

Immunology/Serology GUIDED TRAINING

Professional Growth and Learning

Introduction

Professional and Development Programs at King Faisal Specialist Hospital & Research Centre (KFSH&RC) are designed to enhance the skills and knowledge of healthcare professionals and other related disciplines. These programs aim to ensure that staff remain up-to-date with the latest medical practices, technologies, and research advancements. Through a variety of workshops, training sessions, and certifications, KFSH&RC fosters continuous learning and professional growth, ultimately improving patient care and hospital services.

Overview of On-The-Job Training (OJT) Programs

On-The-Job Training Programs at King Faisal Specialist Hospital & Research Centre (KFSH&RC) are designed to provide employees with hands-on experience in their specific fields while they work. These programs aim to enhance practical skills and ensure that staff are fully equipped to handle their responsibilities effectively. By integrating training directly into the workplace, KFSH&RC ensures that employees can apply what they learn immediately, leading to improved performance and a more efficient work environment.

Apprenticeship Training Programs (ATP)

The Structured Apprenticeship Training Program (ATP) at King Faisal Specialist Hospital and Research Centre (KFSH&RC) is a premier on-the-job training initiative. This program is meticulously designed to enhance the knowledge and skills required in specialized areas, ensuring participants become highly qualified professionals. KFSH&RC's ATP program is delivered by expert preceptors who use state-of-the-art equipment and technology to provide an engaging and comprehensive learning experience. The program duration ranges from one week to six months, offering a structured training plan that encompasses all the essential competencies needed for success in your field.

ATP Program:

Immunology/Serology Guided Training

Program Overview:

The Immunology and Infectious Disease Serology Training Program is designed to equip trainees with the essential knowledge and practical skills needed to perform a variety of immunological, serological, and electrophoresis techniques essential for disease diagnosis. This comprehensive program delves into the fundamental principles of antigen-antibody reactions, including precipitation, agglutination, ELISA, chemiluminescence, and fluorescent antibody technologies. Trainees will also learn to apply these immunological techniques specifically in diagnosing bacterial, viral, parasitic infections, and immunological diseases. Furthermore, the program covers the basic principles of protein electrophoresis in serum and urine, teaches the methods to detect monoclonal

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gammopathy, and provides training on how to interpret results of protein and immunofixation electrophoresis to correlate them with associated disease conditions. This training ensures that participants are well prepared to contribute effectively to diagnostic laboratories.

Program Objectives:

By the end of the training, participants will:

- Relate the basic principles of antigen antibody reactions, precipitation, agglutination, ELISA, chemiluminescence and fluorescent antibody technology.
- Demonstrate immunological techniques in the diagnosis of bacterial infections, viral infections,
- Parasitic infections and for immunological diseases.
- Compare and contrast various techniques of laboratory assessment for host immunity.
- Demonstrate the basic principles of protein electrophoresis in both serum and urine and describe the methods applied to detect monoclonal gammopathy.
- Interpret the results of protein and immunofixation electrophoresis and relate results with associated disease conditions.

Acceptance Criteria:

- Minimum 1 year experience in Immunology or Serology Laboratory or 2 years in Core Laboratory
- Bachelor's Degree or higher in Medical Laboratory Programs, MLS / MLT or Bachelor's Degree in Biochemistry or Microbiology
- Certified Laboratory specialist or technician by SCHS or equivalent

Duration:

- Nine Weeks.

Benefits:

- Medical coverage as per hospital policy.
- Certificate of completion.

Fees:

- 2,000 SAR per month (excluding 15% VAT).

Contact Information:

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Apply via QR Code:

