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Annual Progress Conference (Draft programme)
COST Domain - Biomedicine and Molecular Biosciences (BMBS) and DC
BMBS meeting
3-5 June 2012,
Riga, Latvia

Agenda 3 June 2013:

- 09.00** Welcome and introduction of guests and participants from COST
- 09:00 - 09:10** Welcome from the Latvian COST National Coordinator
- 09:10 - 09:20** Welcome from Pr. Roland Pochet (BE), Chair BMBS Domain
- 09:20 - 09:30** Welcome from Pr. Srecko Gajovic (HR), Vice-Chair BMBS Domain and from Dr. Maija Dambrova (LV), Local Organiser
- 09:30-10:30** Administrative meeting - **Chair:** Pr. Roland Pochet (BE), Chair BMBS Domain: COST SO Pr. Ilias Papadopoulos and COST AO Mrs. Gabriela Cristea will answer administrative/management questions in relation to COST Actions
- 10:30 – 10:50** Coffee break

Sessions:

I. ANIMAL MODELS

**Chairs: Dr. Isabel Varela Nieto (ES) - Pr. Joana Pahla (PT) -
Rapporteur: Dr. Sebastian Winkler (UK)**

10:50 – 11:05 BM0804 | European Network on Fish Biomedical Models (Acronym: EuFishBioMed) - a community resource to enable effective zebrafish partnering in projects targeting human diseases | Dr. Inga Oberpichler, Institute for Toxicology and Genetic (ITG), Eggenstein-Leopoldshafen ,DE

11:15 – 11:30 BM0901 | European systems genetics network for the study of complex genetic human diseases using mouse genetic reference populations (SYSGENET) | Dr. Leonard SCHALKWYK, University College London, Institute of Psychiatry, UK

11:40 – 11:50 TD1101 | A Collaborative European Network on Rabbit Genome Biology (RGB-Net) | Dr. Herve Garreau, INRA Toulouse, FR

12:00 – 12:10 BM1102 | Ciliates as model systems to study genome evolution, mechanisms of non-Mendelian inheritance, and their roles in environmental adaptation | Dr. Cristina MICELI, University of Camerino, IT

12:20 – 12:35 BM0802 | Life or death of protozoan parasites | Prof. Sue WELBURN, The University of Edinburgh, Centre for Infectious Diseases, UK

12:45 – 13:15 Round Table Discussion

13:15 – 14:15 – Lunch

II. SIGNALLING PATHWAYS:

**Chairs: Pr. Carine Michiels (BE) – Pr. Jan Lehotski (SK)
Rapporteur: Pr. Iris Behrmann**

14:15 – 14:25 BM1007 | Mast Cells and Basophils - Targets for Innovative Therapies | Pr. Gunnar NILSSON, Karolinska Institute, Stockholm, SE

14:35 - 14:50 BM0806 | Recent advances in histamine receptor H4R research | Dr. Ekaterini TILIGADA University of Athens Medical School, GR

15:00 – 15:15 TD0901 | Hypoxia sensing, signalling and adaptation | Prof. Roland WENGER, University of Zurich Institute of Physiology, CH

15:25 – 15:35 BM1005 | Gasotransmitters: from basic science to therapeutic applications (ENOG: European Network on Gasotransmitters) | Prof. Andreas PAPAPETROPOULOS, University of Patras, Lab for Molecular Pharmacology, GR

15:35 - 16:05 Round Table Discussion

16:05 – 16:25 Coffee break

III. DISEASES & CANCER :

Chairs: Pr. Marisa Bonsignore (IT) – Pr. Aleksandar Dimovski (MK)

Rapporteur: Pr. Sacit Karamürsel (TR)

16:30 – 16:40 BM0905 | European Network for the Study of Gilles de la Tourette Syndrome | Dr. Csaba BARTA, Semmelweis University, Budapest, HU

16:40 – 16:50 BM1001 | Brain Extracellular Matrix in Health and Disease (ECMNet) | Prof. Alexander DITYATEV, Italian Institute of Technology, Genova, IT

16:50 – 17:00 BM1003 | Microbial cell surface determinants of virulence as targets for new therapeutics in Cystic Fibrosis | Prof. Antonio MOLINARO, Università di Napoli Federico II, Napoli, IT

17:00 - 17:30 Round Table Discussion

17:30 – 18:30 NEW ACTIONS POSTERS 3min presentation + 1 min rapporteur comment

BM1106 | The Genes in Irritable Bowel Syndrome Research Network Europe (GENIEUR) | Dr. Beate NIESLER + Jaroslav Vesely

BM1105 | GnRH deficiency: Elucidation of the neuroendocrine control of human reproduction | Pr. Nelly PITTELOUP + Anu Jalanko

TD1104 | European network for development of electroporation-based technologies and treatments (EP4Bio2Med) | Prof. Damijan MIKLAVCIC + Roland Pochet

