

## Immunohematology training program

For blood bank technicians

### Level 1

#### Course Objective

To provide methodology and techniques for solving simple immunological problems encountered daily in a blood bank laboratory.

#### Training Program

- Basic concepts and analyses in blood banking
- Basics of immunology
- ABO system and mismatches
- Rh system
- Lewis system
- The different blood group systems including Kell, Kidd, Duffy, MNS, P1PK and Globoside
- Antibody identification
- Transfusion protocol
- Prenatal testing
- Quality control
- Molecular Biology
- Preparation and production of monoclonal antibodies for blood bank laboratories
- Rare cell preservation

#### Duration and terms

20 hours of theoretical training - Online training (3 months of access to content)

- **7 hours of videos**
- **18 modules**
- **8 case studies**
- 

Level 1 courses are offered in French, English and Spanish.

#### Accredited training

The hours of training offered in Level 1 (20h) of Héma-Québec's erythrocyte immunology course are recognized by the **Ordre professionnel des technologistes médicaux du Québec** and by the **Canadian Society for Medical Laboratory Science**.



Register

#### Do you have questions about the immunohematology training program?

Contact us!

1800 267-9711, extension 2000  
education@hema-quebec.qc.ca