

# Course

## Reliable Capillary Electrophoresis methods for (bio) pharmaceuticals

11 – 12 June 2018, the Netherlands

**We need both scientific knowledge and practical experience in order to soundly implement a new technique in a regulatory controlled environment.**

This course demystifies the secrets of what happens inside a capillary and explains the fundamentals and operating modes of capillary electrophoresis from the ground up, with a special focus on (bio)pharmaceutical applications. The influence of key operating parameters and good working practice will be discussed. The method validation focuses on the ICH Q2 guideline, with many real-life examples from the pharmaceutical and biotech industry.

### For whom

This course aims at scientists and technicians that want a better understanding of the technique, or that want to implement or start with CE and want to be well prepared.

### Course content

- Separation mechanism: what happens inside a capillary
- Different modes of CE, including CZE, CGE and cIEF
- CE instrumental aspects and Good Working Practices
- Method validation purpose and phase-related approach
- ICH Q2 guideline for analytical method validation

- *Early bird reduced fees until 15 March 2018*
- *Deadline for registration 1 May 2018*
- *Register at [info@kantisto.nl](mailto:info@kantisto.nl)*

## Learning outcome

After this course, you will have a better understanding of the basics of capillary electrophoresis and several of its working modes and you will be able to select the right CE mode to the purpose of your analysis. You will have a better understanding about the good working practice and critical method parameters of biotech applications. You will have a good understanding on the validation parameters from a CE point of view as well as from a patient safety perspective and you will be able to make a to-the-point validation protocol. Your gain in knowledge will increase the success rate of implementing capillary electrophoresis in the (bio)pharma lab.

## Registration

Course fee: € 1695 + VAT. Reduced course fee of € 1495 + VAT when registering before 15 March 2018. Detailed conditions on [www.kantisto.nl](http://www.kantisto.nl). Location: Naarden-Bussum (25 km from Amsterdam).

Register by sending an e-mail with your name and contact details to: [info@kantisto.nl](mailto:info@kantisto.nl). Minimum attendance 5 attendees, maximum 15 attendees. Refund policy: Written cancellation before 1 April 2018 will result in a full refund minus a 20 % processing fee. Cancellation made after 1 April 2018 will not be refunded, but registration can be transferred to another person.

*Kantisto also offers on-site in-company courses with content tailored to you needs.*

## Feedback from previous courses

- I learned what is happening inside the CE. That is in my opinion the most important to know.*
- The course provided excellent background knowledge and information how to maintain the instrument and work according to "good CE practice".*
- I liked very much the practical approach and the many "tricks of the trade" that are in the course. Cari knows very well what she is talking about and is clearly very experienced. She also knows how to transfer this knowledge.*
- Cari gave simple and helpful examples to explain difficult topics.*
- The course was very didactic. Deep understanding of our processes from the teacher and a good approach of the technique through QbD*
- Not only we got a more complete picture about CE, we also got more background to optimize and understand our own applications.*
- The course handouts could be my CE bible!*



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