

Research Networking Programme on

The Functional genomics in *Aspergillus fumigatus* and new strategies to fight against the first fungal pathogen in Europe (Fuminomics)

Second Annual Meeting Proteomics and Bioinformatic Tools Nouan-Le-Fuzelier, France Oct 22-25, 2009



Thursday October 22 nd , 2009			
	Arrival in the Ferme de Courcimont		
	Nouan-le-Fuzelier (late afternoon)		
	7:00 pm Aperitive and dinner		
Day 1 - Friday October 23 rd , 2009			
09:00 – 09:05 am	Introduction	Jean-Paul Latgé	
	Transcriptome (chair JP Latgé)		
9:05 – 10:00 am	Comparative transcriptomic analysis on 3 types of	Jean-Marie François	
	microarrays (AF genechip -PFGRC microarrays and	<i>Véronique Le Berre</i>	
	amplicon microarrays)		
10:00 – 10:15 am	Experiences with the Toulouse microarrays (1)	Emilie Frealle	
	Exploration of Aspergillus fumigatus response to		
	oxidative stress using microarrays and qRT-PCR		
	approaches		
10:30 – 10:45 am	Experiences with the Toulouse microarrays (2)	Anne Beauvais	
10:45 – 11:15 am	Coffee break		
11:15 – 12:15 am	The future of Transcriptome	E.Frealle, A.Beauvais,	
	(Round Table)	JM François,	
		V. Le Berre, E. Bignell	
12:30 – 2:00 pm	Lunch break		
	Protein Families in A. fumigatus (chair: H. Haas)		
2:00 – 2:20 pm	PrtT, a regulator of extracellular proteolytic	Anna Bergmann	
	activity, is dispensable for virulence		
2:20 – 2:40 pm	PrtT and Proteases	Shelly Hagag	
2:40 – 3:00 pm	Investigating the role of glycoside hydrolases in	Lukas Hartl	
	cell wall remodeling		
03:00 – 03:20 pm	The superoxide dismutase family in	Karine Lambou	
	Aspergillus fumigatus		
03:40 – 04:00 pm	Application of the Split-Ubiquitin Membrane	Margherita Bertuzzi	
obito ottoo piii	Yeast Two-Hybrid (MYTH) System to analyse	man green a zer maa	
	membrane protein complexes involved in		
	A. fumigatus sensory perception		
04:00 – 04:20 pm	Histidine kinases in A. fumigatus	Gwenaël Ruprich-Robert	
04:20 – 04:50 pm	Coffee break		
04:50 – 07:00 pm	Open Discussion	All	
07:30 pm	Dinner		

	Day 2 - Saturday October 24 th , 2009			
	Proteome(Chair: Axel Brakhage)			
09:00 – 09:45 am	Proteomics of Aspergillus fumigatus physiology	Olaf Kniemeier		
	and pathogenicity-2D-gel electrophoresis and			
	other techniques			
09:45 – 10:00 am	Proteome studies of the immunosuppressive	Marc Seidler		
	Gliotoxin family during A. fumigatus biofilm			
	formation			
10:00 – 10:45 am	The data warehouse OmniFung and associated	Daniela Albrecht		
	tools for the analysis of transcriptomic and			
	proteomic data of Aspergillus fumigatus			
10:45 – 11:15 am	Coffee Break			
11:15 – 12:15 am	The Future of Proteome	A.Brakhage, H. Haas,		
	(Round Table)	F-M Mueller		
12:15 – 2:00 pm	Lunch break			
	Interactions with the Host and news in the field			
	(Chair: E. Bignell)			
02.00 pm- 02:20 pm	SidL, an acetyltransferase involved in	Michael Blatzer		
	biosynthesis of the intracellular siderophore			
	ferricrocin in Aspergillus fumigatus			
02:20 – 02:40 pm	Characterization of the interaction between	Michael Ok		
	human immature dendritic cells and recombinant			
	Aspergillus fumigatus antigens			
02:40 – 03:00 pm	Expression analysis of the interaction of	Oliver Morton		
	Aspergillus fumigatus with dendritic cells and			
02.00 02.15	neutrophils	G D 11 C		
03:00 – 03:15 pm	Platelets and A. fumigatus	Susanne Perkhofer		
03:15 – 03:25 pm	The Scientific paper(s) of the year I liked	John Morrissey		
03:25 – 03:45 pm	News in Anti-fungal Drugs	Emilia Mellado		
03:45 – 03:55 pm	The thoughts of a specialist in immunology	Dorel Lucian Radu		
03:55 – 04:30 pm	Coffee Break			
04:30 – 06:00 pm	Conclusion and Questions	All		
	Is Fuminomics going to start a mutant library			
	of A. fumigatus?			
	- Interest of the participants?			
07.20	- If yes, when? Grant Applications?			
07:30 pm	Dinner			
Sunday October 25 th , 2009				

Departure after breakfast