

**Saturday, 31 March 2012**

**SESSION 4**

15.30 – 16.00

**Chairing: C Patuzo & A 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: M Marchetti-Deschmann & N Avent**

**Bruno Domon**, 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**

Macedonian Academy of Sciences and Arts  
Research Centre for Genetics Engineering and Biotechnology "Georgi D. Efremov"

National Reference Center for Genomics and Proteomics

MACPROGEN project  
funded by EU FP7 (2009-2012)

Final Conference

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

SEVENTH FRAMEWORK PROGRAMME

**Conference Programme**

**Thursday, 29 March 2012****13.00 – 17.00****Registration**

17.00 – 17.30

*Welcome address***Momir Polenakovic**, RCGEB, Macedonia**Dijana Plaseska-Karanfilska**, RCGEB, Macedonia*MACPROGEN overview***SESSION 1**

17.30 – 18.00

**Chairing: M Polenakovic & M 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: B Peterlin & A 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: R Oliva & N 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 aneurysms*

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**