



# EPASG

ESCMID PK/PD  
OF ANTI-INFECTIVES  
STUDY GROUP

European Society of Clinical Microbiology and Infectious Diseases



## 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 (since 2018)

Chair:



Markus Zeitlinger (Austria)  
markus.zeitlinger@meduniwien.ac.at  
Main Research focus: Tissue distribution and early clinical development of antibiotics.

Secretary:



Thomas Tängdén (Sweden)  
thomas.tangden@medsci.uu.se  
Main Research focus: Optimal dosing and antibiotic combination therapy.

Treasurer:



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

### Executive committee :

William Couet (France), Joseph Meletiadis (Greece), Elisabet Nielsen (Sweden), Leonardo Pagani (Italy), Ursula Theuretzbacher (Austria), Sebastian Wicha (Germany)

## Highlights 2018/2019

### Past Workshops and courses:

- Anti-Infective PK/PD - Integrating Knowledge and Innovating Therapies. April 2017, Vienna, Austria

### Publications:

Comment on Concept paper on preparation of a revised guideline on the evaluation of medicinal products indicated for treatment of bacterial infections (EMA/CHMP/75653/2018)

### Study grants:

- Study Group Research Grant awarded for the 2018: "Screening anti-fungal exposure in intensive care unit" (Jason Roberts)

### Travel grants:

- Dr Sonia Luque (Barcelona, Spain) to Wiliam Hope (Liverpool)
- Dr Clement Boidin (Lyon, France) to Jason Roberts (Brisbane)
- Dr Panagiota Christina Georgiou (Athens, Greece) to Francoise van Bambeke (Brussels)

### Workshops and courses 2019:

- Optimised dosing of antibiotics – understanding PK/PD, clinical breakpoints and therapeutic drug monitoring. 11-12 April 2019, Rotterdam, Netherlands, organized by EPASG.

- New approaches for precision antimicrobial therapy. 16-18 April 2019, organized by ICOHAR with participation of EPASG

## Activites 2019

### EPASG @ ECCMID 2019

Saturday, 13 April: EW013 - Applying pharmacokinetic/ pharmacodynamic principles in critically-ill patients

Sunday 14 April 2019 SY106 - Optimising antimicrobial use in children: not small adults!

### EPASG Business meeting:

**Monday 15 April, from 08:00 to 10:00**

**Location: Room G106/107**

## Join EPASG

### Open to all who has an interest in PK/PD 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!