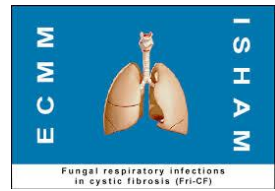


ECMM/ISHAM Working group Fungal respiratory infections in Cystic Fibrosis (Fri-CF)

**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)

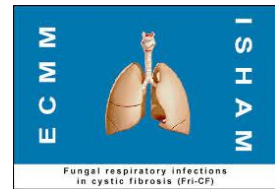
- Clinicians
- Microbiologists
- Mycologists involved in patient management

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 approval: 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
 - Epidemiological studies (*A. terreus* spp., *Rasamsonia* spp.)
 - Standardization of culture protocols for mycological examination of sputa
- *Scedosporium* genome sequencing
- Pathogenesis of the airway colonization by *Scedosporium* species
- *Rasamsonia argillacea* species complex survey

Guidelines in France

Two multicenter studies

- France (MUCO-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)