



2024 Educational Programs

On-the-bench and software analysis training

Enhance your technical skills and bolster your confidence

At Thermo Fisher Scientific, we deeply value the power of learning and knowledge. With a rich legacy of innovation and a commitment to advancing science, we understand that education is the foundation of progress. That's why we are thrilled to introduce a year filled with exciting learning opportunities designed to cater to individuals at every level of knowledge.

Our 2024 Educational Program is more than just a brochure; it's a testament to our dedication to fostering curiosity, inspiring discovery, and empowering individuals to excel in their scientific endeavors. Whether you are a seasoned professional seeking to expand your expertise or a curious mind eager to explore the world of HLA, our program offers a wide range of educational experiences to meet your needs and aspirations. Join us on a transformative journey of discovery and growth as we embark on this educational adventure together.

Training levels and curriculum overviews

Course content for our specialty programs is designed to target various levels of proficiency, each with tailored learning goals. Whether you're just beginning or have advanced experience, we're here to provide supplemental guidance to help you go further.

Beginner

Through product and software videos and presentation decks delivered online as targeted webinars, our basic-level curriculum aims to help users gain familiarity with One Lambda™ HLA typing and antibody detection product application.

After completing a basic course, users should be able to demonstrate an understanding of assay principles and data interpretation.

Curriculum content may include:

- Basics of HLA
- Product workflow theory
- Product line overview
- Introduction to software utility and data analysis

Intermediate

Through online product and software videos, presentation decks, and data sets, as well as in-person bench training and workshops, this level of curriculum aims to help users become competent in One Lambda HLA typing and antibody detection products.

After completing an intermediate course, users should have fluency with assay workflow, bench technique, basic troubleshooting, and in-depth data analysis.

Curriculum content may include:

- Basic troubleshooting
- In-depth understanding of chemistry and workflow
- In-depth data analysis

Advanced

Through online product and software videos, presentation decks, and data sets delivered online as targeted webinars, our advanced course curriculum aims to help users demonstrate mastery of One Lambda HLA typing and antibody detection products.

After completing an advanced course, users should have fluency in advanced troubleshooting in bench workflow and data analysis to solve complex cases.

Curriculum content may include:

- Common anomalies, workarounds, and resolutions
- Complex data analysis
- Advanced troubleshooting
- Case studies



On the bench & software trainings

On-the-Bench topics include: One Lambda™ AllType™ FASTplex™ NGS, One Lambda™ LABType™, One Lambda™ LABScreen™, TypeStream™ Visual NGS Software, One Lambda™ HLA Fusion™ Software

Join us for one of our dynamic three-day courses set in small classrooms, offering intimate training that seamlessly integrates hands-on “On the Bench” techniques and in-depth HLA software training. Guided by subject matter experts and our seasoned technical teams, these immersive experiences ensure a comprehensive exploration of HLA diagnostics, allowing you to better understand best practices on the bench and how to analyze complex data sets. Enhance your technical skills and bolster your confidence through interactive sessions designed to refine your expertise in the field.

On-the-Bench and Software Training

AllType FASTplex NGS and TypeStream Visual NGS Software (Illumina)

Location: West Hills, CA

Date: February 20-22, 2024

Content level: Beginner - Intermediate

Format: In-Person

Fee: \$

CEC eligible

On-the-Bench and Software Training

AllType FASTplex NGS and TypeStream Visual NGS Software (Illumina)

