

OPATHY – From Omics to Patient: Improving Diagnostics of Pathogenic Yeasts

Kick-Off Meeting

When: 03.09.2015, 09:30 – 17:00
Where: Centre for Genomic Regulation (CRG), Room 473.10
C/ Dr. Aiguader 88, Edif. PRBB, 08003 Barcelona, Spain

A G E N D A

09:30 - 10:00 **Welcome Coffee**

10:00 - 10:15 **Welcome Address and Short Introduction to the Project**

Toni Gabaldón, CRG-Centre for Genomic Regulation

10:15- 11:05 **Presentation the Individual Research Projects I (10min each)**

Toni Gabaldón, CRG-Centre for Genomic Regulation

ESR1: Comparative genomics of fungal pathogens

ESR2: Comparative transcriptomics of host-pathogen interactions

Teun Boekhout, CBS Fungal Biodiversity Center

ESR3: Genomic Identification of yeast pathogens

*ESR4: Detection of resistant isolates of *C. albicans* and *C. Glabrata**

Bernhard Hube, Hans Knöll Institut Jena

*ESR5: *C. parapsilosis* complex and host marker genes during infection*

*ESR6: *C. tropicalis* and host marker genes in host interaction*

*ESR9: *C. albicans* and *C. glabrata* and host marker genes during infection*

Carlos Llorens, Biotechvana

ESR7: Integrative genomics/proteomics of yeast infections

Carol Munro, University of Aberdeen

*ESR8: *Candida* antifungal proteomics*

11:05- 11:35 **Coffee Break**

11:35 - 12:25 Presentation the Individual Research Projects II (10min each)

Markus Kostrzewa, Bruker Daltonic GmbH

ESR10: Improved diagnosis of yeast pathogens by MALDI-TOF MS proteomics

Cornelia Lass-Flörl, Innsbruck Medical University

ESR11: Clinical development and testing of an integrated diagnostic system for early and robust diagnosis, including detection and identification of resistant Candida pathogens

Mario Vaneechoutte, University Gent

ESR12: Meta-transcriptomics of Candida vaginitis, development of ELISA assay (WP2; WP6); PhD thesis on Clinical molecular ecology and microbiology of Candida vaginitis

Mohamed El Khattabi, QVQ

ESR13: Development of Llama antibody technology for Candida diagnostics

12:25 – 13:30 Lunch Break

13:30 – 15:00 Management, Training and Exploitation

13:30 - 14:20 **Overall Management**

Toni Gabaldón and Jonas Krebs, CRG-Centre for Genomic Regulation

14:20 - 14:40 **Training Activities**

Geraldine Butler, University College Dublin

14:40 - 15:00 **Contribution of Industrial Partners, open discussion**

Toni Gabaldón, CRG-Centre for Genomic Regulation

Flexible Coffee Break 15min

15:15-16:45 Recruitment and final remarks

15:15 - 16:15 **Recruitment: Process and Selection of Fellows**

Toni Gabaldón, Jonas Krebs, Geraldine Butler

16:15 - 16:45 **Wrap-up and closing discussion**

Toni Gabaldón