



2nd Genomics and Proteomics Workshop

- Date** June 27-29, 2011
- Venue** Macedonian Academy of Sciences and Arts, Skopje, Republic of Macedonia
- Sponsored by** FP7 grant “National Reference Centre for Genomics and Proteomics” funded by the 7th Framework Programme, REGPOT-2008-1.
- Organised by** Research Centre for Genetic Engineering and Biotechnology “Georgi Efremov”, Macedonian Academy of Sciences and Arts

PROGRAMME

June 27, 2011	Monday	12.00 – 13.00	<i>Lunch break</i>
Venue	RCGEB		
Participants	RCGEB scientists and invited speakers		
12.00 – 16.00	Practical session (held in parallel):		
	Microarray technology:	Venue	MASA amphitheatre
	<i>Designing and performing microarray experiments</i>	Participants	Representatives of the Macedonian biomedical community
	<i>Troubleshooting hybridisation and washing</i>	13.00 – 13.15	Dijana Plaseska-Karanfilska: <i>MACPROGEN overview</i>
	2D DIGE technology: DIGE experimental design	13.15 – 14.00	Thilo Dork, Germany: <i>Molecular genetics of breast cancer – an update</i>
18.00	<i>Dinner</i>	14.00 – 14.45	Neil Avent, UK: <i>Using DIGE to define new markers for non-invasive prenatal diagnosis</i>
		14.45 – 15.30	Paul Brady, Belgium: <i>Genomic arrays in diagnostics</i>
June 28, 2011	Tuesday	18.00	<i>Dinner</i>
Venue	MASA meeting rooms		
Participants	RCGEB scientists and invited speakers		
09.00 – 09.15	Dijana Plaseska-Karanfilska: <i>RCGEB and MACPROGEN project overview</i>	June 29, 2011	Wednesday
09.15 – 10.45	Short talks and discussion:	Venue	RCGEB
	Katarina Davalieva: <i>DIGE analysis of breast cancer tissues</i>	Participants	RCGEB scientists and invited speakers
	Ivana Maleva: <i>Genotyping in breast cancer patients</i>	09.00 – 12.00	Practical sessions (held in parallel):
	Svetlana Madjunkova: <i>Early and noninvasive molecular prenatal diagnosis</i>		Microarray technology: Custom array design
10.45 – 11.00	<i>Coffee break</i>		Real-time PCR: Gene expression analysis
11.00 – 12.00	Practical sessions (held in parallel):		2D DIGE technology: DIGE data analysis
	Microarray technology: Data analysis and web resources		
	Real-time PCR: CNV validation by real-time PCR		<i>Closing</i>