Location: Fishers, IN

Date: October 8-10, 2024

Content level: Beginner - Intermediate

Format: In-Person

Fee: \$

CEC eligible

On-the-Bench and Software Training

LABType Assays, LABScreen Assays, and HLA Fusion Software

Location: West Hills, CA

Date: April 23-25, 2024

Content level: Beginner-Intermediate

Format: In-Person

Fee: \$

CEC eligible

On-the-Bench and Software Training

LABType Assays, LABScreen Assays, and HLA Fusion Software

Location: Fishers, IN

Date: August 7-9, 2024

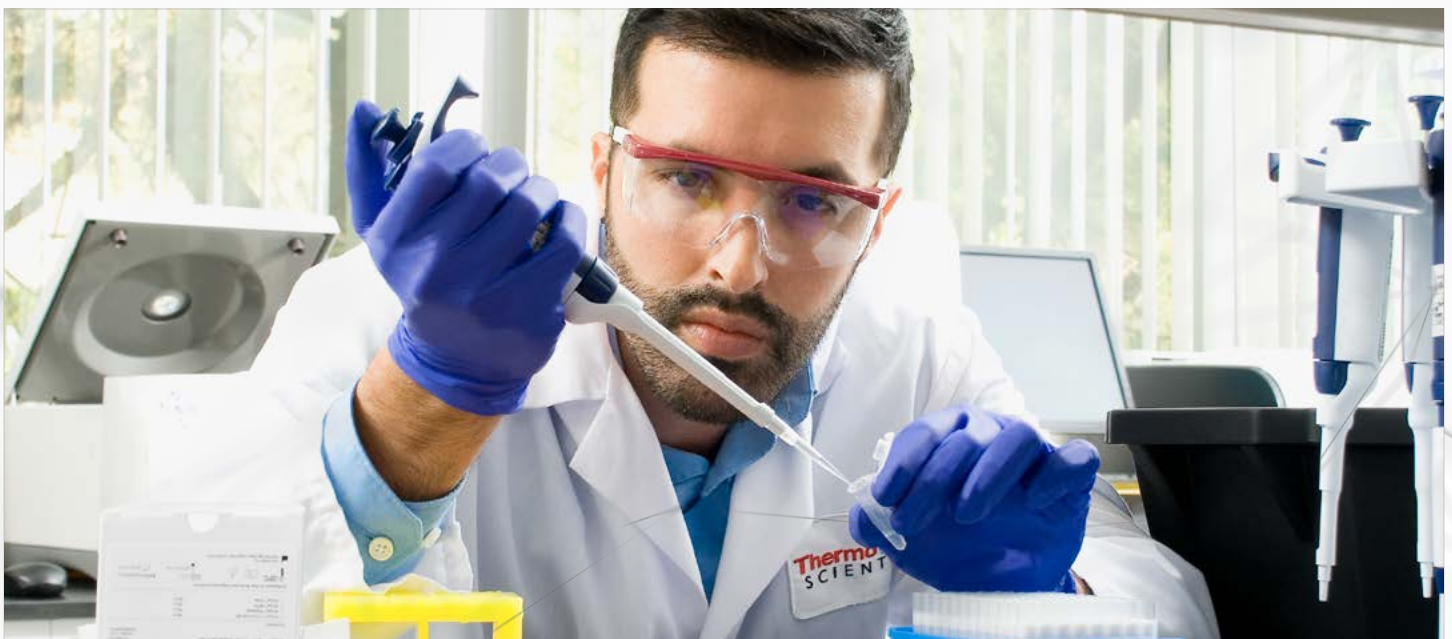
Content level: Beginner - Intermediate

Format: In-Person

Fee: \$

CEC eligible

For complete details about both programs, including locations, prerequisites, and registration deadlines, visit go.1lambda.com/educational-programs.



Software workshops

HLA Software Training, topics include: TypeStream™ Visual NGS Software and One Lambda™ HLA Fusion™ - MatchMaker Module

Elevate your expertise and boost your confidence in mastering complex analysis through this dynamic three-day course. Delve into intermediate-level concepts during the first two days, paving the way for advanced exploration on day three.

Experience in-depth software feature demonstrations and practical case studies, equipping you with the skills to effectively harness our HLA software. Dive into the intricacies of LABType, LABScreen, and AllType FASTplex data sets, and develop the confidence to interpret challenging samples.

Additionally, gain an exclusive introduction to HLA MatchMaker's capabilities and advantages. This course promises to enhance your technical prowess and expand your knowledge in HLA software, offering a transformative learning experience.

