ileal bile acid transporter inhibitor
Yuji Kumagai¹, Hideki Amano¹, Yoshinobu Sasaki¹, Chie Nakagawa¹, Mika Maeda¹, Ichiro Oikawa², Hidetoshi Furuie³
Kitasato University Hospital, Kanagawa, Japan
EA Pharma Co., Ltd., Tokyo, Japan
Osaka Pharmacology Clinical Research Hospital, Japan

15:30 to 16:00 Exhibition Area

16:00 to 17:00 ORAL COMMUNICATIONS 2

COFFEE BREAK

ORAL COMMUNICATIONS 2

What is the current knowledge about the cardiovascular risk for users of cannabis-based products? A systematic review
Emilie Jouanjus¹², Valentin Raymond², Maryse Lapeyre-Mestre¹², Valérie Wolff³
Centre Hospitalier Universitaire, Toulouse, France
Inserm UMR 1027, Université Toulouse III, Toulouse, France
Centre Hospitalier Régional Universitaire, Strasbourg, France
Multimorbidity, guidelines and polypharmacy
Matthew Doogue\textsuperscript{1,2}, Annabelle McGowan\textsuperscript{1,2}, Murray Barclay\textsuperscript{1,2}, David Jardine\textsuperscript{1,2}
University of Otago, New Zealand
Canterbury District Health Board, New Zealand

Transition study of biosimilar infliximab in patients with inflammatory bowel disease
Niels Boone, Limmie Lui, Marielle Romberg, Laurence Duijsens, Hugo van der Kuy, Rob Janknegt, Ad van Bodegraven
Zuyderland Medical Center, The Netherlands

Effect of high dose acetaminophen on liver function tests in healthy subjects
Yuji Kumagai\textsuperscript{1,2}, Ildae Song\textsuperscript{1}, Mika Maeda\textsuperscript{1,2}, Rieko Tanaka\textsuperscript{1}, Yasutoshi Sakamoto\textsuperscript{1}, Masako Aso\textsuperscript{2}, Yoshiro Saito\textsuperscript{3}, Kyoko Maekawa\textsuperscript{3}, Tomoe Fujita\textsuperscript{1,2}
Kitasato University, Kanagawa, Japan
Kitasato University Hospital, Kanagawa, Japan
National Institute of Health Sciences, Tokyo, Japan

Drug-induced acute pancreatitis: A four-year single-centre experience
Karel Urbánek, Kateřina Schillerová, Ondřej Krystyník, Jaromíra Gajdová
Palacký University, Olomouc, Czech Republic

Sex differences in spontaneous reports on adverse drug events for antihypertensive drugs
Diana Rydberg\textsuperscript{1,2}, Stefan Mejyr\textsuperscript{1,2}, Desirée Loikas\textsuperscript{2,3}, Karin Schenck-Gustafsson\textsuperscript{1,2}, Mia von Euler\textsuperscript{1,2}, Rickard Malmström\textsuperscript{1,2}
Karolinska University Hospital, Stockholm, Sweden
Karolinska Institutet, Stockholm, Sweden
Public Healthcare Services Committee, Stockholm County Council, Sweden

16:00 to 17:00
Room Nadir

ORAL COMMUNICATIONS 3

Investigating real-world Clopidogrel pharmacogenetics in stroke using a bioresource linked to electronic medical records
Aleksi Tornio, Robert Flynn, Steve Morant, Elena Velten, Colin N.A. Palmer, Thomas M. MacDonald, Alex S.F. Doney
University of Dundee, United Kingdom

Effects of carboxylesterase 1 genetic variants on its gene expression, and Clopidogrel pharmacokinetics and antiplatelet effects
Mikko Neuvonen\textsuperscript{1}, Katriona Tarkiainen\textsuperscript{1}, Aleksi Tornio\textsuperscript{1}, Päivi Hirvensalo\textsuperscript{1}, Matti Itkonen\textsuperscript{1}, Mikko Holmberg\textsuperscript{3}, Ville Männistö\textsuperscript{3}, Jussi Pihlajamäki\textsuperscript{2,3}, Janne Backman\textsuperscript{1}, Mikko Niemi\textsuperscript{1}
University of Helsinki and Helsinki University Hospital, Finland
Kuopio University Hospital, Finland
University of Eastern Finland, Kuopio, Finland
Pharmacogenetic algorithm for acenocoumarol dosing improve anticoagulation control: A multicenter randomized clinical trial
Hoi Tong¹, Alberto M. Borobia¹,², María Rodríguez Dávila³, Nuria Ruiz-Giménez³, Manuel González Viñolís³, Olga Madridano⁴, Ana López Parra⁵, Pilar Llamas Sillero⁶, Jesús Frías¹,², Antonio Carcas Sansuán¹,²
La Paz University Hospital, IdiPAZ, Madrid, Spain
School of Medicine, Autonomous University de Madrid, Spain
La Princesa University Hospital, Madrid, Spain
Infanta Sofia University Hospital, Madrid, Spain
Complutense University of Madrid, Spain
Fundación Jiménez Díaz University Hospital, Madrid, Spain

Risk of adverse pregnancy outcome after paternal exposure to Methotrexate within 90 days before pregnancy
Jon T. Andersen¹,², Thomas B. Jensen¹, Dimitrios Mastrogiannis³, Arendse Torp-Pedersen¹, Bjarke Askaa⁴, Torben Kjaer Nielsen⁵, Henrik E Poulsen¹,², Espen Jimenez-Solem¹,², Lasse Eck¹
Copenhagen University Hospital Bispebjerg, Denmark
University of Copenhagen, Denmark
University of Illinois At Chicago, Chicago, USA
Copenhagen University Hospital Rigshospitalet, Glostrup, Denmark
Copenhagen University Hospital Roskilde, Denmark

Innate immune genetic markers predict postoperative morphine consumption in an ethnicity-dependent manner
Andrew Somogyi¹, Daniel Barratt¹, Ene-Choo Tan², Alex Sia²
University of Adelaide, Adelaide Medical School, Australia
KK Women’s and Children’s Hospital, Singapore

17:00 to 18:30
Room Meridian

NEUROLOGY

Chairs:
Milan Grundmann, University of Ostrava, Czech Republic
Marie Besson, Geneva University Hospitals, Switzerland

Speakers:
Neurological side effects of drugs (20 min.)
Regis Bordet, University of Lille, France

Epilepsy treatment introduction (20 min.)
Vilem Novak, University Hospital Ostrava, Czech Republic

Improving the safety of new antiepileptic agents by individualized dosing (30 min.)
Anders Helldén, Karolinska Institutet, Sweden, Sweden

GABAA subtypes-selective modulation: A novel mechanism-based approach to the treatment of neuropathic pain
Alain Matthey¹, Youssef Daali¹, William Ralvenius², Hanns Urlich Zeilhofer²,³, Jules Desmeules¹, Marie Besson¹
Geneva University Hospitals, Switzerland
Mortality related to benzodiazepines or other psychotropic drugs in patients with cancer
Berangere Baricault\textsuperscript{1,2}, Aurore Palmaro\textsuperscript{1,2}, Maryse Lapeyre-Mestre\textsuperscript{1,2}
\textit{Universite de Toulouse, France}
UMR INSERM 1027, France

\textbf{17:00 to 18:30}  
\textit{Room Zenit}  
\textbf{e-HEALTH}  

\textbf{Chairs:}  
Jan Strojil, \textit{Palacky University Olomouc, Czech Republic}  
Ylva Böttiger, \textit{Linkoping University, Sweden}  

\textbf{Speakers:}  
\textbf{Digital health technologies in hospital medicines management} (30 min.)  
Jamie Coleman, \textit{University of Birmingham, UK}  

\textbf{Decision support systems for medicines – paths for the future} (30 min.)  
Birgit Eiermann, \textit{Karolinska Institutet, Sweden}  

\textbf{Dabigatran exposure and outcomes: A PK/PD/PV study}  
David Reith, Bryan Simpson, Natalie Medlicott, Aesha Smith  
\textit{University of Otago, New Zealand}  

\textbf{Do electronic prescribing systems in English hospitals support antimicrobial stewardship? An analysis of ‘start smart – then focus’ functionality}  
Imun Madar\textsuperscript{1}, Jamie Coleman\textsuperscript{1}, Ann Slee\textsuperscript{2}, Sarah Pontefract\textsuperscript{1}  
\textit{University of Birmingham, United Kingdom}  
NHS England, London, United Kingdom  

