



8th ADVANCES AGAINST ASPERGILLOSIS

Lisbon, Portugal

1 - 3 February 2018

Lisbon Congress Centre



PROGRAMME

DAY 1: Thursday 1 February

Meet the Professor

- 08.00 – 08.50 ***Aspergillus* immunology and inflammation**
Teresa Zelante, PhD
- 08.00 – 08.50 **Challenging cases in fungal asthma**
Ritesh Agarwal, MD DM
- 09.00 – 09.15 **Introduction and summary of global disease burden**
David W. Denning, MBBS

Optimizing Anti-*Aspergillus* Therapy

- 09.20 – 09.45 **Can we reduce fungal empiricism?**
Dimitrios P. Kontoyiannis, MD
- 09.45 – 10.00 Selected abstract presentation
- 10.00 – 10.15 Selected abstract presentation
- 10.15 – 10.30 Selected abstract presentation
- 10.30 – 10.55 **Managing fungal breakthrough infections**
Livio Pagano, MD
- 10.55 – 11.25 ***Coffee Break***

Drivers of the Immune Response

- 11.25 – 11.50 **Why are NK cells important for defense against *Aspergillus*?**
Thomas Lehrnbecher, MD
- 11.50 – 12.05 Selected abstract presentation
- 12.05 – 12.20 Selected abstract presentation
- 12.20 – 12.35 Selected abstract presentation
- 12.35 – 13.00 **The key T cell repertoire required for protection against invasive aspergillosis**
Alexander Scheffold, PhD



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13.00 – 14.30 **Lunch and Poster Session 1**

Therapy for the Next Decade

- 14.30 – 14.55 **Tissue penetration of antifungals**
Yanan Zhao, PhD
- 14.55 – 15.10 Selected abstract presentation
- 15.10 – 15.25 Selected abstract presentation
- 15.25 – 15.50 **Broad spectrum triazoles: which drug and when?**
Martin Hönigl, MD

15.50 – 16.20 **Coffee Break**

Aspergillus: Entering the Host and Beyond

- 16.20 – 16.45 **Intermicrobial interactions with *Aspergillus* for survival in the airway**
Gabriele Sass, PhD
- 16.45 – 17.00 Selected abstract presentation
- 17.00 – 17.15 Selected abstract presentation
- 17.15 – 17.40 **Recent advances in diagnosis and treatment of allergic aspergillosis**
Richard B. Moss, MD

17.40 – 18.45 **Welcome Reception**



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DAY 2: Friday 2 February

Meet the Professor

- 08.00 – 08.50 **Genetics of aspergillosis**
Agostinho Carvalho, PhD & Paul Bowyer, PhD
- 08.00 – 08.50 **How to make a fast diagnosis**
Cornelia Lass-Flörl, MD PhD
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Airways and Disease

- 09.00 – 09.25 **How human factors regulate *Aspergillus* colonization in fungal allergy**
Sara Gago, PhD
- 09.25 – 09.40 Selected abstract presentation
- 09.40 – 09.55 Selected abstract presentation
- 09.55 – 10.10 Selected abstract presentation
- 10.10 – 10.35 **Why and when aspergillosis first appears in cystic fibrosis patients?**
Adilia Warris, MD PhD
- 10.35 – 11.00 **Coffee Break**
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Challenges for the Diagnostic Lab

- 11.00 – 11.25 **Why are so many cases of invasive aspergillosis missed?**
Olivier Lortholary, MD PhD
- 11.25 – 11.40 Selected abstract presentation
- 11.40 – 11.55 Selected abstract presentation
- 11.55 – 12.20 **Is phenotypic identification only to species complex acceptable?**
Ana Aalstruey-Izquierdo, PhD
- 12.20 – 14.00 **Lunch**
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Top 6 *Aspergillus* Papers of Last Year
Andreas H. Groll, MD and Nir Osherov, PhD

Social Event, followed by Conference Dinner



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DAY 3: Saturday 3 February

Meet the Professor

- 08.00 – 08.50 **News from the Chronic Aspergillosis Group**
Helmut Salzer, MD
- 08.00 – 08.50 **Dormancy and germination in *Aspergillus***
Michelle Momany, PhD
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Resistance in *Aspergillus*

- 09.00 – 09.25 **Mechanisms of non-CYP51 azole resistance**
Ling Lu, PhD
- 09.25 – 09.40 Selected abstract presentation
- 09.40 – 09.55 Selected abstract presentation
- 09.55 – 10.10 Selected abstract presentation
- 10.10 – 10.35 **Global epidemiology of azole resistance in *Aspergillus***
Anuradha Chowdhary, MD PhD
- 10.35 – 11.05 ***Coffee Break***
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Basic Science Discovery and Mechanism

- 11.05 – 11.30 **NMR & EM of biofilm and extracellular matrix**
Lynette Cegelski, PhD
- 11.30 – 11.45 Selected abstract presentation
- 11.45 – 12.00 Selected abstract presentation
- 12.00 – 12.15 Selected abstract presentation
- 12.15 – 12.40 **Viruses of fungi, with a focus on *Aspergillus***
Wendy Laureijssen-van de Sande, PhD
- 12.40 – 14.10 ***Lunch and Poster Session 2***



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Mucormycosis Update

- 14.10 – 14.35 **Contrasts between mucormycosis and aspergillosis in leukemia**
Nikolai Klimko, MD PhD
- 14.35 – 15.00 **Update of Mucorales genus and species**
Kerstin Voigt, PhD
- 15.00 – 15.15 Selected abstract presentation
- 15.15 – 15.30 Selected abstract presentation
- 15.30 – 15.55 **Pathogenesis of mucormycosis**
Ashraf Ibrahim, PhD
- 15.55 – 16.25 ***Coffee Break***

Risks for *Aspergillus*-Related Diseases

- 16.25 – 16.50 **Why does ibrutinib carry a risk of cerebral aspergillosis?**
Georgios Hamilos, PhD
- 16.50 – 17.05 Selected abstract presentation
- 17.05 – 17.30 **Occupational exposures and diseases**
Raquel Sabino, PhD
- 17.30 – 17.45 Selected abstract presentation
- 17.45 – 18.10 **The human lung and *Aspergillus*: you are what you breathe in?**
Malcolm Richardson, PhD
- 18.10 – 18.15 ***Closing***
- 18.25 Snacks and Discussion about AAA 2020