Software Workshop

TypeStream Visual NGS Software and HLA Fusion Software with HLA MatchMaker

Location: Pittsburgh, PA

Date: May 14-16, 2024

Content level: Intermediate–Advanced

Format: In-Person

Fee: \$

CEC eligible

China Software Workshop **NEW**

Various products

Location: Shanghai, China

Date: June 12-14, 2024

Content level: Intermediate–Advanced

Format: In-Person

Fee: \$

European Software Workshop **NEW**

TypeStream Visual NGS Software and HLA Fusion Software with HLA MatchMaker

Location: Darmstadt, Germany

Date: November 5-7, 2024

Content level: Intermediate–Advanced

Format: In-Person

Fee: \$



For complete details about both programs, including locations, prerequisites, and registration deadlines, visit go.1lambda.com/educational-programs.

Virtual programs

Topics include: HistoTrac, Back to Basics, Virtual Workshop Series

We offer three virtual workshops designed to ensure participants at any stage of their learning journey can enhance their understanding and practical skills in the field of HLA.

“Back to Basics: An Introduction to HLA” caters to beginners, providing fundamental knowledge about HLA genetics and terminology. The “Virtual Workshop Series” covers a broad range of One Lambda products, real case studies, and emerging topics in the field, suitable for intermediate to advanced learners. Lastly, the “HistoTrac Software Series” focuses on mastering HistoTrac software and utilizing complex functionality.

Back to Basics **NEW**

HLA Fundamentals

Date: January-November (6 part-series)

Content level: Beginner

Format: Virtual

Fee: Free

CEC eligible

Virtual Workshop Series

HLA Fusion Software with HLA

MatchMaker and TypeStream

Visual NGS Software

Date: February-December
(6 part-series)

Content level: Intermediate-Advanced

Format: Virtual

Fee: Free

CEC eligible

HistoTrac Software Series **NEW**

HistoTrac Software

Date: April-June (3-part series)

Content level: Beginner-Advanced

Format: Virtual

Fee: Free

CEC eligible

Visit our learning center to access previously recorded virtual workshops and events: go.1lambda.com/educational-programs



Regional workshops

Spend four highly informative days gaining additional product knowledge and confidence in your technical review of complex analysis data. This technical course focuses on One Lambda™ HLA molecular and antibody products, teaching you about key HLA Fusion and TypeStream Visual 3.0 software functionality and providing insight from reviewing challenging LABType, One Lambda™ LinkSēq™, LABScreen, and AllType assay case studies. Our technical specialists will also provide an in-depth review of LABScreen and HLA MatchMaker technologies—eplet matching and eplet analysis.

Developed based on regional needs, these workshops are available in Europe, Latin America, Asia Pacific, and the Middle East.



Europe Advanced User Workshop

Various products

Location: Budapest, Hungary

Date: Mar. 18-22, 2024

Content level: Intermediate–Advanced

Format: In-Person

Fee: \$

LATAM Advanced User Workshop

Various products

Location: Mexico City, Mexico

Date: July 15-19, 2024

Content level: Intermediate–Advanced

Format: In-Person

Fee: \$

APAC Advanced User Workshop

Various products

Location: Taipei, Taiwan

Date: Sept. 23-27, 2024

Content level: Intermediate–Advanced

Format: In-Person

Fee: \$

Middle East Advanced User Workshop

Various products

Location: Dubai, UAE

Date: Dec 9-13, 2024

Content level: Intermediate–Advanced

Format: In-Person

Fee: \$

For complete program details, including prerequisites and registration deadlines, visit go.1lambda.com/educational-programs.

e-Learning: Clinical learning series

e-Learning – Clinical Learning Series **NEW**

Our Comprehensive HLA Transplant Coordination Series is designed to provide you with the specialized expertise and insights required to excel in your crucial role. This three-part e-learning series is tailored to equip you with the latest advancements, best practices, and critical competencies necessary to navigate the complex world of Human Leukocyte Antigen (HLA) transplant coordination effectively.

