



# ESGIB

## ESCMID STUDY GROUP FOR INFECTIOUS DISEASES OF THE BRAIN

### European Society of Clinical Microbiology and Infectious Diseases

#### History of ESGIB:

The group was founded 2007 as “ESCMID Meningitis Study Group” (EMESG), expanding in 2013 to cover all infectious diseases of the brain.

At the general assembly of EMESG 2012 the decision has been taken to broaden up the topic of EMESG from meningitis to include other infectious diseases of the central nervous system. To this end we have joined forces with colleagues interested in encephalitis to form a new study group called ESCMID Study Group for Infectious Diseases of the Brain (ESGIB).

#### Mission & Objectives

Infectious diseases of the brain are life threatening diseases; this is particularly true for encephalitis and meningitis, the most common serious manifestation of infection of the brain that often have a disastrous outcome. A significant fraction of emerging pathogens present as a neurological infection. Guidelines are needed for an improvement of medical as well as microbiological management. Physicians are not aware enough about long term sequelae and so there is an unmet need for educational programs. The group has for aim to support research (clinical as well as microbiological), to provide guidelines and educational programmes.

#### Objectives

The objective of ESGIB is to promote and disseminate studies and knowledge on Infectious Diseases of the Brain. A multidisciplinary approach is necessary including scientists from clinical and molecular microbiology, neurology and infectious diseases. It is, therefore, the objective of the ESGIB to facilitate cooperation between these disciplines.

#### Interested in joining ?

Contact: [mro5@leicester.ac.uk](mailto:mro5@leicester.ac.uk)

Please come to the ESGIB General Assembly/Business Meeting:

Sunday, 26.04.2015 13.15 h 14.15 h Room 19

#### Activities in 2014/2015

**Guidelines for diagnosis and treatment of bacterial meningitis:** The first meeting took place in October 2013 where the key questions to be answered for the guideline were defined and divided among the committee members. A research fellow did the search through the literature in the first months of 2014 for 2–3 months and performed the PICO searches, selected the literature and graded the evidence. The identified answers were discussed during ECCMID 2014 in Barcelona, when consensus was reached for all major recommendations. The first draft of the guideline was distributed to the committee members in Sept 2014. The first round of comments was provided by November 2014. The next draft is expected to be finished in December, after which the committee and the ESCMID guideline director will be able to provide comments to form a final draft. The proposed guideline will be offered to ESGIB members for comments, after which a finalized version will be submitted to ESCMID. A shortened version of the guideline will be submitted for publication in CMI. The presentation of the guideline is scheduled during the 2015 ESGIB Business meeting

#### Acute infectious encephalitis: challenges in clinical and biological diagnosis

*October 2014 29th – 31st, Grenoble, France*

Jointly organized by ESGIB, the French Infectious Diseases Society (SPILF), and the Grenoble University.

*Objectives:* To know the epidemiology of acute infectious encephalitis in Europe and other travel destinations; distinguish between infectious encephalitis and infectious-mimicking encephalitis; understand pathophysiology of acute infectious encephalitis; be able to propose an appropriate biological and imaging diagnosis management; manage unusual or rare infectious encephalitis; propose an appropriate treatment for an acute infectious encephalitis

The faculty members were from France, Germany, Sweden, and UK. The course was attended by 33 participants (11 ESCMID grants). Participants were from 23 countries including Asia, Africa, USA, Australia, Japan, Middle East and European countries. Additional local attendees were 13.

**Upcoming Activities:** Will be discussed and planned during the ESGIB General Assembly/Business Meeting: Join the discussion and promote your ideas!