

MACPROGEN project

Final Conference

29 March – 1 April, 2012
Ohrid, Republic of Macedonia

Conference Programme

Thursday, 29 March 2012

13.00 – 17.00
17.00 – 17.30

Registration

Welcome address

Momir Polenakovic, RCGEB, Macedonia

Dijana Plaseska-Karanfilska, RCGEB, Macedonia

MACPROGEN overview

SESSION 1

17.30 – 18.00

Chairing: Momir Polenakovic & Max Chaffanet

Massimo Delledonne, University of Verona, Italy

Microarray or RNA-Seq: what to use if you are "just" a biologist

18.00 – 18.30

Martina Marchetti-Deschmann, Vienna University of Technology, Austria

Renopathological microstructure visualization from formalin fixed kidney

tissue by MALDI-TOF Imaging Mass Spectrometry

19.00

Opening dinner

Friday, 30 March 2012

SESSION 2

09.00 – 09.30

Chairing: Borut Peterlin & Alexander Dimovski

Neil Avent, Plymouth University, UK *Non-invasive prenatal diagnosis for aneuploidy – next-generation sequencing or fetal DNA enrichment?*

09.30 – 10.00

Rafael Oliva, University of Barcelona, Spain

Proteomics of the Spermatozoon

10.00 – 10.30

Dijana Plaseska-Karanfilska, RCGEB, Macedonia

Genetic causes of male infertility

10.30 – 10.45

Katarina Davalieva, RCGEB, Macedonia

Differential expression profile of seminal plasma proteins in men with spermatogenic impairment

10.45 – 11.00

Svetlana Madjunkova, RCGEB, Macedonia

Prenatal diagnosis – rapid and non-invasive approaches

11.00 – 11.30

Coffee break

SESSION 3

11.30 – 12.00

Chairing: Rafael Oliva & Natalia Bogdanova

Borut Peterlin, University of Ljubljana, Slovenia

Integratomic approach for gene candidate identification

12.00 – 12.30

Cristina Patuzzo, University of Verona, Italy

A preliminary microRNA analysis of thoracic aortic aneurysm

12.30 – 13.00

Alexander Dimovski, University of Skopje, Macedonia

Personalised medicine: scientific, ethical and legal aspects

13.00 – 13.15

Emilija Sukarova Stefanovska, RCGEB, Macedonia

Genetics of nonsyndromic deafness in the Republic of Macedonia

13.15 – 13.30

Biljana Atanasovska, RCGEB, Macedonia

Molecular diagnostics of Mediterranean beta-thalassaemia mutations

13.30 – 13.45

Sanja Kiprijanovska, RCGEB, Macedonia

Study of HCV infection in the Republic of Macedonia

14.00

Lunch

16.00 – 19.00

Ohrid walking tour (bus to Ohrid)

20.00

Dinner in Ohrid

Saturday, 31 March 2012

SESSION 4

15.30 – 16.00

Chairing: Cristina Patuzzo & Andrea Arsovski

Max Chaffanet, Institute Paoli Calmettes, France

Integrated genomic alteration in breast cancer

16.00 – 16.30

Natalia Bogdanova, Hannover Medical School, Germany

Molecular genetics of breast and ovarian cancer: new developments and therapeutic implications

16.45 – 17.00

Ivana Maleva, RCGEB, Macedonia

Genetics basis of breast cancer in the Republic of Macedonia

17.00 – 17.15

Katerina Popovska-Jankovic, RCGEB, Macedonia

Micro RNA in breast cancer – our initial results

17.15 – 17.45

Coffee break

SESSION 5

17.45 – 18.15

Chairing: Martina Marchetti-Deschmann & Neil Avent

Bruno Doman, Luxembourg Clinical Proteomics Center, CRP-Santé, Luxembourg

Recent developments in mass spectrometry based proteomics approaches

18.45 – 19.15

Niels Tommerup, Wilhelm Johannsen Centre, University of Copenhagen, Denmark

Chromosomal breakpoints targets all parts of the human genome

19.15

Closing

20.00

Dinner