Clinical HLA Series **NEW**

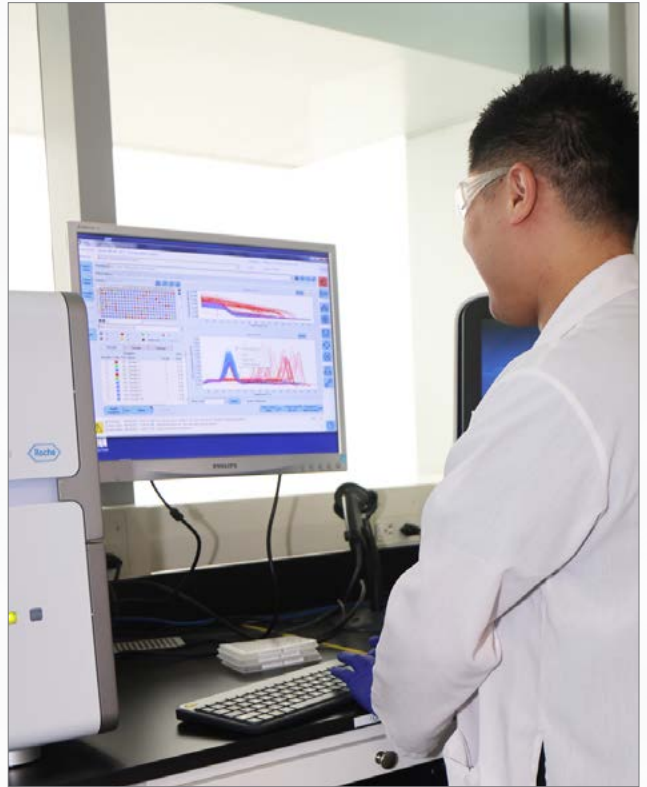
Content level: Beginner-Advanced

Format: Virtual- On-Demand

Fee: Free

CEPTC eligible

For complete program details, including prerequisites and registration deadlines, visit go.1lambda.com/educational-programs.



38th Annual HLA & Transplant Workshop

Annual HLA & Transplant Workshop

This annual HLA & Transplant Workshop serves as a platform for directors, clinicians, and technologists to share cutting-edge research, engage in challenging discussions, and showcase innovative technologies. By fostering a dynamic exchange of knowledge and connections, this meeting accelerates the pace of innovation, ultimately helping to shape the future of HLA.

38th Annual HLA & Transplant Workshop

Location: Carlsbad, CA

Date: March 13-16, 2024

Content level: Intermediate–Advanced

Fee: \$

For complete program details, including prerequisites and registration deadlines, visit go.1lambda.com/educational-programs.

2024 training and workshop offerings

Learn more about each program on pages four through eight. To register, visit go.1lambda.com/educational-programs.

JANUARY

Back to Basics **NEW**

HLA Fundamentals

Date: January 30, 2024

Content level: Beginner

Format: Virtual

Fee: Free

FEBRUARY

On-the-Bench and Software Training

AllType FASTplex NGS and TypeStream Visual NGS Software (Illumina)

Location: West Hills, CA

Date: February 20-22, 2024

Content level: Beginner - Intermediate

Format: In-person

Fee: \$

Virtual Workshop Series

HLA Fusion Software with HLA MatchMaker and TypeStream Visual NGS Software

Date: February 27, 2024

Content level: Intermediate-Advanced

Format: Virtual

Fee: Free

MARCH

38th Annual HLA & Transplant Workshop

Location: Carlsbad, CA

Date: Mar 13-16, 2024

Content level: Intermediate-Advanced

Format: In-person

Fee: \$

Europe Advanced User Workshop

Various products

Location: Budapest, Hungary

Date: Mar. 18-22, 2024

Content level: Intermediate-Advanced

Format: In-person

Fee: \$

Back to Basics **NEW**

HLA Fundamentals

Date: March 26, 2024

Content level: Beginner

Format: Virtual

Fee: Free

APRIL

On-the-Bench and Software Training

LABType Assays, LABScreen Assays, and HLA Fusion Software

Location: West Hills, CA

Date: April 23-25, 2024

Content level: Beginner-Intermediate

Format: In-person

Fee: \$

Virtual Workshop Series

HLA Fusion Software with HLA MatchMaker and TypeStream Visual NGS Software

Date: April 30, 2024

Content level: Intermediate-Advanced

Format: Virtual

Fee: Free

HistoTrac Software Series **NEW**

HistoTrac Software

Date: April-June (3-part series)