\textbf{Utilisation of New Zealand primary care electronic data to guide clinical decision support system design—a retrospective cohort for Dabigatran}  
Bryan Simpson, David Reith, Natalie Medlicott, Alesha Smith  
\textit{University of Otago, New Zealand}  

\textbf{17:00 to 18:30}  
\textit{Room Nadir}  
\textbf{BIOMARKERS AND PRECISION MEDICINE}  

\textbf{Chairs:}  
Jitka Patockova, \textit{Medical and Radiology Clinic Prague, Czech Republic}  
Matthias Schwab, Dr. Margarete Fischer-Bosch-Institute of Clinical Pharmacology, Germany  

\textbf{Speakers:}  
\textbf{The U-PGx Project: Implementation of pharmacogenomics in Europe} (30 min.)  
Henk-Jan Guchelaar, \textit{Leiden University Medical Center, The Netherlands}  

\textit{Sunday 25 June}
Predictive markers for prognosis and drug therapy in renal cancer (30 min.)
Matthias Schwab, Dr. Margarete Fischer-Bosch-Institute of Clinical Pharmacology, Germany

Biomarkers in paediatric oncology (30 min.)
Dalibor Valík, Masaryk University, Czech Republic

18:30 to 19:30
Room Nadir
EACPT ASSEMBLY
Monday, 26 June

8:00 to 9:00
Room Meridian

**ORAL COMMUNICATIONS 4**

**Chairs:** Donald Singer, Marie Besson

Medicines communications using digital media: Findings from a survey of member organisations of the European medicines agency’s patients and consumers and health professionals working parties (PCWP and HCPWP)
Donald Singer¹, Ivana Silva², Maria Mavris²
EACPT
EMA London, UK

Investigator initiated clinical trials: Portuguese case
Emília Monteiro, Catarina Madeira
Portuguese Clinical Research Infrastructure Network (PtCRIN), Portugal
European Clinical Research Infrastructure Network (ECRIN), Portugal
Nova Medical School, Portugal

Over exposure to Efavirenz plasma concentrations among Beninese HIV patients treated by a 600 mg daily dose
Aurel Constant Allabi¹, Mikal Kiki³, Marcel Zannou³, Jean-Claude Alvarez²
Université D’Abomey-Calavi/ FSS/Unité de Pharmacologie, Benin
Fac de Médecine PIFO, INSERM U-1173 CHU Garches, AP-HP, Benin

Does patient health empowerment go hand in hand with privacy empowerment?
Leticia Pereira, David García, Silvia Fernández, Neus Riba, Maria Jesús Bertran
Hospital Clinic of Barcelona, Spain

Public knowledge, beliefs, and behavior regarding the use of antibiotics in Serbia
Olga Horvat, Tinde Halgato, Ana Tomas, Milica Paut, Zdenko Tomić, Ana Sabo
University of Novi Sad, Serbia

Patients sometimes celebrate adverse effects as evidence of potency and efficacy in Africa
Shaibu Bello, Suleiman Shuiabu, Abdulmalik Shuiabu, Aishatu Bello
Usmanu Danfodiyo University, Nigeria

8:00 to 9:00
Room Nadir

**HOW TO SESSION**

How to review a paper

9:00 to 10:30
Room Meridian

**ONCOLOGY**

**Chairs:**
Regina Demlova, Masaryk University, Czech Republic
Caroline Samer, Geneva University Hospitals, Switzerland

Monday 26 June
Speakers:
Immunotherapy of cancer (20 min.)
Ana Arance, Hospital Clinic Barcelona, Spain

Are the host-dependent variables the forgotten key to personalised medicine? (20 min.)
Regina Demlova, Masaryk University, Czech Republic

Benefits and challenges of fast-track drug approval in oncology (20 min.)
Curt Peterson, Linköping University, Sweden

Computational Horizons in Cancer (CHIC) (20 min.)
Georgios Stamatakos, National Technical University of Athens, Greece
(on behalf of the CHIC consortium)

9:00 to 10:30
Room Zenit
SYMPOSIUM OF SFPT
The Rennes disaster: Lessons to be drawn

