



Thermo Scientific High Content Screening and Analysis Training Courses

Training to Help You Meet Your Research Challenges

The Advantages Stack Up

Our Thermo Scientific Cellomics Instrumentation training courses have provided training solutions for high content screening and analysis for more than 5 years. As HCS technologies continue to evolve, our training portfolio provides the knowledge and resources necessary to meet your research challenges. From the fundamentals of cell based assays, instrument and software operation, to process enhancement and methods development, each course is designed to provide the critical skills and knowledge to ensure real-world value in your HCS laboratory.

Thermo Scientific training courses will help you:

- Improve productivity
- Optimize assays for unique biology
- Improve research decision making
- Increase equipment utilization
- Manage and analyze data effectively



HCS 100 Series Courses

HCS 101, Introductory Overview

4 days

This is our flagship course that explores a broad range of HCS concepts. Participants will gain a comprehensive understanding of our platform and learn the skills needed to obtain high-quality data. Delivering a balance of hardware, software and assay development training, new or experienced users will gain confidence in their assay development abilities. You'll master the fundamentals of HCS via lectures, hands-on training, and one-on-one sessions. Courses are offered throughout the year on a regular basis. Please refer to our website for upcoming dates.

Topics include:

- Assay design
- Imaging fundamentals
- Algorithm optimization

HCS 102, High Content Informatics

2 days

Data management, organization, and data retrieval are critical for HCS success. This course provides critical HCI training for professionals responsible for the network, database, and software surrounding HCS. Our hands-on approach will help you get the most from your data.

Topics include:

- Installation
- Store data module
- Network topology
- Image and data management
- Spooling and gateways
- Troubleshooting and maintenance

HCS 200 Series Courses

2 days

Choose from a range of courses that focus on the techniques and protocols required for your specific application. Designed for advanced users, you'll receive in-depth training in specific therapeutic disciplines. Course content is extremely "hands-on" therefore class-size is limited. Participants are encouraged to bring a small number of sample plates for review with our scientists.

Courses include:

- HCS 201, Toxicology
- HCS 202, Cancer Research
- HCS 203, RNAi
- HCS 204, Neuroscience

On-demand Training

Our HCS courses are taught by experienced instructors at our Pittsburgh facility. Course sizes are kept to a minimum to ensure each student has access to instruments, as well as time to address their specific topics of interest. If you require training on an instrument, analytical software, techniques or methods not listed please call us! Our instructors will work with you to design a course that will meet your particular requirement—taught at your facility or ours!



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