TATAA NEWSLETTER 2014-10-29

Update your knowledge! – qPCR and NGS Courses 2015

TATAA Biocenter has been a real-time qPCR course provider for over 10 years and has trained thousands of satisfied researchers. We offer an extensive range of courses, both basic and advanced hands-on training, designed to ensure your competence is up to date within the area of qPCR.

New!

NGS – Library construction and quality control

This course gives an introduction to massive parallel sequencing (MPS) and its applications. The course consists of a theoretical part, which will focus on the different sequencing techniques, quality control of samples, library preparation and validation of assembled libraries. The course will also implement Digital PCR as a tool to improve the evaluation of the NGS workflow and to compare different libraries. The course will also contain practical parts where the participants will quality control and compare libraries.

NGS services

We are expanding our offerings in the NGS space, with cost efficient mainstream library preparations as well as customized solutions based on proprietary reagents for sequencing on either the Illumina or Life Technologies platforms.

Course schedule 2014-2015

In conjunction with qPCR and NGS 2015 Event

26-27 March, Freising, Germany

> ***2 days Basic real-time qPCR Application Workshop***
> ***2 days qPCR Data Analysis Workflow: from instrument data to interpretation***

EMBO Practical Course

17-22 April, EMBL Heidelberg, Germany

> ***Single Cell Gene Expression Analysis***

Göteborg, Sweden

3-7 November, 2014

3 days Hands-on qPCR

1 day Epigenetics: Applications and analysis

1 day Immuno-qPCR

Registration

1-5 December, 2014

3 days Hands-on qPCR

2 days Experimental design and data analysis

Registration

Prague, Czech Republic

24-28 November, 2014

3 days Hands-on qPCR

1 day Quality control of qPCR in molecular diagnostics

1 day Multiplex PCR

Registration

9-11 February, 2015

3 days Hands-on qPCR

Registration

19-23 January, 2015

3 days Hands-on qPCR

1 day Genotyping with qPCR

1 day qPCR for miRNA analysis

Registration

2-4 February, 2015

3 days Experimental design and data analysis

Registration

9-13 March, 2015

3 days Hands-on qPCR

2 days Digital PCR

Registration

23-24 April, 2015

2 days NGS – Library construction and quality control

Registration

4-8 May, 2015

3 days Hands-on qPCR

1 day Quality control of qPCR in molecular diagnostics

1 day Epigenetics: Applications and analysis

Registration

16-17 March

2 days Single cell analysis

Registration

13-17 April, 2015

2 days Hands-on qPCR

1 day Sample preparation and quality control of nucleic acid

2 days Experimental design and data analysis

Registration

18-22 May, 2015

3 days Hands-on qPCR

2 days Digital PCR

Registration

1-5 June, 2015

2 days Hands-on qPCR

1 day Sample preparation and quality control of nucleic acids

2 days Experimental design and data analysis

Registration

Our course modules

- Hands-on qPCR
  The basic real-time qPCR course. You will acquire a comprehensive overview of the possibilities with real-time PCR, how to use it and how to analyze the results.
- Experimental design and statistical data analysis for qPCR
  Learn how appropriate statistics is selected and applied correctly to get the most out of your qPCR data.
- NGS – Library construction and quality control - NEW!
  Learn about massive parallel sequencing (MPS) and its applications.
- Digital PCR – Applications and analysis - NEW!
  An introduction to digital PCR and its applications
- Sample preparation and quality control of nucleic acids
  Learn how to handle your samples, extract nucleic acids and check the quality to get the most powerful evidence from your experiment.
- Quality control of qPCR in molecular diagnostics
  Learn how to do proper quality control of your qPCR assays to be used in molecular diagnostics.
- Multiplex PCR
  Learn how to design assays to be able to run your reactions in multiplex.
- Single cell analysis
  Learn how to recognize the difference between cell population and single-cell analysis and how to interpret and apply single-cell data in biological studies.
- Immuno-qPCR
  Learn how real-time PCR can be used to quantify proteins.

- Epigenetics: Applications and analysis
  An introduction to epigenetics and its applications and different analysis methods.
- Genotyping with qPCR
  Learn about performing genotyping using qPCR.
- qPCR for miRNA analysis
  Learn about miRNA, what is it, what can it be used for and how can it be analyzed using qPCR.

Course testimonials

"A great, well organized course that allows to gain plenty of important and useful information. I recommend it to everyone who wants to perform a study."

"A requirement for anybody that wants to use the RT-qPCR in their work. All the important aspects of the method are covered and give a good solid starting point for your research."

"Very informative lectures with hands-on experimental work topped off with really friendly help and discussions."

"A thorough and simplified view of qPCR. Definitely an informative, inspiring and well-structured course."

Meet us

25-26 November
4th Munich Biomarker Conference
München, Germany

27-28 November
X. Diagnostic, Predictive and Experimental Oncology Days
Olomouc, Czech Republic

2-3 December
X. Diagnostic, Predictive and Experimental Oncology Days
Olomouc, Czech Republic

News

Nature explores the most-cited research of all time, MIQE has still long way to!

TATAA contributes to the online event Advances in Stem Cell Research broadcasted November 12-23

Biomarkers for Monitoring Pre-Analytical Quality Variation of mRNA in Blood Samples

CTC and prostate cancer

The Lab's Expanding Role in Newborn Screening

Webinar – MicroRNAs: from profiles to biomarkers

Ny metod kan minska djurförsök

Debate on Swedish television about prenatal testing with TATAA's new NIPT-test

TATAA review on single cell expression profiling is the second most read article in Expert Review of Molecular Diagnostics

LET US HELP YOU WITH YOUR NUCLEIC ACID ANALYSIS!

Find high quality products for your qPCR work in our webshop

To get expert advice and consultation, you are welcome to use our commissioned services

Get more knowledge and help yourself through our hands-on courses

Join us on Facebook for news and updates about our events, services, courses, research and products!