Chairs:
Francesco Salvo, University Hospital Bordeaux, France
Gonzalo Calvo, EACPT, Spain

Speakers:
The Rennes disaster – Lessons to learn (35 min.)
Bernard Bégaud, French Drug Agency, France

The measures of French regulatory agency for clinical trials conduction after the Rennes disaster (15 min.)
Anne Gimbert, REVIES, France

Practical implication of the last EMA regulation for clinical trials (20 min.)
Gonzalo Calvo, EACPT, Spain

Is there a need for independent investigation of accidents in human clinical research? (20 min.)
Brian Edwards, ISoP, UK

9:00 to 10:30
Room Nadir
GLOBAL HEALTH
Access to medicines (ensuring the supply chain for access to safe and effective medicines)

Chairs:
Jozef Glasa, Slovak Medical University in Bratislava, Slovakia
Donald Singer, EACPT, UK

Speakers:
Securing the supply chain of medicines: Whose responsibility? (20 min.)
Mike Isles, EAASM, UK

Monday 26 June
Preventing medicines shortages/distribution failures and infiltration of illegal medicines in the distribution network (20 min.)
Domenico Di Giorgio, Italian Medicines Agency, Italy

Fight against falsified medicines: Serbia’s example and coordinated actions at EDQM level through the Medicrime Convention (20 min.)
Pavle Zelic, Medicines and Medical Devices Agency, Serbia

Discussion Panel
Jozef Glasa, Donald Singer, Mike Isles, Domenico Di Giorgio, Pavle Zelic, June Raine

10:30 to 11:00
Exhibition Area

COFFEE BREAK

11:00 to 12:30
Room Meridian

PHARMACOGENOMICS AND EPIGENOMICS
Joint session with IUPHAR

Chairs:
Guilherme Suarez-Kurtz, Cancer Treatment Center Rio de Janeiro, Brazil
Ingolf Cascorbi, University of Kiel, Germany

Speakers:
Genetic and epigenetic mechanisms of TKI resistance (25 min.)
Ingolf Cascorbi, University of Kiel, Germany

Pharmacogenomics of colorectal cancer: From discovery to clinical implementation and back (25 min.)
Erika Cecchin, National Cancer Institute Aviano, Italy

ADME gene regulation through miRNA – role of inflammation (25 min.)
Ulrich Zanger, IKP Stuttgart, Germany

Pharmacogenetics of chemotherapy response in osteosarcoma: A genetic variant in SLC7A8 is associated with progressive disease
Marieke Coenen¹, Hanneke Vos¹, Johanne Groothuismink¹, Hans Gelderblom², Henk-Jan Guchelaar², Maroeka te Loo², Genetics of Osteosarcoma consortium³
Radboud University Medical Center, The Netherlands
Leiden University Medical Center, The Netherlands

11:00 to 12:30
Room Zenit

EACPT MEETS THE ASIAN SOCIETIES
Joint session with KSCPT

Monday 26 June
**Chairs:**
Tabassome Simon, EACPT, France
Jae Gook Shin, KSCPT, Rep. of Korea

**Speakers:**
Education and training of clinical pharmacology in Korea (20 min.)
Kyun-Seop Bae, Asan Medical Center, Univ. of Ulsan, Rep. of Korea

Biologic treatment of rheumatoid arthritis treatment, current status and future perspectives (20 min.)
Karel Pavelka, Institute of Rheumatology Prague, Czech Republic

Pharmacometrics in academia: Role for clinical researches and dissemination to industry in Korea (20 min.)
Dong-Seok Yim, The Catholic University of Korea, Rep. of Korea

Biological therapy for high-prevalence diseases (20 min.)
Caridad Pontes, Autonomous University of Barcelona, Spain

**11:00 to 12:30**
**ANTI-INFECTIVES**
**Room Nadir**

**Chairs:**
Karel Urbanek, Palacky University Olomouc, Czech Republic
Gerard Rongen, Radboud University Medical Center, The Netherlands

**Speakers:**
Advances and challenges in vaccine therapy (30 min.)
Ronald de Groot, Radboud University Medical Center, The Netherlands

Antibiotic utilization and bacterial resistance (30 min.)
Milan Kolar, Palacky University Olomouc, Czech Republic

