

## **2<sup>nd</sup> Duden Conference / 1<sup>st</sup> ISHAM-ECMM Aspergillus Resistance Surveillance (ARS) working Group meeting**

On January 20<sup>th</sup> and 21<sup>st</sup> 2017 the first ARS-WG meeting was held in Berg en Dal, a village close to Nijmegen, in the Netherlands. The ARS-WG was initiated because of increasing reports of azole resistance in *Aspergillus fumigatus* and the implications for patient management. The meeting was held to present the latest insights in azole resistance, including epidemiology, methodology, laboratory aspects of azole resistance testing and genetic typing. During the program there was ample opportunity to discuss within the group which research questions are important to study going forward as well as what research questions are feasible through collaboration within the ARS-WG.

The meeting was attended by 43 participants from 15 countries (France, Belgium, Spain, Germany, the Netherlands, Denmark, Italy, Portugal, Switzerland, United Kingdom, Ireland, USA, Iran, China, and India) and was highly successful. Many participants appreciated the possibility to meet other investigators and to discuss mutual research interests. The meeting was very productive as we were able to set a research agenda for the ARS-WG and provide a forum for introduction of interested parties to establish future working collaborations.

The presentations are available through: [www.e-materials.com/isham-ecmm2017](http://www.e-materials.com/isham-ecmm2017); access code is ISHAM531



January 23<sup>rd</sup>

Paul Verweij, Katrien Lagrou, Anuradha Chowdhary, Shawn Lockhart and Jacques Meis

## **PROGRAMME**

### **Friday, 20 January 2017**

09:00 – 09:20 Welcome and Introduction – P. Verweij, J. Meis

09:20 – 09:40 Epidemiology of azole resistance in *Aspergillus*: a literature review – A. Chowdhary

09:40 – 10:30 Epidemiology of azole resistance in *Aspergillus*: personal observations and discussion (1) – All

#### **10:00 – 10:30 break**

11:00 – 11:20 Definitions of invasive aspergillosis and outcome measures – O. Cornely

11:20 – 11:40 Diagnosis of azole resistance and pitfalls – K. Lagrou

11:40 – 12:00 Discussion

#### **12:00 – 13:30 Lunch**

13:30 – 13:50 How to do surveillance and measure prevalence of resistance. A. Alanio

13:50 – 14:10 Data collection – the CDC experience. - S. Lockhart

14:10 – 14:30 Azole resistance mechanisms and role of WGS – M. Fisher

14:30 – 15:00 Discussion

#### **15:00 – 15:30 break**

15:30 – 15:50 Environmental habitats and resistance hot spots – J. Zhang

15:50 – 16:10 Epidemiology of azole resistance in *Aspergillus*: personal observations (2) - All

16:10 – 17:00 General discussion: relevant issues for ARS programs

#### **18:00 – 20:00 Dinner**

20:00 – 21:30 Introduction to ISHAM/ECMM *Aspergillus* Resistance Surveillance working group P. Verweij / S. Lockhart / K. Lagrou / A. Chowdhary

### **Saturday, 21 January 2017**

09:00 – 10:30 Workshop surveillance – K. Lagrou / S. Lockhart / A. Chowdhary

#### **10:30 – 11:00 break**

11:00 – 12:00 Study protocol azole resistant *A. fumigatus* (Europe)- O. Cornely /P. Verweij

12:00 – 12:30 Discussion – All

12:30 – 13:00 Closure / farewell / Any other business

#### **13:00 – 14:00 Lunch**