

## BioMarker Day

January 2017, 10:00 - 16:30

University of Groningen, (ERIBA Building), Antonius Deusinglaan 1, Groningen

### Content

You will learn more about biomarkers during this day.

### Target audience

This course is taught in the framework of the MSc+ program for talents in Master (university) education. Therefore, the course is appropriate for employees at that level.

### Topics

- 10:00 - 10:20: Challenges in Biomarker R&D, The Dutch Biomarker Development Center | Rainer Bischoff (RUG)
- 10:20 - 11:00: Biomarker Basics & Pre-Analytics | Rainer Bischoff (RUG)
- 11:00 - 11:15: Coffee/Tea Break
- 11:15 - 12:45: Data Processing and Statistical Analysis | Peter Horvatovich (RUG)
- 12:45 - 13:30: Lunch Break
- 13:30 - 15:00: Protein Identification by MS/MS | Hjalmar Permentier (RUG)
- 15:00 - 15:45: Case studies | Rainer Bischoff (RUG)
- 15:45 - 16:30: Final Discussion & Lab Tour

### Lecturers

#### *Prof. Dr. Rainer Bischoff*

Professor & Head Department of Analytical Biochemistry, University of Groningen, Department for Pharmacy, Analytical Biochemistry



Rainer obtained his PhD in Chemistry from the University of Göttingen, Germany in 1984. From 1984 till 1986 he was a postdoctoral fellow in Germany and the USA. He started his professional career in 1987 as he started working at Transgene S.A. in France (until 1998) and Department of Cell & Molecular Biology at AstraZeneca R&D in Lund from 1998 until 2001. Since 2001 he is Professor of Pharmacy at the University of Groningen, Department for Pharmacy, Analytical Biochemistry.

**Prof. Dr. Peter Horvatovich**

Associate Professor in Computational Proteomics, University of Groningen, Department for Pharmacy, Analytical Biochemistry



Peter obtained his PhD in Analytical Chemistry from Louis Pasteur University (Strasbourg, France) and Szent István University (Budapest, Hungary) in 2001. From 2001 until 2003 he worked at Sanofi-Synthelabo in Budapest, Hungary. In 2003 he worked on the Alexander von Humboldt fellowship – Roman Herczog program, Federal Institute for Risk Assessment in Berlin, Germany. Since 2005 he works at the University of Groningen. First in a Postdoctoral position, following, in 2008, as assistant professor, and since 2013 as associate professor in Computational Proteomics.

**Dr. Hjalmar Permentier**

Head of the Mass Spectrometry Core Facility, University of Groningen, Department for Pharmacy, Analytical Biochemistry



Hjalmar obtained his PhD from Leiden University, Department of Biophysics in 2001. Until 2009 he was a Postdoctoral researcher at the University of Groningen, focusing on Biological Mass Spectrometry. Since 2009 he is a Senior scientist, Head of the Mass Spectrometry Core Facility at the University of Groningen.

**At the end of the course**

You will have gained knowledge of the basics of biomarkers, their applications and recent developments.

**Course duration and time investment**

Course duration:	1 day from 10:00 till 16:30
Company time:	0 hours (as this course is on a Saturday)
Participant's investment:	1 day + optional self-study

**Extra Information**

This course is taught in the Saturday program of MSc+ program and is taught every two years.

Course fees:

- €800 (ex. BTW/VAT) per day
- COAST members pay a reduced fee of €400 per day (ex. BTW/VAT) or use a wildcard
- ASTP / MSc+ students: Free

Special fees can be offered to PhD students and companies registering for three or more persons.

For up-to-date information about the course program visit our website at [www.ti-coast.com/L3](http://www.ti-coast.com/L3).

Please contact us for more information.

**Registration**

To register fill out, sign and email the form attached to [lifelonglearning@ti-coast.com](mailto:lifelonglearning@ti-coast.com) .

**Registration Form**

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Groningen

Name	
Organization	
Address	
Billing address (if different from above)	
Educational background	
Email address	
Phone number	

**Payment**

- I will pay the full course fee of €800 per day (ex. BTW/VAT)
- I qualify for 50% discount, because my employer is a COAST participant, and will pay €400 per day (ex. BTW/VAT)
- I am a PhD student and will pay €400 per day (ex. BTW/VAT)
- I am a PhD student from a group participating in COAST and will pay €200 (ex. BTW/VAT) per day
- I have received a wildcard from: ..... Therefore, I will follow this course for free (note: this person must receive a copy of your registration mail, to indicate approval)

**Date:**

**Place:**

**Signature:**

To register, please email the duly signed registration form to [lifelonglearning@ti-coast.com](mailto:lifelonglearning@ti-coast.com)