Effectiveness of nurse-driven HIV screening targeting key populations in emergency departments in metropolitan Paris: The ANRS DICI-VIH cluster-randomized two-period crossover trial
Judith Leblanc¹, Carole Jegou², Nadia Fossoux³, Cécile Lancien⁴, Théophile Bastide⁵, Rachel Verbrugghe⁶, Cécile Jauneau⁷, Hélène Piquet⁸, Anne-Claude Crémiieux⁹, Tabassome Simon¹⁰
Groupe Hospitalier des Hôpitaux Universitaires Est Parisien/ Université Paris Saclay-Université Versailles St Quentin, Garches, France
Hôpital Avicenne, Bobigny, France
Hôpital Bicêtre, Le Kremlin-Bicêtre, France
Centre Hospitalier de Saint Denis, Hôpital Delafontaine, Saint Denis, France
Hôpital Lariboisière, Paris, France
Hôpital Tenon, Paris, France
Centre Hospitalier de Gonesse, Gonesse, France
Hôpital Saint Antoine, Paris, France
Hôpital Saint Louis, Paris/ Université Versailles St Quentin, Garches, France
Groupe Hospitalier des Hôpitaux Universitaires Est Parisien / Sorbonne Universités, UPMC Univ Paris 06, France
Outpatient antibiotic prescriptions with high risk of bacterial resistance in France: A national healthcare insurance database analysis
Marie-Céline Casaurancq, Manuela Rueter, Bérangère Baricault, Emilie Patras de Campigno, Mélanie Araujo, Maryse Lapeyre-Mestre, Agnès Sommet
University Hospital, University Toulouse 3, France

Target-site pharmacokinetics of the echinocandin antifungal anidulafungin in ascites and pleural effusion during critical illness
René Welte¹, Ingo Lorenz¹, Philipp Eller², Michael Joannidis¹, Romuald Bellmann¹
Medical University of Innsbruck, Austria
Medical University of Graz, Austria

12:30 to 14:00
Poster Area

14:00 to 15:30
Room Meridian

LUNCH – GUIDED POSTER SESSION 3

14:00 to 15:30
Room Meridian

CARDIOVASCULAR

Chairs:
Otto Mayer, Charles University, Czech Republic
Tabassome Simon, EACPT, France

Speakers:
Impact of recent advances in management of dyslipidemia on cardiovascular morbidity and mortality (30 min.)
Michal Vrablik, Charles University, Czech Republic

Antidiabetic treatment of T2DM and cardiovascular risk (30 min.)
Hana Rosolova, Charles University, Czech Republic

Causes of death in anticoagulated patients with venous thromboembolism
Antonio Gómez-Outes¹, Ana-Isabel Terleira-Fernández², Ramón Lecumberri³, Gonzalo Calvo-Rojas⁴, Mª.Luisa Suárez-Gea¹, Emilio Vargas-Castrillón²
Agencia Española de Medicamentos y Productos Sanitarios (AEMPS), Madrid, Spain
Hospital Clínico San Carlos and Universidad Complutense, Madrid, Spain
Clínica Universidad de Navarra, Pamplona, Spain
Hospital Clinic, Barcelona, Spain

On demand sildenafil as a treatment of Raynaud’s phenomenon: A series of N-of-1 trials
Matthieu Roustit¹²³, Joris Giai⁴⁵⁶, Olivier Gaget³, Myriam Mouhib³, Adrien Lotito³, Charles Khouri³, Sophie Blaise⁴⁵³, Christophe Seinturier³, Sunita Vohra⁷, Jean-Luc Cracowski¹²³
Univ. Grenoble-Alpes, France
Inserm, HP2 UMR 1042, Grenoble, France
CHU Grenoble-Alpes, France
Université de Lyon, France
CNRS, UMR5558, Villeurbanne, France
Modelling of outcome postponement for cardiovascular outcomes in statin trials
Morten Rix Hansen¹, Anton Pottegård¹, Asbjørn Hróbjartsson²,³, Per Damkier¹,⁵, René dePont Christensen¹, Jesper Hallas¹,²
Clinical Pharmacology And Pharmacy University of Southern Denmark, Odense, Denmark
Odense University Hospital, Denmark
Center for Evidence-Based Medicine University of Southern Denmark, Denmark
Research unit for general practice, Denmark
Department of Clinical Research, University of Southern Denmark, Denmark

