Saturday, 24 June

9:00 to 12:30  YOUNG CLINICAL PHARMACOLOGISTS SESSION
Room Meridian

1st part: Metaanalysis and systematic review

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

2nd part: Oral presentations and discussion

CYP4F2 GENOTYPE AFFECTS CIRCULATING PLASMA VITAMIN K CONCENTRATION IN CHILDREN ON CHRONIC WARFARIN THERAPY
Emmanouela Kampouraki1, Peter Avery2, Tina Biss3, Farhad Kamali1
Institute of Cellular Medicine, Newcastle University, Newcastle upon Tyne, UK
School of Mathematics & Statistics, Newcastle University, Newcastle upon Tyne, UK
Department of Haematology, Royal Victoria Infirmary, Newcastle upon Tyne, UK

INHIBITORY INTERACTION POTENTIAL OF LINEZOLID ON SOLUTE CARRIER FAMILY (SLCO)-1B1 AND-1B3 TRANSPORTERS MEDIATED RIFAMPIN UPTAKE, IN VITRO
N Kaisar1, MM Parvez1, YJ Lee1, HJ Shin1, JA Jung2, J-G Shin1,2
Inje University College of Medicine, South Korea
Inje University Busan Paik Hospital, Busan, South Korea

SAFETY, TOLERABILITY, AND PHARMACOKINETICS OF SINGLE AND MULTIPLE DOSE JPI-289, A NOVEL POLY (ADP-RIBOSE) POLYMERASE-1 INHIBITOR IN FIRST-IN-HUMAN STUDY OF HEALTHY VOLUNTEERS
Sungpil Han1, Yo Han Kim2, Hee Youn Choi3, Dong-Jun Soh3, Jung-Min Kim2, Joon-Woo Nam2, Jong-Woo Kim2, Kyun-Seop Bae1 Hyeong-Seok Lim1
College of Medicine, University of Ulsan, Asan Medical Center, Seoul, Republic of Korea
Jeil Pharmaceutical Co., Ltd., Seoul, Republic of Korea

SEPSIS BIOMARKER PROGNOSTIC SIGNIFICANCE – PRESEPSIN ROLE IN REAL CLINICAL PRACTICE
Mariya Lukina, Mariya Chukina, Tatiana Andrukhichina, Tatiana Morozova
I.M. Sechenov First Moscow State Medical University, Russia

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

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

- Introduction of EACPT and welcome to first-time attendees

Saturday 24 June
• 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 PLENARY SESSION
Room Meridian

Chairs: Tabassome Simon, Gonzalo Calvo

Speaker:
Adverse drug reactions – state of the art in 2017
June Raine, Medicines and Healthcare Products Regulatory Agency, European Medicines Agency, UK

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

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

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 WELCOME COCKTAIL
Exhibition Area
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 Steyls³, Jörgen Bierau³, Marieke Coenen²  
*Maastricht University Medical Center+, Maastricht, The Netherlands*  
*Radboud University Medical Center, Radboud Institute for Health Sciences, Nijmegen, The Netherlands*

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-Plaßmann⁴, Petra Jilma-Stohlwetz¹, Kalpna Desai², Priya Misra³, Ulrich Jäger¹, Bernd Jilma¹  
*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’Sa¹, 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

9:00 to 10:30
Room Zenit
EDUCATION

**Chairs:**
Jan Strojil, 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 Langaaas
Dept. For Clinical Pharmacology, RELIS, Norway

Learning by donning in the student-run pharmacovigilance programme
Tim Schutte¹², Jelle Tichelaar¹², Michael Reumerman¹², Rike van Eekeren³⁴, Lean Rolfs³⁴, Eugene van Puijenbroek³⁴, Milan Richir¹², Michiel van Agtmael¹²
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, Elsbeth Nagtegaal⁵, Andre Wieringa⁵, Gert Jan van der Witt², Peter de Smet², Cornelis Kramers¹²⁶
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

REGULATORY

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 COFFEE BREAK
Exhibition Area

11:00 to 12:30 EPHAR/EACPT SESSION
Room Meridian
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.)
Graziella Pellegrini, University of Modena and Reggio Emilia, Italy

TDM as a tool for novel targeted anticancer therapy (20 min.)
Thierry Buclin, University Hospital Center of the Canton de Vaud, Switzerland

