

# Course

## Reliable Capillary Electrophoresis methods for biopharmaceuticals

22 – 23 June 2020, the Netherlands

### Over 95% of BLAs submitted today contain CE methods for characterization and/or release

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 biopharmaceutical applications. The influence of key operating parameters and good working practice will be discussed. The method validation focuses on the ICH Q2 guideline and method life cycle management, 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 best practices
- Platform methods and AQBd method development
- Method validation purpose and phase-related approach
- ICH Q2 guideline for analytical method validation

- *Early bird reduced fees until 10 March 2020*
- *Deadline for registration 10 May 2020*
- *Register at [info@kantisto.nl](mailto:info@kantisto.nl)*

## Learning outcome

After this course, you will have a better understanding of the basics of CE, CE-SDS, cIEF and CZE 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 using capillary electrophoresis in the (bio)pharma lab.

## Registration

Course fee: € 1695 + VAT. Reduced course fee of € 1545 + VAT when registering before 10 March 2020. 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 15 April 2020 will result in a full refund minus a 20 % processing fee. Cancellation made after 15 April 2020 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 recommend this course because you'll learn all about factors influencing your final result*
- *Good course, well prepared. Cari has a lot of experience and this is noticeable. Also Cari is good in transferring knowledge in a comprehensive way.*
- *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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