PerkinElmer warmly welcomes you to attend a training session in our Center of Excellence in Hamburg!

Free from everyday distractions and without interfering with the normal routines of your own lab, you'll get hands-on experience in a dedicated lab environment equipped with the latest equipment, software and supplies.

Our course fee includes accommodation (depending on the course length), local transportation as well as lunch and refreshments. You also have a chance to learn from co-attendees from different countries and to expand your professional network. All practical arrangement excluding travel are handled by the PerkinElmer Training Team.

Interested? Contact us to learn more!

Contact us at training.hamburg@perkinelmer.com for more information on our training offering!
APPLIED GENOMICS PRODUCT TRAINING

LabChip® User Training

This 2-day hands-on course enables new users or users implementing new assays to analyze their samples using LabChip technology with confidence. The training covers the following topics:

- Best practices for using your LabChip instrument
- Review of best practices for running chips and kits
- Hands-on chip preparation and sample analysis
- Data reviewing & troubleshooting

Part number: EDU-AG1001HAM

Janus® G3 User Training

This 3-day session provides users with the skills to set up new automated applications independently, to optimize pipetting performance and to perform basic maintenance tasks on the JANUS G3 Liquid Handler. The training covers the following topics:

- Deck calibration
- Creation and implementation of labware
- Introduction to liquid handling concepts
- Best practices guidelines for when developing new applications
- Hands-on application development using the wizard templates in WinPREP® software
- Best practices for pipetting performance optimization
- Introduction to using worklists and hands-on exercises
- Executing basic maintenance tasks

Part number: EDU-AG01002HAM

Maestro® Advanced Training

This 3-day session allows users to set-up new (NGS) applications independently, to alter existing (NGS) applications, to optimize pipetting performance and to perform basic maintenance tasks on the Sciclane®G3 and Zephyr®G3 (NGS) workstations. The training covers the following topics:

- Review of the Maestro® software architecture
- Hands-on method development using high level, low level and method control instruction commands
- Introduction to variables and hands-on exercises
- Introduction to importing worklists and hands-on exercises
- Best practices for pipetting performance optimization
- Running VBANSTA macro’s and hands-on exercises
- Executing basic maintenance tasks

Part number: EDU-AG1004HAM

NGS Library Prep Training

This 1.5-days course enables users to run their pre-installed NGS applications according to our best practices. The training covers the following topics:

- Introduction to the system hardware and software
- Hands-on walk-through various NGS library preparation methods
- Best practices, tips, tricks and guidelines for optimal results
- Troubleshooting

Part number: EDU-AG1003HAM

NGS Library Prep Training

This 3-day session allows users to set-up new (NGS) applications independently, to alter existing (NGS) applications, to optimize pipetting performance and to perform basic maintenance tasks on the Sciclane®G3 and Zephyr®G3 (NGS) workstations. The training covers the following topics:

- Review of the Maestro® software architecture
- Hands-on method development using high level, low level and method control instruction commands
- Introduction to variables and hands-on exercises
- Introduction to importing worklists and hands-on exercises
- Best practices for pipetting performance optimization
- Running VBANSTA macro’s and hands-on exercises
- Executing basic maintenance tasks

Part number: EDU-AG1004HAM
This service provides users with a full day in the lab with one of our application specialists. The users get a chance to dive into their own, very specific cases, examples or requirements, assisted by our experts. This service enables an interactive and personal approach to solve user-specific problems and to discuss different strategies to tackle a certain challenge. Access to the lab provides hands-on practice and execution on the instrument of interest, to maximize the return on investment.

Part number: EDU-AG1006HAM
LIFE SCIENCES PRODUCT TRAINING

LSC – Basic Course

This 3-day course will cover the basics of liquid scintillation counting and is suitable for all participants who use LSCs in their daily laboratory work and want to use the instrument with optimal settings. Part of the training is the QuantaSmart software. In addition to the theoretical basics, another focus is on practical work with the instruments to gain a deeper understanding of this technology. Several Tri-Carb liquid scintillation counters are available for the practical part. The training covers the following topics:

- Beta-Emitter
- Liquid scintillation counter
- Basic theory
- Beta-spectra
- Sample preparation
- Beta- and Gamma spectral distributions
- Quench
- Dual labeling
- Gamma & Cerenkov-measurements

Part number: N0236520 (German course), N0236521 (English course)

LSC – Advanced Course

This 2-day course is suitable for all participants who already have a basic understanding of liquid scintillation counting theory and want to deepen their knowledge of specific topics. Part of the training is the QuantaSmart software. Instruments of the Tri-Carb and Quantulus GCT series are available for hands-on training. The training covers the following topics:

- Methods determining the sample quench
- Colour quench correction
- Alpha/Beta-discrimination
- Dual label measurements
- LSC & Chemiluminescence
- Problems during sample preparation
- Chemiluminescence
- Customer specific applications
- Low-Level measurements

Part number: N0236522 (German course), N0236523 (English course)
LIFE SCIENCES PRODUCT TRAINING

PerkinElmer High Content Basic Training

This 2.5-day training course is intended for users who are starting to work on a
PerkinElmer High Content Screening System, such as an Operetta CLS™ or Opera
Phenix™ and want to gain more confidence in imaging and analyzing their samples
independently. The training covers the following topics:

- Principles of High Content Screening
- System operation
- Image acquisition protocol creation
- Image analysis
- Key principles of the Harmony™ software
- Optimization of existing algorithms
- Design of new algorithms using
  Harmony™ building blocks

Part number: N0239824