Content level: Beginner-Advanced

Format: Virtual

Fee: Free

MAY

Software Workshop

TypeStream Visual NGS Software and HLA Fusion Software with HLA MatchMaker

Location: Pittsburgh, PA

Date: May 14-16, 2024

Content level: Intermediate-Advanced

Format: In-Person

Fee: \$

Back to Basics **NEW**

HLA Fundamentals

Date: May 28, 2024

Content level: Beginner

Format: Virtual

Fee: Free

HistoTrac Software Series **NEW**

HistoTrac Software

Date: April-June (3-part series)

Content level: Beginner-Advanced

Format: Virtual

Fee: Free

JUNE

China Software Workshop **NEW**

Various products

Location: Shanghai, China

Date: June 12-14, 2024

Content level: Intermediate-Advanced

Format: In-person

Fee: \$

Virtual Workshop Series

HLA Fusion Software with HLA MatchMaker and TypeStream Visual NGS Software

Date: June 25, 2024

Content level: Intermediate-Advanced

Format: Virtual

Fee: Free

HistoTrac Software Series **NEW**

HistoTrac Software

Date: April-June (3-part series)

Content level: Beginner-Advanced

Format: Virtual

Fee: Free

JULY

LATAM Advanced User Workshop

Various products

Location: Mexico City, Mexico

Date: July 15-19, 2024

Content level: Intermediate-Advanced

Format: In-person

Fee: \$

Back to Basics **NEW**

HLA Fundamentals

Date: July 30, 2024

Content level: Beginner

Format: Virtual

Fee: Free

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2024 training and workshop offerings

AUGUST

On-the-Bench and Software Training

LABType Assays, LABScreen Assays, and HLA Fusion Software

Location: Fishers, IN

Date: August 7-9, 2024

Content level: Beginner - Intermediate

Format: In-person

Fee: \$

Virtual Workshop Series

HLA Fusion Software with HLA MatchMaker and TypeStream Visual NGS Software

Date: August 27, 2024

Content level: Intermediate-Advanced

Format: Virtual

Fee: Free

SEPTEMBER

APAC Advanced User Workshop

Various products

Location: Taipei, Taiwan

Date: Sept. 23-27, 2024

Content level: Intermediate-Advanced

Format: In-person

Fee: \$

OCTOBER

Back to Basics **NEW**

HLA Fundamentals

Date: October 1, 2024

Content level: Beginner

Format: Virtual

Fee: Free

On-the-Bench and Software Training

AllType FASTplex NGS and TypeStream Visual NGS Software - Illumina

Location: Fishers, IN

Date: October 8-10, 2024

Content level: Beginner - Intermediate

Format: In-person

Fee: \$

Virtual Workshop Series

HLA Fusion Software with HLA MatchMaker and TypeStream Visual NGS Software

Date: October 29, 2024

Content level: Intermediate-Advanced

Format: Virtual

Fee: Free

NOVEMBER

European Software Workshop **NEW**

TypeStream Visual NGS Software and HLA Fusion Software with HLA MatchMaker

Location: Darmstadt, Germany

Date: November 5-7, 2024

Content level: Intermediate-Advanced

Format: In-person

Fee: \$

Back to Basics **NEW**

HLA Fundamentals

Date: November 19, 2024

Content level: Beginner

Format: Virtual

Fee: Free

DECEMBER

Middle East Advanced User Workshop

Various products

Location: Dubai, UAE

Date: Dec 9-13, 2024

Content level: Intermediate-Advanced

Format: In-person

Fee: \$

Virtual Workshop Series

HLA Fusion Software with HLA MatchMaker and TypeStream Visual NGS Software

Date: Dec 17, 2024

Content level: Intermediate-Advanced

Format: Virtual

Fee: Free

How to register

For further information or to register on any of the courses listed, please use the following:

Email:

tdx-tts@thermofisher.com

Web:

go.1lambda.com/educational-programs

Address:

Thermo Fisher Scientific
22801 Roscoe Blvd.
West Hills, CA 91304



For more information or to register for programs,
visit go.1lambda.com/educational-programs
or email us at tdx-tts@thermofisher.com

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