



Workshop „Cell proliferation in cancer“
September 13.-15.2012.
Faculty of Medicine
University of Rijeka, Croatia
**Department of Molecular Medicine and
Biotechnology**

Friday September 14, 2012

Cell cycle analysis by Flow Cytometry (BrdU and PI staining)

15:00-15:30	Introduction into cell cycle
15:30 -16:30	Preparation of samples for cell cycle analysis
16:30-17:00	Flow Cytometry analysis of cell cycle
17:00-17:30	Analysis of results and discussion

Measurement of mTOR signalling pathway activity

17:30-18:00	Introduction into mTOR (mammalian target of rapamycin) signalling pathway
18:00-19:00	Preparation of samples

Saturday September 15, 2012

09:00-11:30	Detection of phosphorylation status of S6 kinase and ribosomal protein S6 by Western blot analysis using phospho-specific antibodies
11:30-12:30	Analysis of results and discussion

Instructors: **Sladana Bursac**
Maja Cokarić Brdovčak