14:00 to 15:30
Room Zenit
BIG DATA
BPS block

Chair:
Munir Pirmohamed, University of Liverpool, UK

Speakers:
Big Data in pharmacoepidemiology (30 min.)
Patricia McGettigan, QMUL London, UK

Can we use social media for pharmacovigilance (30 min.)
Simon Maskell, University of Liverpool, UK

Use of genomics for drug discovery (15 min.)
Matt Nelson, University of North Carolina, USA

Combining genomics and electronic health records data for disease development and drug response (15 min.)
Mads Melbye, University of Copenhagen, Denmark

14:00 to 15:30
Room Nadir
PHARMACOECONOMICS

Chairs:
Tomas Dolezel, Institute of Health Economics and Technology Assessment Prague, Czech Republic
Dinko Vitezic, University of Rijeka Medical School, Croatia

Speakers:
Opportunities and constraints to harmonize pharmacoeconomic methods across European countries (20 min.)
Zoltan Kalo, Eötvös Loránd University, Hungary

HTA trends in middle and low income countries – example of CEE region (20 min.)
Tomas Dolezal, Institute of Health Economics and Technology Assessment Prague, Czech Republic

Cost-effectiveness of genotype-guided warfarin dosing in the patients with mechanical heart valve replacement under fee-for-service system
Dong-Jin Kim¹, Ho-Sook Kim¹, Minkyoung Oh¹, Eun-Young Kim¹,², Jae-Gook Shin¹,²
University College of Medicine, Busan, South Korea
University Busan Paik Hospital, Busan, South Korea

Discussion (30 min.)

15:30 to 16:00
Exhibition Area

COFFEE BREAK

16:00 to 17:00
Room Meridian
PLENARY DEBATE
It is difficult to successfully communicate the risk to benefit ratio of medicines to the patient

Chairs: Caridad Pontes, Tabassome Simon

Speakers:
Pro: Rosa González-Quevedo, EMA London, UK
Con: Mikael Hoffmann, The Swedish Society of Medicine, Sweden

17:00 to 18:30
Room Meridian
SATELLITE SYMPOSIUM 1

17:00 to 18:30
Room Zenit
SATELLITE SYMPOSIUM 2

17:00 to 18:30
Room Nadir
SATELLITE SYMPOSIUM 3
Industry Session not included in main event CME/CPD credit
Tuesday, 27 June

9:00 to 10:30
Room Meridian
Rational use of drugs in Europe - what can we learn from cross-national comparisons of drug utilization
A symposium dedicated to the late Ludvik Stika
Joint session with euroDURG

Chairs:
Robert Vander Stichele, University of Gent, Belgium
Jiri Vlcek, Charles University, Czech Republic

Speakers:
A tribute to a pioneer in Drug Utilization Research: Ludvik Stika (10 min.)
Ulf Bergman, Karolinska Institute, Sweden

Drug consumption of antibiotics and anticoagulant agents from ecological and longitudinal perspectives – recent possibilities and role of drug consumption studies in the Czech Republic (25 min.)
Jiri Vlcek, Charles University, Czech Republic
Jana Mlada, SUKL, Czech Republic

Lessons from CNC for the appraisal of access to medicines, prescribing, and pharmaceutical policies (25 min.)
Robert Vander Stichele, University of Gent, Belgium

Five-year antimicrobial susceptibility trends among bacterial isolates from King Faisal Hospital tertiary health-care facility in Kigali, Rwanda
Donald RJ Singer¹, Makeda Carroll², Ashok Rangaiahagari³, Emmanuel Musabeyezu⁴, Onyema Ogbuagu⁵
Fellowship of Postgraduate Medicine, London, UK
Department of Public Health, Philadelphia, Pennsylvania, USA
SMBT Institute of Medical Science and Research Center, Nashik, India
King Faisal Hospital, Kigali, Rwanda
Yale University School of Medicine, New Haven, Connecticut, USA

Serum magnesium level in patients with Type II diabetes mellitus treated with diuretics and/or proton pump inhibitors, admitted to internal medicine departments
Ahuva Golik, Bethlehem Mengesha, Shlomit Koren
Assaf Harofeh Medical Center, Sackler School of Medicine Tel-Aviv University, Israel

