PK-PD Expert sought for the EUCAST Steering Committee

Due to the increasing number of proposals of new antimicrobials requesting marketing authorisation and the increasing pace of reviewing existing breakpoints, the EUCAST Steering Committee is seeking to expand its expertise in pharmacokinetics-pharmacodynamics as it relates to susceptibility testing and clinical breakpoint setting. The ideal candidate for this additional expert will have most, or all, of the characteristics listed below.

Applications are sought by interested parties to fill this position. Time commitments include five one-and-a-half-day meetings per year at a range of European destinations, review time for agenda papers, contribution to the development of some EUCAST documents and the drafting, from time-to-time, of consultation documents. Travel and accommodation costs for Steering Committee meetings are covered by EUCAST.

Desirable characteristics

- general understanding of clinical infection and antibacterial therapeutics
- understanding of the laboratory role and practical experience of antimicrobial susceptibility testing and its role in patient management
- understanding of mechanisms of bacterial resistance, its assessment and clinical impacts
- an in-depth understanding of the use of pre-clinical pharmacokinetic/dynamic methods in terms of their use, expected outputs and the employment of these outputs. In particular experience with the use of preclinical in vitro and animal models.
- an in-depth understanding of antibacterial pharmacokinetics in animals and humans including the importance and drawbacks of population PK models, protein binding, changes in excretory function and pharmacokinetic changes resultant from infection and other disease states
- an understanding of the mathematical tools used to assess antibacterial pharmacokinetics/dynamics – for example, Monte Carlo simulation, including the assessment of beta-lactamase inhibitor combinations
- an understanding of the use of clinical trials in informing laboratory based antimicrobial testing and establishing clinical pharmacokinetic/dynamic relationships
- an understanding of the regulatory and drug development environment surrounding studies on antibacterials
- an ability to present complex data in an understandable manner suitable to the audience
- fully developed oral and written communication skills
- experience of working in groups in co-operative and considerate manner
- an international profile as evidenced by invited lectures, publications or research grants in the area of anti-infective pharmacokinetics/dynamics
- preferably based in Europe
- restrictions on commercial ties*

* EUCAST Steering Committee members Conflicts of interest. The members of the EUCAST executive (Chair, Scientific Secretary and Clinical Data Coordinator) are, under no circumstances, employees of pharmaceutical companies or members of industrial advisory boards. Other members of the EUCAST Steering Committee cannot be employees of pharmaceutical or device manufacturing companies but may at times be temporarily engaged as advisors for industry on strategic matters during the development of new agents. When this occurs, they are not allowed to be part of deliberations or decisions related to the agent and will not receive any materials provided by companies for these discussions. This rule does not apply to situations where advice of a purely technical nature is given (e.g. susceptibility testing methodology, population modelling) as companies are encouraged to ask for such advice.
Applications

Applications should include:

- A one-page summary of
  a. reasons for interest in the position
  b. qualifications
  c. relevant experience including major publications in the area
- An up-to-date CV
- List of the 10 most relevant publications including short description of contribution

Applications should be submitted to: Prof. Christian Giske, EUCAST Chair, christian.giske@sll.se

Due date for applications: June 30, 2019