## 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-)

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

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

**Tresurer:** Elisabet Nielsen (Sweden)
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)

## Highlights 2014

### Workshops and courses:
- Infection Management in the Elderly: Room for Improvement, Oct 2014, Annecy, in conjunction with ESCMID Study Group ESGIE.
- Bringing PK and PD in Fungal Infections into the Clinic, Jul 2014, Nijmegen, in conjunction with ESCMID Study Group EFISG.

### Publications:

## Activites 2015

### Workshops and courses:
- Moving antimicrobial stewardship forward in special patient populations, Oct 2015, Ferney-Voltaire, France
- Improving the Dosage of Old Antibiotics, 29 Nov - 1 Dec 2015, Nijmegen, Netherlands

### EPASG Study Grant – New!!
The grant is intended to foster collaboration across laboratories and help mentoring of young investigators who wish to spend some time in a laboratory that can provide additional education/training that is not available locally.

### EPASG @ ECCMID 2015
- Sat 25 April, 11:00-13:00. Educational Workshop: Basic concepts of pharmacokinetics and pharmacodynamics.
- Sat, 25 April, 16:30-18:30. Symposium: Resurrecting old antimicrobial agents.
- Sun 26 April, 14:30-15:30. Symposium: Can PK/PD provide all the answers for breakpoints & antibiotic dosing? Pro-Con Debate.
- Sun 26 April, 18:15-19:15. Hall M. EPASG Business Meeting
- Mon 27 April, 7:45-8:45. Meet-the-Expert: How to adapt dosing in critically ill patients.
- Tue 28 Apr, 7:45-8:45. Meet-the-Expert: How to organise and implement antimicrobial therapeutic drug monitoring.
- Tue 28 Apr, 9:00-11:00. Symposium: Cutting-edge issues in translational pharmacodynamics and personalised antimicrobial therapy.

## Join EPASG
EPASG is open to all who are interested 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)