

Training School May 19–23, 2014

## 6<sup>th</sup> Protein Rainbow Workshop –

### Top-Down Proteomics in Practice

**DiabesityProt.org**



**Organized by:** DDZ, Institute of Clinical Biochemistry and Pathobiochemistry

**Time and place:** Monday 19<sup>th</sup> to Friday 23<sup>th</sup> of May. Institute of Clinical Biochemistry and Pathobiochemistry, German Diabetes Center at the Heinrich-Heine-University Duesseldorf, Leibniz Center for Diabetes Research, Auf'm Hennekamp 65, D-40225 Duesseldorf, Germany .

**Workshop participants:** 12

**Course fee:** 589€(accommodation included; Hotel Auszeit)

**For registration mail to:** rainbow-workshop@ddz.uni-duesseldorf.de



The 6<sup>th</sup> Protein Rainbow Workshop will be a hands-on course in quantitative comparison of complex protein samples by 2-dimensional gel electrophoresis of differentially fluorescent labelled protein mixtures, image analysis, and identification of selected proteins by mass spectrometry. The course agenda covers theoretical and practical aspects ranging from sample preparation, 2D protein profiling using the fluorescent based multiplex technique to quantitative protein pattern analyses including statistical validation and identification of target proteins by mass spectrometry. The course will last five days and target early stage researchers from laboratories around Europe.

In order to provide effective practical training, the course will be restricted to 9 – 12 attendees. Participants are encouraged to bring their own samples for analysis. Lodging is arranged in a Hotel, which is located next door to the Institute. Scientific lectures will be given by outstanding experts in the field. All matters of this training school are an inherent part of the GDC proteomics research group including many years of experience in arranging international training courses (e.g. COST summer schools 2009, 2010, 2011).