

JOINT MEETING

**Invasive Mycoses in Hematological Malignancies IV
IMIHM IV**

&

**Development of Novel Management Strategies for
Invasive Aspergillosis
MANASP**

**Freitag, 12. März 2010
14:00 - 18:30 Uhr**

**Universitätsklinikum Würzburg
Hörsaal I, Zentrum für Innere Medizin**



Invasive fungal diseases (IFD) are common causes of morbidity and mortality in an increasing variety of patients, including those in critical care, patients being treated for haematological malignancies, after solid organ transplantation, neonates, severely burned patients as well as in patients with AIDS. The annual cost of treating IFD in Europe is currently estimated to be in excess of one hundred million Euros. In-hospital stays for patients with IFD have been found to be significantly longer than in patients without IFD, and for invasive aspergillosis, costs have been estimated to be 75000 Euros higher per patient. These numbers underline the medical and socio-economic relevance of IFD.

At this year's IMIHM, we present again numerous experts in the field of invasive aspergillosis; and in addition, one session includes different aspects of invasive candidiasis. Again, the programme covers a variety of aspects, including pathogenicity, diagnosis and treatment of these important infections.

See you in Wuerzburg!

Professor Dr. H. Einsele



PD Dr. J. Löffler



Professor Dr. T. Rogers



Dr. O. Kurzai



PD Dr. S. Krappmann



Dr. W. Heinz





13:00 Press conference with Hermann Einsele (coordinator of the MANASP consortium), Juergen Loeffler (manager of the MANASP consortium) and Tom Rogers, Trinity College Dublin

14.00 Matthias Frosch, Dean of the Medical Faculty, Wuerzburg, Welcome

**Session 1:
Invasive Aspergillosis I, Chair: Juergen Loeffler**

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| 14:10 | Tom Rogers, Dublin | Invasive aspergillosis, an introductory overview |
| 14:30 | Lewis White, Cardiff | PCR-based diagnosis of invasive aspergillosis |
| 14:50 | Susanne Perkhofer, Innsbruck | The interaction of human platelets and <i>Aspergillus fumigatus</i> |
| 15:10 | Elaine Bignell, London | Sensing and adapting to the mammalian host a global view of the <i>Aspergillus fumigatus</i> infectious transcriptome |

15:30 Coffee Break

**Session 2:
Invasive Aspergillosis II, Chair: Hermann Einsele**

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| 15:50 | Olaf Kniemeyer, Jena | Immunoproteomics in sera from patients with invasive aspergillosis |
| 16:10 | Alexander Scheffold,
Bergisch Gladbach | MANASP, latest efforts and results of Miltenyi Biotec |
| 16:30 | Andrew Ullmann, Mainz | Current therapy of IA |

16:50 Coffee Break

**Session 3:
Invasive candidiasis, Chair: Joachim Morschhäuser**

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|-------|----------------------------|---------------------------------------------------------------|
| 17:10 | Oliver Kurzai, Jena | Invasive candidiasis, an introductory overview |
| 17:30 | Martin Schaller, Tübingen | Innate and adaptive immunity during <i>Candida</i> infections |
| 17:50 | Wemer Heinz, Würzburg | Current treatment of invasive candidiasis |
| 18:10 | Hermann Einsele, Wuerzburg | Closing Remarks |



Speakers:

- Prof. Dr. Elaine Bignell, Department of Microbiology, Imperial College London, London, United Kingdom
- Prof. Dr. Hermann Einsele, University Hospital Wuerzburg, Department of Internal Medicine II, Wuerzburg, Germany
- Prof. Dr. Matthias Frosch, University of Wuerzburg, Institut fuer Hygiene und Mikrobiologie, Wuerzburg, Germany
- Dr. Werner Heinz, University Hospital Wuerzburg, Department of Internal Medicine II, Wuerzburg, Germany
- Dr. Olaf Kniemeyer, Leibniz-Institut für Naturforschung und Infektionsbiologie, Jena, Germany
- PD Dr. Sven Krappmann, Research Center for Infectious Diseases, Julius-Maximilians-University, Würzburg, Germany
- Prof. Dr. Oliver Kurzai, Leibniz-Institut für Naturstoff-Forschung und Infektionsbiologie (HKI), Jena, Germany
- PD Dr. Juergen Loeffler, University Hospital Wuerzburg, Department of Internal Medicine II, Wuerzburg, Germany
- Prof. Dr. Joachim Morschhäuser, Research Center for Infectious Diseases, Julius-Maximilians-University, Wuerzburg, Germany
- Dr. Susanne Perkhofer, Medizinische Universität Innsbruck, Sektion für Hygiene und Medizinische Mikrobiologie, Innsbruck, Austria

- Prof. Dr. Tom Rogers, Trinity College, Department of Clinical Microbiology, Dublin, Ireland
- Prof. Dr. Martin Schaller, Universitäts-Hautklinik, Universität Tübingen, Tübingen, Germany
- Dr. Alexander Scheffold, Miltenyi Biotec GmbH, Bergisch Gladbach, Germany
- Prof. Dr. Andrew Ullmann, III. Medizinische Klinik und Poliklinik der Johannes Gutenberg-Universität, Mainz, Germany
- Dr. Lewis White, University Hospital of Wales, NPHS Microbiology, Cardiff, UK



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