



QPCR COURSES SPRING 2014

TATAA Biocenter has been a real-time qPCR course provider for over 10 years and has trained thousands of satisfied researchers. We want to share our knowledge and experience with you!

Get something to look forward to by taking the opportunity to register to one of our popular and highly appreciated courses, our offer comprises both basic and advanced hands-on training suitable for everyone who wants to learn more about qPCR.



COURSE HIGHLIGHTS

› SINGLE CELL ANALYSIS

Description: In this course you will learn to recognize the difference between cell population and single-cell analysis and how to interpret and apply single-cell data in biological studies. Practical training in cell collection, gene expression profiling and data analysis at the single-cell level is included. The course contains:

- Overview of single-cell biology: methods, examples and trends
- Cell population versus single-cell analysis using gene expression profiling
- Cell collection methods. Demonstration of using FACS to collect single-cells
- Practical exercise running RT-qPCR to analyze individual cells
- Single-cell data analysis, including practical exercises



Note: Changed date to 23-24 January 2014

» [Registration](#)

› ONLINE COURSE

Our popular course “Experimental design and statistical data analysis” is now also available online.

» [More information](#)

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 qRT-PCR 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."



OUR OPEN 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.

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.

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.

Experimental design and statistical data for qPCR

Learn how appropriate statistics is selected and applied correctly to get the most out of your qPCR data.

Quality control of qPCR in molecular diagnostics

Learn how to do proper quality control of your qPCR to be used in molecular diagnostics.

Genotyping with qPCR

Learn about SNP genotyping, what it is and how it is analyzed.

qPCR for microRNA analysis

An introductory course to miRNA analysis using qPCR.

SPECIAL COURSES HELD IN CONJUNCTION WITH CONFERENCES

12-13 May In conjunction with Select Biosciences “Advances in qPCR and dPCR” Barcelona, Spain

- 2 days Experimental design and statistical data analysis for qPCR

16 May In conjunction with Select Biosciences “Advances in qPCR and dPCR” Barcelona, Spain

- Sample extraction and quality control in qPCR

COURSES HELD AT TATAA'S FACILITIES IN GOTHENBURG AND PRAGUE

13-17 Jan Prague, Czech republic

- 2 days Hands-on qPCR
- 1 day Sample preparation and quality control

20-24 Jan
(Updated) Gothenburg, Sweden

- 3 days Hands-on qPCR
- 2 day Single cell analysis

17-21 Mar
(Updated) Prague, Czech republic

- 2 days Hands-on qPCR
- 3 days Experimental design and data analysis

31 Mar – 4 Apr Gothenburg, Sweden

- 2 days Hands-on qPCR
- 1 day Sample preparation and quality control
- 1 day qPCR for miRNA analysis
- 1 day Multiplex PCR

5-9 May Gothenburg, Sweden

- 3 days Hands-on qPCR
- 2 days Experimental design and data analysis

19-23 May Prague, Czech republic

- 3 days Hands-on qPCR

- 2 days Experimental design and data analysis

Gothenburg, Sweden

9-13 Jun

- 3 days Hands-on qPCR
- 1 day Genotyping with qPCR
- 1 day Quality control of qPCR in mol. diagnostics

Find course schedule and register here

Meet TATAA in Stockholm 5-6 December

We will help you to get the most out of your qPCR experiments by introducing our services, products and courses, and we are happy to discuss any questions you may have regarding the entire qPCR workflow.

Stockholm, December 5-6, 2013 at Karolinska Institutet

Time: December 5: 8:30 AM-5:30 PM

December 6: 8:30 AM-1:30 PM

» [Program – Bioscience 2013](#)

» [Website – Bioscience 2013](#)

Do not miss the presentation by Dr. Mikael Kubista, founder and CEO of TATAA Biocenter - Taking Expression Profiling to New Levels

LATEST NEWS

[LabTube.TV “Microvesicle \(exosome\) RNA as Biomarkers for Disease” by Johan Skog](#)

[AdnaNews – Learn more about AdnaGen’s CE-certified kits and latest research in CTC profiling](#)

[Nominate candidates for the European Life Science Awards!](#)

[GEN Reports: Stem Cells Market Trends based on Primary Industry Analysis](#)

[Postdoc position opportunity at University of Skövde in collaboration with TATAA](#)

[“High Throughput Technologies for Single Cell Genetic Analysis” by Richard Mathies](#)

[“PCR in-depth focus”](#)

[Read “PCR @ 30: 30 Years Young and Still Evolving” by Mikael Kubista in GEN and interview of Kary Mullis, the inventor](#)

of PCR

TATAA publishes on single cell lysis in *Frontiers in Oncology*

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](#)



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