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 Buggy¹,²,³,⁴, John Hurley¹, Helen Gallagher¹,²
University College Dublin, Ireland
Mater Private Hospital, Dublin, Ireland
Mater Misericordiae University Hospital, Dublin, Ireland
Cleveland Clinic, Ohio, USA

11:00 to 12:30 EDUCATION
Room Zenit
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 Cutroneo, Claudia Giardina, Valentina Ientile, Simona Potenza, Laura Sottosanti, Carmen Ferrajolo, Costantino Trombetta, Gianluca Trifirò
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 Matos, Linda Härmark, Florence van Hunsel
University of Seville, Spain
Netherlands Pharmacovigilance Centre Lareb, ’s-Hertogenbosch, The Netherlands

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
12:30 to 14:00
Poster Area

LUNCH (Exhibition Area) – 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-Mestre1,2,3, Emilie Chauvin1, Emilie Jouanjus1,2,3, Vanessa Pauly1, Margaux Lafolie1, Anne Roussin1,2,3
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-Mañá1,2, Julian Mateus1,2, Patricia Diaz1, Adriana Baggerman3, Esther Menoyo1, Marta Pérez1, Soraya Martin1, Mitona Pujadas1, Francina Fonseca1,4, Rafael de la Torre1,5
IMIM-Hospital Del Mar Medical Research Institute, Barcelona, Spain
Universitat Autònoma de Barcelona-UAB, Spain
Universitat de Barcelona-UB, Spain
Institut de Neuropsiquiatría 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 Corfitsen1,2, Antonio Drago2
Aarhus University, Denmark
Psychiatric Research Unit, Herning, 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 Koren¹², Sharon Daniel¹³, 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 Martinu, 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

Sunday 25 June
Hepatic disposition of [11C]erlotinib at micro- and therapeutic doses assessed with pet imaging
Martin Bauer1, Akihiro Matsuda1, Beatrix Wulkersdorfer1, Cecile Philippe2, Lukas Nics2, Eva-Maria Klebermass1, Johann Stanek1, Wolfgang Wadsak1, 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 Tibben3, Hilde Rosing3, Sharon Lu1, Shefali Agarwal1, Lorraine Hughes1, Jan H. M. Schellens3,4, Jos H. Beijnen2,4
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 Eloxbixibat, 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

What is the current knowledge about the cardiovascular risk for users of cannabis-based products? A systematic review
Emilie Jouanjus1,2, Valentin Raymond2, Maryse Lapeyre-Mestre1,2, 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 Doogue1,2, Annabelle McGowan1,2, Murray Barclay1,2, David Jardine1,2
University of Otago, New Zealand
Canterbury District Health Board, New Zealand

Transition study of biosimilar infliximab in patients with inflammatory bowel disease

Sunday 25 June
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 Kumagai1,2, Ilda Song1, Mika Maeda1,2, Rieko Tanaka1, Yasutoshi Sakamoto1, Masako Aso2, Yoshoi Saito3, Kyoko Maekawa3, Tomoe Fujita1,2
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 Rydberg1,2, Stefan Mejyr1,2, Desirée Loikas2,3, Karin Schenck-Gustafsson1,2, Mia von Euler1,2, Rickard Malmström1,2
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 Neuvonen1, Katriina Tarkiainen1, Aleksi Tornio1, Päivi Hirvensalo3, Matti Itkonen3, Mikko Holmberg2, Ville Männistö5, Jussi Pihlajamäki2,3, Janne Backman1, Mikko Niemi1
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 Dávila1, Nuria Ruiz-Giménez1, Manuel González Viñolís2, Olga Madridano3, Ana López Parra3, Pilar Llamas Sillero6, Jesús Frias1,2, 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

Sunday 25 June
**Complutense University of Madrid, Spain**
**Fundación Jiménez Díaz University Hospital, Madrid, Spain**

**Innate immune genetic markers predict postoperative morphine consumption in an ethnicity-dependent manner**
Andrew Somogyi\(^1\), Daniel Barratt\(^1\), Ene-Choo Tan\(^2\), Alex Sia\(^2\)
University of Adelaide, Adelaide Medical School, Australia
KK Women’s and Children’s Hospital, Singapore

