American Foundation for Donation and Transplantation
Histocompatibility Specialist Course Registration
Registration will open in mid-January.

Please print or type.

Name: ____________________________
Affiliation: _______________________
Business Address: _______________________
City, State, Zip: _______________________
Phone: ____________________________
Email: ____________________________
Emergency Contact (Name & Phone): _______________________

Check one:
□ Director
□ New Laboratory Director
□ Laboratory Manager
□ Other

A check must accompany this form to ensure registration. Make checks payable to American Foundation for Donation and Transplantation. Credit cards are accepted.

Mail check & form to: AFDT, 8154 Forest Hill Avenue, Suite 3, Richmond, VA 23235-3255

Registration Fees (in US dollars)
Before May 22 $1,600.00
After May 23 $1,800.00
Optional Review Session $125.00

Refunds will be made when requested in writing before April 30, 2018. A $100 fee will be charged on all refunds. There will be no refunds after May 15, 2018.

For information and registration, contact:
Arlene M. Skinner, Manager
Continuing Education & Conference Planning
8154 Forest Hill Avenue, Suite 3, Richmond, VA 23235-3255
Tel: 804-323-9893; Fax: 804-323-1300; Email: skinner@amfdt.org

Check one of the following:
□ Yes, I have read the registration form and agree to the terms and conditions.
□ No, I do not agree to the terms and conditions.

Highly recommended review:

Recommended review:

Reading for DNA & Stem Cell Lectures:
6. ABHI Standards based on DNA-based HLA typing.
Program objective is to establish a structured program leading to ABHI Histocompatibility Specialist Certification (CHS). Each student will receive a comprehensive course presentation in didactic and interactive discussion format. The curriculum focuses on histocompatibility testing:

- Theory and principle
- Application

**APPLICANT REQUIREMENTS:**

- Technologist in Histocompatibility Testing, with a minimum of 3 years working experience and clinical or laboratory director; active ASHI membership (recommended); and pre-requisite reading completed.

This course will have a limited number of registrants; early registration is encouraged.

**CURRICULUM:**

**HISTOCOMPATIBILITY SPECIALIST CURRICULUM 2018**

**FRIDAY, JUNE 22**

- Thymic Selection
- Immunoregulation & Tolerance
- Allograft Rejection: types and diagnosis
- Solid Organ Transplant Immunology

**SATURDAY, JUNE 23**

- Clonal Deletion
- Pathology
- Allograft pathology
- "Laws" of Transplantation
- Basic Concepts of Transplantation Immunology
- Regulatory Cells
- "Laws" of Transplantation

**WEDNESDAY, JUNE 27**

- Activation vs. Inhibition: Signals & Pathways
- Antibody and Complement & Tools
- Apoptosis and Activation
- C' Activation and Accommodation
- Endothelial Crossmatch

**THURSDAY, JUNE 28**

- Designing a QA Program
- Implementing an Effective QA Program
- HSC transplantation Procedure
- Test Interpretation

**SUNDAY, JUNE 24**

- Dynamic Selection
- Applications and Activations
- Clinical Decision
- Regular Values

**MONDAY, JUNE 25**

- Introduction to Immunology
- Intra-Antigenic
- Intra-Dendritic Cell Repertoire
- T Cells
- NK Cells and NK Receptors

**TUESDAY, JUNE 26**

- Basic Concepts of the Flow Cytometry
- Principles of the Flow Cytometry
- Role of Flow Cytometry in supporting clinical practice
- Role of Flow Cytometry in supporting clinical practice
- Clinical correlative studies

**SUNDAY, JUNE 22**

- Selection: T Cells, B Cells, NK Cells
- NK Cells
- Gene Transmission – Mendelian Genetics
- NK Cells and NK Receptors

**MONDAY, JUNE 25**

- HLA Disease Associations
- HLA Disease Associations
- Genetic Polymorphism, Variable Sites, Generation, Maintenance, Unrelated Search
- NK Cells and NK Receptors

**TUESDAY, JUNE 26**

- Molecular Biology Techniques: PCR
- Molecular Biology Techniques: PCR
- Molecular Biology Techniques: PCR
- Molecular Biology Techniques: PCR

**WEDNESDAY, JUNE 27**

- DNA-Based HLA Typing Techniques
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- DNA-Based HLA Typing Techniques

**THURSDAY, JUNE 28**

- HLA Informatics
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**SATURDAY, JUNE 23**

- Immunology
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**1ST CONGRESS OF THE HISTOCOMPATIBILITY SPECIALISTS CURRICULUM 2018**

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