

## BMFZ-MEETING in Düsseldorf, June 17, 2010

### “FUTURE CHALLENGES IN BIOLOGICAL AND MEDICAL RESEARCH - EVOLUTION, AGING AND DISEASE”

#### Program

9.00 h	<b>Welcome</b>	Hans M. Piper, Rector, Düsseldorf, Guido Reifenberger, Düsseldorf
	<b>Session I</b>	Chair: Cornelis Hollenberg, Düsseldorf
9.10 h	<b>The cost and benefit of genes in mitochondria</b>	John F. Allen, London, UK
9.50 h	<b>Why sexes, speciation, fertility and ageing are all linked: the implications for treating age-related disease</b>	Nick Lane, London, UK
10.30 h	<b>Human diseases caused by evolutionary transfer of mitochondrial DNA to the nucleus</b>	William Martin, Düsseldorf
10.50 h	<b>Coffee Break</b>	
	<b>Session II</b>	Chair: Guido Reifenberger, Düsseldorf
11.20 h	<b>From TH1 to TH22: will one of them be found guilty to mediate neuroinflammation?</b>	Burkhard Becher, Zürich, Switzerland
12.00 h	<b>The nature of multiple sclerosis</b>	Alastair Compston, Cambridge, UK
12.40 h	<b>New therapies for multiple sclerosis - targeting the immune and nervous system</b>	Hans-Peter Hartung, Düsseldorf
13.00 h	<b>Presentation of the Ulrich-Hadding Research Award 2010</b>	Lutz Schmitt, Vice Rector for Research, Düsseldorf
13.15 h	<b>Lunch Break</b>	
	<b>Nobel Laureate Lecture</b>	Chair: Ulrich Hadding, Düsseldorf
14.45 h	<b>Prevention of common human cancers</b>	Harald zur Hausen, Heidelberg
15.45 h	<b>Coffee Break</b>	
	<b>Session III</b>	Chair: Arndt Borkhardt, Düsseldorf
16.15 h	<b>Cancer stem cells and tumor development</b>	Brigitte Royer-Pokora, Düsseldorf
16.35 h	<b>Stem cell therapies for diabetes mellitus</b>	Júlio C. Voltarelli, São Paulo, Brazil
17.15h	<b>Mitochondrial dysfunction in diabetes mellitus</b>	Michael Roden, Düsseldorf
17.35 h	<b>Constructing the pipelines of life: Blood vessel formation in the mouse embryo</b>	Eckhard Lammert, Düsseldorf
17.55 h	<b>Closing remarks</b>	Guido Reifenberger, Düsseldorf

**Location** Lecture Hall 2A, Building 22.01

**Time** June 17, 2010, 9.00 – 18.00 h

**Program Committee** A. Borkhardt, H.-P. Hartung, W. Martin, G. Reifenberger, B. Royer-Pokora, D. Willbold

**Organisation** C. Höner

This meeting is certified with 8 points cat. A by the “Nordrheinische Akademie für ärztliche Fort- und Weiterbildung“

#### Registration

online: <http://www.BMFZ.de> (see BMFZ - Meeting 2010)

#### Address

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