TD1205 | Innovative methods in radiotherapy and radiosurgery using synchrotron radiation | Dr. Alberto BRAVIN + Pavle Andjus

BM1203 | EU-ROS | Dr. Fabio DI LISA + Roland Pochet

BM1202 | European Network on Microvesicles and Exosomes in Health and Disease (MEHAD) | Prof Lorraine O'DRISCOLL + Antonio Campos-Torres

BM1201 | Developmental Origins of Chronic Lung Disease | Dr. Susanne KRAUSS-ETSCHMANN + Marisa Bonsignore

BM1204 | An integrated European platform for pancreas cancer research: from basic science to clinical and public health interventions for a rare disease | Dr. Nuria MALATS + Rosa Barkardottir

BM1205 | European Network for Skin Cancer Detection using Laser Imaging | Prof Dragan INDJIN + Aleksandar Dimovski

BM1207 | Networking towards clinical application of antisense-mediated exon skipping | Dr. Annemieke AARTSMA-RUS + Sebastiaan Winkler

BM1206 | Cooperation Studies on Inherited Susceptibility to Colorectal Cancer | Dr. Sergi CASTELLVI-BEL + Ursula Gundert-Remy

BM1208 | European Network for Human Congenital Imprinting Disorders | Dr. Thomas EGGERMANN + Jana De Boer

BM1209 | Regenerative Sphincter Therapy (ReST) | Pr. Wilhelm K. Aicher + Srecko Gajovic

20:00 Networking dinner

Agenda 4 June 2013:

IV. GENETICS

**Chairs: Pr. Matthias Ziegler (NO) - Antonio Campos Torres (IE) -
Rapporteur: Pr. Ursula Gundert-Remy (DE)**

08:30 – 08:40 BM0803 | A European network of the HLA diversity for histocompatibility, clinical transplantation, epidemiology and population genetics (HLA-NET) | Prof. Alicia SANCHEZ-MAZAS, University of Geneva, CH

08:50 – 09:00 BM0902 | NetworBM0801 | Translating genomic and epigenetic studies of MDS and AML (EuGESMA) | 04 November 2008 - 03 November 2012k of experts in the diagnosis of myeloproliferative disorders (MPD) | Prof. Sylvie HERMOUET, Université de Nantes, FR

09:10 – 09:20 BM1101 | European network for the study of dystonia syndromes | Prof. Alberto ALBANESE, Università Cattolica del Sacro Cuore, Milano, IT

09:20 – 09:40 BM0805 | HOX and TALE transcription factors in Development and Disease | Prof. Miguel TORRES, Fundacion Centro Nacional de Investigaciones, Madrid, SP

09:40 -10:00 Coffee break

10:00 - 10:20 BM0907 | European Network for Translational Immunology Research and Education (ENTIRE): From immunomonitoring to personalized

immunotherapy | Dr. Thomas GIESE University Hospital Heidelberg, Institute of Immunology, DE

10:20 – 10:50 BM0801 | Translating genomic and epigenetic studies of MDS and AML (EuGESMA) | Pr. Ken Mills Queen's University Belfast, UK

10:50- 11:30 Round Table Discussion

11:30 – 12: 10 Keynote Speaker: Dr. Janis KLOVINS, Latvian Biomedical Research and Study Centre, Riga, LV

Human genomics research: Latvian perspective.

12:10 – 12:30 Open questions by the audience

13:00 -14:00 – Lunch

V. IMAGING & NEW TECHNOLOGIES & DATA ANALYSIS

Chairs : Pr. Jacques Haiech (FR) – Pr. Pavle Andjus (RS) -

Rapporteur: Pr. Jaroslav Vesely (CZ)

14:00 – 14:15 BM1002 | Nanomechanics of intermediate filament networks (NANONET) | Prof. Ely HOL, Netherlands Institute for Neuroscience, Amsterdam, NL

14:25 - 14:40 TD1002 | European network on applications of Atomic Force Microscopy to NanoMedicine and Life Sciences (AFM4NanoMed&Bio) | Prof. Pierre PAROT, CEA, Marcoule, FR

14:50 – 15:05 BM1104 | Mass Spectrometry Imaging: New Tools for Healthcare Research | Dr. Garry Corthals, Turku Centre for Biotechnology, FI

15:15 – 15:30 BM1103 | Arterial spin labelling Initiative in Dementia (AID) | Prof. Xavier GOLAY, UCL Institute of Neurology, London, UK

15:40 – 16:10 Coffee break

16:10 – 16:25 BM1006 | Next Generation Sequencing Data Analysis Network | Dr. Erik BONGCAM-RUDLOFF, Swedish University of Agricultural Sciences, Uppsala, SE

16:25 – 17:00 Round Table Discussion and Conclusions.