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**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 Matthey\(^1\), Youssef Daali\(^1\), William Ralvenius\(^2\), Hanns Urlich Zeilhofer\(^2,3\),
Jules Desmeules\(^1\), Marie Besson\(^1\)
Geneva University Hospitals, Switzerland
University of Zurich, Switzerland
Swiss Federal Institute of Technology (ETH) Zurich, Switzerland

Mortality related to benzodiazepines or other psychotropic drugs in patients with cancer
Berangere Baricault\(^1,2\), Aurore Palmaro\(^1,2\), Maryse Lapeyre-Mestre\(^1,2\)
Université de Toulouse, France
UMR INSERM 1027, France

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**17:00 to 18:30**
**Room Zenit**

**e-HEALTH**

**Chairs:**
Jan Strojil, Palacky University Olomouc, Czech Republic
Ylva Böttiger, Linkoping University, Sweden

**Speakers:**
Digital health technologies in hospital medicines management (30 min.)
Jamie Coleman, University of Birmingham, UK

Decision support systems for medicines – paths for the future (30 min.)

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**Sunday 25 June**
Birgit Eiermann, Karolinska Institutet, Sweden

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

Do electronic prescribing systems in English hospitals support antimicrobial stewardship? An analysis of ‘start smart – then focus’ functionality  
Imun Madar¹, Jamie Coleman¹, Ann Slee², Sarah Pontefract¹  
University of Birmingham, United Kingdom  
NHS England, London, United Kingdom

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  
University of Otago, New Zealand

17:00 to 18:30  
Room Nadir

BIOMARKERS AND PRECISION MEDICINE

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

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

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 Valik, 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

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, Supreeta Biswas, Basabdatta Samanta-Mukhopadhyay  
Burdwan Medical College, India

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  

**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

Challenges and solutions for policy makers for access to medicines (20 min.)
Jozef Glasa, Slovak Medical University in Bratislava, Slovakia

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, 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 Vos2, Johanne Groothuismink1, Hans Gelderblom2, Henk-Jan Guchelaar2, Maroeska te Loo1, 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

**ANTI-INFECTIVES**

**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 Crémieux⁹, 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 (Exhibition Area) – GUIDED POSTER SESSION 3

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-Rojas³, María 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
Clinica 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 Blaise²³, 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
Hospices Civils de Lyon, France
University of Alberta, Edmonton, Canada

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
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 Dolezal, 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.)
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, Minkyung Oh¹, Eun-Young Kim¹, 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 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
Martin Bauer¹, Rudolf Karch¹, Beatrix Wulkersdorfer¹, Wolfgang Wadsak¹, Marcus Hacker¹, Markus Zeitlinger¹, Oliver Langer¹,²
Medical University of Vienna, Austria
AIT Austrian Institute of Technology GmbH, Austria

Bioequivalence studies of highly variable drugs - an example of Itraconazole
Viktorija Dragojevic-Simic¹, Aleksandra Kovacevic¹, Nemanja Rancic¹, Vesna Jacevic¹, Snezana Djordjevic¹, Vesna Kilibarda³, Zoran Segrť¹, 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-Veyret¹,²,³, Sebastien Chanoine¹,³, Hélène Pluchart¹,³, Julia Tonini³, Xavier Fonrose³, Christophe Pison¹,³, Pierrick Bedouch¹,³, Françoise Stanke-Labesque¹,²,³
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 Hammas1,2, Noureddine Hamitouche1, Clément Palpacuer1,2, Fabrice Lainé3, Eric Bellissant1,2, Bruno Laviolle1,2
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, Derlis Gonzalez2, Marcia Torresan3, Daniel Bar4, Amalia Florez5, Alexandra Paravisini5, Francisco Fernandez5, Susana Millan5
Instituto Nacional de Cancerología, Tlalpan, Sección XVI, Mexico DF, Mexico
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 Doogue1,2, Amanda Crawford1, Hayleigh Miller1, Philip Drennan2, QianYi Chuah2, Matthew Strother1,2, Paul Chin1,2
University of Otago, Christchuch, 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

17:00 to 18:30
Room Nadir
SYMPOSIUM
Therapeutic Drug Monitoring - MS-based approaches at the University Hospital of Vienna

Speaker:
Thomas Stimpfl, Medical University - General Hospital of Vienna, Austria
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, EuroDURG, 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

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
Presentation of winners of EPHAR/EACPT young translational investigation award

CLOSING CEREMONY

Chairs: Tabassome Simon, Ylva Böttiger

Tuesday 27 June