9:00 to 10:30
Room Zenit
ORAL COMMUNICATIONS 5
Chairs: Milan Grundmann, Edoardo Spina

Effect of ABCB1 inhibition at the blood-brain barrier on brain distribution of the ABCB1 substrate (r)-[11C]verapamil in elderly versus young subjects

Tuesday 27 June
Bioequivalence studies of highly variable drugs - an example of Itraconazole

Viktorija Dragojevic-Simic¹, Aleksandra Kovacevic¹, Nemanja Rancic¹, Vesna Jacevic¹, Snezana Djordjevic¹, Vesna Kilibarda¹, Zoran Segrт³, Momir Mikov²
Military Medical Academy, Belgrade, Serbia
Institute for Pharmacology, Clinical Pharmacology and Toxicology, Medical Faculty, Novi Sad, Serbia

Posaconazole tablets versus posaconazole oral suspension in lung transplant patients: Which consequences on immunosuppressive therapy?

Elodie Gautier-Veyret¹²³, Sebastien Chanoine¹²³, Hélène Pluchart¹²³, Julia Tonini³, Xavier Fonrose³, Christophe Pison¹²³, Pierrick Bedouch¹²³, Françoise Stanke-Labesque¹²³
Univ. Grenoble Alpes, HP2, Grenoble, France
INSERM U1042, Grenoble, France
Centre Hospitalier Universitaire des Alpes, Grenoble, France

Population pharmacodynamic analysis of effect of three increasing doses of fludrocortisone on phenylephrine-mean arterial pressure dose-response relationship in healthy volunteers

Karima Hammas¹², Noureddine Hamitouche¹, Clément Palpacuer¹², Fabrice Lainé², Eric Bellissant¹², Bruno Laviolle¹²
Inserm, CIC 1414 Clinical Investigation Centre, Rennes, France
Rennes University Hospital, Clinical Pharmacology, Rennes, France

Results of the population PK modelling of rtxmb83, a rituximab biosimilar candidate in patients with diffuse large B-cell lymphoma (DLBCL)

Myrna Candelari¹, Delris Gonzalez², Marcia Torresan³, Daniel Bar³, Amalia Flores³, Alexandra Paravisini³, Francisco Fernandez⁵, Susana Millan⁵
Instituto Nacional de Cancerología, Tlalpan, Sección XVI, Mexico DF, México
Instituto Privado de Hematología E Investigación Clínica (IPHIC), Asunción, Paraguay
Hemocentro da Universidade Estadual de Campinas/ UNICAMP, Campinas, São Paulo, Brazil
Hospital Iturraspe, Santa Fe, Argentina
Mabxience

Evidenced based drug-drug interaction alerts in an e-prescribing system

Matthew Doogue¹², Amanda Crawford¹, Hayleigh Miller³, Philip Drennan², QianYi Chuah², Matthew Strother¹², Paul Chin¹²
University of Otago, Christchurch, New Zealand
Canterbury District Health Board, New Zealand
Is pharmacogenetics of antidepressant-related metabolic genes applicable to clinical reality of recurrent depression?
Diana Pendicheva¹, Reni Tzveova²,³, Radka Kaneva²,³, Ivo Duhlenski⁴
Medical University-Pleven, Bulgaria
Molecular Medicine Center, Sofia, Bulgaria
Medical University-Sofia, Bulgaria
Diagnostic Consultation Center II, Pleven, Bulgaria

The influence of genetic polymorphisms of the gene SLC22A1(OST1) on individual susceptibility to Metformin in patients with diabetes mellitus type 2
Ekaterina Kazachkova, Vitaly Baranov, Natalia Vorohobina, Natalia Kazachkova
North-Western State Medical University Named After I.I.Mechnikov, Saint-Petersburg, Russia
City Clinical Hospital, Astrakhan, Russia

10:30 to 10:45 Exhibition Area
COFFEE BREAK

10:45 to 12:00 Room Meridian
EACPT Scientific Award and Joint EACPT- EPHAR Awards
Lifetime Educator and Young Educator Awards

CLOSING CEREMONY

Chairs: Tabassome Simon, Ylva Böttiger