

DETAILED PROGRAMME – PREVIS Symposium

Pneumococcal Resistance Epidemicity and Virulence – an International Study

Oeiras, Portugal, April 18, 2006

08:30 – 16:00 hours

8:30 Welcome and Introduction

Birgitta Henriques-Normark, coordinator of PREVIS
Swedish Institute for Infectious Disease Control, Karolinska Institutet, Stockholm, Sweden

8:40 EU research policy on antimicrobial drug resistance in FP7

Anna Lönnroth
EU Commission

9:10 Antibiotic resistance to cell wall inhibitors: new insights issued from COBRA

Laurent Gutmann
Hôpital Européen Georges Pompidou, Paris, France

9:40 Can colonization explain the patterns of invasive disease in pneumococci?

Raquel Sá-Leão and Hermínia de Lencastre
Instituto de Tecnologia Química e Biológica (ITQB), Oeiras, Portugal

10:00 Searching for explanations for the changing population of pneumococci causing invasive disease in Portugal

Mário Ramirez and José Melo-Cristino
Instituto de Medicina Molecular (IMM), Faculdade de Medicina de Lisboa (FML), Lisboa, Portugal

10:20 Coffee break

10:40 Identification of *Streptococcus pneumoniae* clones associated with invasive disease in the Czech Republic

Helena Zemlicková
National Institute of Public Health, Prague, Czech Republic

11:00 Molecular epidemiology of pneumococci in carriage and disease

Karl G. Kristinsson
Landspítali University Hospital, Reykjavik, Iceland

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11:20 Factors influencing the spread of antibiotic resistant pneumococci

Thorolfur Gudnason

Directorate of Health-Infectious Disease Control, Seltjarnanes, Iceland

11:40 The invasive disease potential of *Streptococcus pneumoniae*

Angela Brueggemann and Brian Spratt

Imperial College London, London, United Kingdom

12:00-13:00 Lunch

13:00 Host pathogen interactions in pneumococcal infections

Birgitta Henriques-Normark

Swedish Institute for Infectious Disease Control, Karolinska Institutet, Stockholm, Sweden

13:35 Clonal success of piliated penicillin non-susceptible pneumococci

Christel Blomberg

Swedish Institute for Infectious Disease Control, Karolinska Institutet, Stockholm, Sweden

13:55 Antibiotic resistance highways between *Streptococcus* and other species

Regine Hakenbeck

University of Kaiserslautern, Kaiserslautern, Germany

14:15 Coffee Break

14:30 Immunological host factors contributing to susceptibility to invasive pneumococcal disease

Ingileif Jonsdottir

Landspítali University Hospital, Reykjavik, Iceland

15:00 Statistical modeling of antibiotic consumption and resistant pneumococci in Sweden and Iceland

Kasia Grabowska and Sharon Kuhlmann

Swedish Institute for Infectious Disease Control, Solna, Sweden

15:30 Integrated data management and analysis infrastructure

Jonas Almeida and João Carriço

Instituto de Biologia Experimental e Tecnológica (IBET), Oeiras, Portugal

16:00 Closure