

# 11<sup>th</sup> Protein Rainbow Workshop

## Multiplexing ELISA 2.0

DiabetesityProt.org



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

**Time and place:** Monday 13<sup>th</sup> (10 a.m.) to Friday 17<sup>th</sup> (12 p.m.) of May 2019.

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:** 785€ (accommodation included (4 nights); Hotel Auszeit)

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



The 11<sup>th</sup> annual **Protein Rainbow Workshop** will be a hands-on course introducing Luminex<sup>®</sup> bead based Multi Analyte Profiling (xMAP<sup>®</sup>) technology. This technique allows the quantification of up to 500 different analytes in parallel (Multiplex ELISA) from microliter sample amounts. The course will be organized together with Merck and Luminex<sup>®</sup> and covers theoretical and practical aspects of the methodology including sample preparation, measuring of cytokines/chemokines/phosphoproteins and data analysis. The course will be supplemented by a scientific lecture afternoon (Tuesday), presenting recent research projects by outstanding experts in the field.

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 12 attendees. **Participants are encouraged to bring their own samples for analysis** (detailed information will follow after registration). Lodging is arranged in Hotel "Auszeit", which is located next door to the Institute.

All matters of this training school are an inherent part of the DDZ proteomics group including many years of experience in arranging international training courses (e.g. COST). The workshop is part of the DZD training and education program.

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