

EPASG

ESCMID PK/PD
OF ANTI-INFECTIVES
STUDY GROUP

European Society of Clinical Microbiology and Infectious Diseases



Join EPASG

Open to all who has an interest in PKPD of anti-infectives

How to join:

1. Become member of ESCMID (any member category)
2. Log in and join EPASG (no additional membership fee)

Questions? – Contact us, see contact information below.

Highlights 2015

Workshops and courses:

- Improving the dosage of old antibiotics. Warsaw, Poland, 19-21 Nov 2015.
- Representation at EMA organized Workshop on the use of pharmacokinetics and pharmacodynamics in the development of antibacterial medicinal products. London, UK, 12-13 Nov 2015.
- Moving antimicrobial stewardship forward in special population settings. Ferney Voltaire, France, 24-25 Sep 2015.

Publications:

- Solé-Lleonart C. et al. Global survey on nebulization of antimicrobial agents in mechanically ventilated patients: a call for international guidelines. *Clin Microbiol Infect.* 2015 Dec 23.

Other activities:

- Three study grant approvals with the intention to foster collaborations and help mentoring of young investigators who wish to spend time in a laboratory providing complementary education/training.
- Comments submitted for EMA Guideline on the use of pharmacokinetics and pharmacodynamics in the development of antibacterial medicinal products.

Activites 2016

Workshops and courses:

- Population Modelling and Dose Optimization with Pmetrics and BestDose: Antimicrobial Applications. 13-15 April 2016, Lyon, France.
- Individualized Medicine in Infectious Diseases: a Practical Approach. 3-4 June 2016, Tübingen, Germany.
- Virulence and Resistance in *Staphylococcus aureus*: 2016 State of the Art. 28 June–1 July 2016, Lyon, France.
- Antimicrobial Susceptibility Testing and Surveillance: from Laboratory to Clinic. A EUCAST, ESGARS and EPASG Perspective. 20-23 September 2016, Bochum, Germany.
- Antimicrobial resistance in microbial biofilms and options for treatment. 5-7 Oct 2016, Gent, Belgium.

EPASG Highlights @ ECCMID 2016:

- Sat 9 April, 08:45 - 10:45, Hall J, Educational Workshop, Translating PK/PD concepts into the clinics.
- Sun 10 April, 14:30 - 15:30, Hall F, 1-hour Symposium, CNS distribution of antimicrobial agents revisited.
- **Mon 11 April, 1:15-14:15. Annual EPASG meeting, room E106/107**

Objectives

- Encourage the study and advancement of the science of **pharmacodynamics, pharmacokinetics** and the dosing of anti-infectives.
- Contribute to studies about prevention of development of **resistance**.
- Provide a united European **forum** for scientists and health care providers actively involved in this area.
- Promote **awareness** of the importance of exposure/effect relationships and thus optimal dosing for efficacy, clinical outcome and resistance prevention.
- Provide an opportunity for **training** and encouragement of scientists/physicians and related groups by means of scientific **communication** at conferences, educational workshops, special symposia, and publications.
- Offer advice and the opportunity for **sharing expertise** among countries, other ESCMID study groups and international societies as well as regulatory agencies and other government authorities, e.g. EMEA.

Committee members

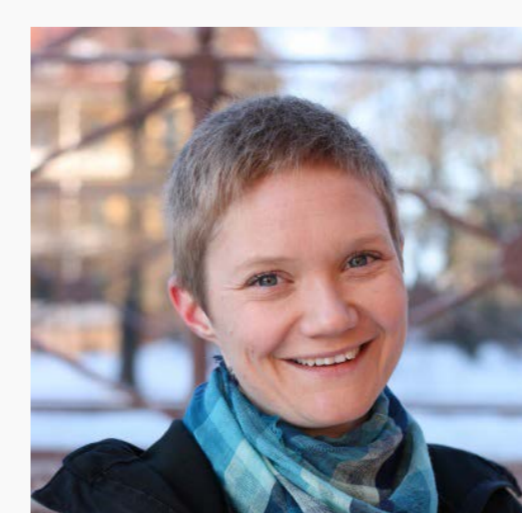
Board members (2014-)



William Couet (France) – Chair
william.couet@univ-poitiers.fr
Main Research focus: Tissue distribution and PKPD modelling of antibiotics.



Jason Roberts (Australia) - Secretary
j.roberts2@uq.edu.au
Main Research focus: Optimization of antibiotic dosing in the critically ill.



Elisabet Nielsen (Sweden) - Treasurer
elisabet.nielsen@farmbio.uu.se
Main Research focus: Mechanism-based PKPD modelling of antibiotics.

Advisor: Ursula Theuretzbacher (Austria)

Inaugural committee (Funded 2010):

Otto Cars (Sweden), Nils Frimødt-Møller (Denmark), Alisdair MacGowan (United Kingdom), Johan Mouton (the Netherlands), Ursula Theuretzbacher (Austria), Paul Tulkens (Belgium)