



3rd Genomics and Proteomics Workshop

Venue: Macedonian Academy of Sciences
and Arts, Skopje, R. Macedonia

Date: March 1-6, 2012

Sponsored by: FP7 grant “National Reference Centre
for Genomics and Proteomics” funded
by the Seventh Framework
Programme, REGPOT-2008-1.

Organized by: Research Center for Genetic
Engineering and Biotechnology
“Georgi D. Efremov”, Macedonian
Academy of Sciences and Arts

PROGRAMME

March 1, 2012 (Thursday)

- 09.00 – 09.30 Registration
- 09.30 – 12.00 Practical session – Microarray technology
Designing and performing an Array CGH
experiment
- 12.00 – 13.00 *Lunch break*
- 13.00 – 16.00 Practical session – Microarray technology (*continues*)
- 16.00 – 17.00 Round table discussion (Troubleshooting for array
hybridization and washing; Troubleshooting for array
hybridization and washing)
- 19.30 *Workshop dinner*

March 2, 2012 (Friday)

- 09.00 – 12.00 Practical session – Array CGH analysis
- 12.00 – 13.00 *Lunch break*
- 13.00 – 16.00 Practical session – Microarray Data Analysis
- 16.00 – 17.00 Round table discussion (Microarray data analysis and
web databases resources; Custom array design)

March 5, 2012 (Monday)

- 09.00 – 12.00 Practical session - Proteomics
MALDI-TOF MS and MS/MS analysis of
proteins/peptides
- 12.00 – 13.00 *Lunch break*
- 13.00 – 16.00 Practical session - Proteomics (*continues*)
MASCOT database searches
- 16.00 – 17.00 Round table discussion (Possibilities and limitations
of MALDI-TOF technology)

March 6, 2012 (Tuesday)

- 09.00 – 12.00 Practical session - Proteomics
Bacterial identification by MALDI-TOF MS
- 12.00 – 13.00 *Lunch break*
- 13.00 – 13.10 Welcome address - Dijana Plaseska Karanfiliska
- 13.10 – 13.55 *Max Chaffanet, France: "Genomic analysis in cancer"*
- 13.55 – 14.40 *Stephane Audebert, France: "Proteomic tools in
cancer research"*

Closing