ECMM/ISHAM Working group
Fungal respiratory infections in Cystic Fibrosis (Fri-CF)

F. Symoens, C. Schwarz, JP. Bouchara and A. Alastruey-Izquierdo
The ECMM/ISHAM Working group *Fungal respiratory infections in Cystic Fibrosis*

Approved by ISHAM council in 2006, and ECMM council in 2011. Will be approved by European Cystic Fibrosis Society in the next weeks

106 members today (France, UK, Germany, Austria, Norway, Sweden, Poland, Czech Republic, Slovenia, Spain, Italy, USA, Australia)

- Clinicians
- Microbiologists
- Mycologists involved in patient management

Basic and Applied research on the biology and ecology of the causative agents of these infections

**Convenors**: Jean-Philippe Bouchara, Françoise Symoens, and Andrew Borman

New convenors proposal for ECMM council aproval: Jean-Philippe Bouchara, Françoise Symoens, Carsten Schwarz and Ana Alastruey-Izquierdo
The ECMM/ISHAM Working group *Fungal respiratory infections in Cystic Fibrosis*

- Four meetings
  - 2009 (Angers, France)
  - 2011 (Angers, France)
  - 2014 (Angers, France)
  - 2017 (Osuna, Spain)

- Mycopathologia special issue (24 reviews or original articles)

- Paper in Medical mycology special issue: “Developing collaborative works for faster progress on fungal respiratory infections in cystic fibrosis”
Collaborative works

• Diagnosis of fungal respiratory infections in CF
  – Epidemiological studies (A. terreus, Scedosporium spp., Rasamsonia spp.)
  – Standardization of culture protocols for mycological examination of sputum

• Scedosporium genome sequencing project

• Pathogenesis of the airway colonization by Scedosporium species

• Rasamsonia argillacea species complex survey

Guidelines in France
Two multicenter studies
• France (MUFCO-FONG)
• Europe + Australia (MFIP study)

Genomes published:
S. apiospermum (2014)
S. aurantiacum (2015)
S. boydii (2017)
To be published in next months:
S. minutisporum and S. dehoogii

Proteomics and functional genomics
150 cases identified (collaborative paper to be written)

Sunday 08/10/17 17:15-17:25 Baltic/Aegean