

# ST. MICHAEL'S HOSPITAL, DEPARTMENT OF LABORATORY MEDICINE DIVISION OF PATHOLOGY

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## 1. INTRODUCTION

The Department of Laboratory Medicine provides an essential service for patient care, and is involved in both research and teaching activities. The Department is comprised of five main divisions: Pathology, Clinical Chemistry, Hematology, Transfusion Medicine, and Microbiology. Each division has its own postgraduate educational program designed to provide the trainee with an in-depth exposure to that area of laboratory medicine. In addition, a postgraduate educational program in General Pathology allows for trainees to experience all aspects of laboratory medicine. Because laboratory services play a central role in patient care and diagnosis, postgraduate trainees from other disciplines and programs frequently rotate through the Department of Laboratory Medicine.

The Division of Pathology is located on the 2<sup>nd</sup> floor of the Cardinal Carter Wing. The post-graduate educational program in anatomical pathology covers the spectrum of surgical pathology, including gross and microscopic diagnosis, cytology, and autopsy pathology. Typically, there will be 3-4 residents from anatomical pathology doing core surgical pathology rotations, electives, or senior rotations. In addition, trainees from other disciplines outside of Laboratory Medicine, most notably General Surgery, and medical students may be present doing elective rotations. All trainees participate directly in the handling, processing, and examination of pathology specimens. Trainees are expected to follow their cases through all stages of processing, including macroscopic description, blocking, and to review the microscopy and sign out the case with the staff pathologist. This allows residents to learn an analytical approach to deriving a differential diagnosis and then the adjunctive techniques available to arrive at the correct diagnosis. The importance of providing accurate, timely feedback to clinical staff, the role of intraoperative consultation, and the importance of Pathology in patient care, is stressed. ***Residents and students in Anatomical Pathology do not participate in on-call duties.***

Residents attend the daily Gross Pathology conference, and weekly Microscopy Rounds featuring interesting cases from the staff pathologists. In addition, the Division of Pathology holds regular rounds in association with other departments to provide site- or organ-specific teaching for both pathology residents and trainees in other disciplines. Site-specific rounds include Gynecologic Pathology, Gastrointestinal Pathology,

Genitourinary Pathology, Renal Pathology and Breast Pathology. All residents attend the weekly academic Core Lecture series in Anatomical Pathology.

Finally, residents are required to make presentations to the department on topics of their choice, and are encouraged to become involved in research projects that may lead to publication of an article or case report, or presentation at a meeting or conference.

## **2. SCHEDULE OF ROUNDS**

### Monday:

7:30-8:30 **Genitourinary Pathology Rounds**, Monthly, Dr. S. Al-Haddad  
8:30-9:00 **Gross Conference, Anatomical Pathology**, Staff Pathologist  
2:00-4:00 **Core Lecture Series, Anatomical Pathology**, Princess Margaret Hospital

### Tuesday:

7:30-8:30 **Gastrointestinal Pathology Rounds**, Biweekly, Dr. G. Gardiner, Dr. C. Streutker, Dr. S. Al-Haddad  
8:30-9:00 **Gross Conference, Anatomical Pathology**, Staff Pathologist  
12:00-1:00 **Microscopy Rounds, Anatomical Pathology**

### Wednesday:

8:30-9:00 **Gross Conference, Anatomical Pathology**, Staff Pathologist  
12:00-1:00 **Medical Grand Rounds**, Paul Marshall Lecture Theatre  
4:00-5:00 **Gynecologic Pathology Rounds**, Biweekly, Dr. E. Latta

### Thursday:

8:30-9:00 **Gross Conference, Anatomical Pathology**, Staff Pathologist  
12:00-1:00 **Microscopy Unknown Rounds, Anatomical Pathology**

### Friday:

8:30-9:00 **Gross Conference, Anatomical Pathology**, Staff Pathologist  
12:00-1:00 **Breast Pathology Rounds**, Monthly, Dr. D. Bell  
12:00-1:00 **Renal Pathology Rounds**, Monthly, Dr. S. Jothy

## **3. RESIDENT ORIENTATION INFORMATION:**

### Prior to Starting Rotation:

1. Please let the Divisional Head or Director of Education know if you are planning to take holiday/conference leave during your rotation in pathology
2. Trainees from programs other than Laboratory Medicine should inform their supervisor or Divisional Head as to the date and time of academic half-days or clinics

On the First Day of the Rotation:

1. Register with the Medical Education Office, 1<sup>st</sup> Floor Bond Wing, in the hospital and arrange for hospital photo ID.
2. Report to the division of Pathology. Computer access to the Laboratory Information System will be arranged.

During Rotation:

1. Schedules will be made available from the Divisional Head or Director of Education depending on the postgraduate program. If there is a problem or conflict, please consult directly with the resident supervisor for the program.
2. Residents will be given graded responsibilities depending on their level of training. Junior residents should become familiar with the handling and processing of common surgical specimens, and microscopic diagnosis. Senior residents are expected to be able to function independently, and are responsible for supervision and teaching of junior residents and students.
3. Off-service residents and elective medical students should gain a broad exposure to general surgical pathology with an emphasis on clinical-pathological correlations.
4. Trainees will be asked to give one or more presentations to the Department depending on the length of the rotation. Residents should become comfortable with presentation of cases for discussion or review.

**4. SUGGESTED READING:**

Junior Residents and Off-Service Residents:

Robbins Pathologic Basis of Disease, 7<sup>th</sup> Edition  
Wheater's Functional Histology

Senior Residents:

Senior Pathology residents should be reading texts on organ-specific pathology relevant to the material that they are seeing. In addition, they should be current with pathology literature, including such journals as Modern Pathology, and the American Journal of Surgical Pathology.

N.B. Copies of basic and advanced pathology textbooks are available in the department for the use of the residents.

**5. STAFF LISTING:**

Division of Pathology Telephone: 416-864-5851  
Fax: 416-864-5648

**Dr. Serge Jothy: Chief, Department of Laboratory Medicine**

Professor, University of Toronto

Email: [jothys@smh.toronto.on.ca](mailto:jothys@smh.toronto.on.ca)

Area of Focus: Renal Pathology

Research Interests: Tumor cell biology

**Dr. Geoffrey Gardiner: Interim Head, Division of Pathology**

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Area of Focus: General Surgical Pathology, Gastrointestinal Pathology, Cytology

**Dr. Sahar Al-Haddad**

Lecturer, University of Toronto

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Area of Focus: Gastrointestinal and Genitourinary Pathology, Cytology

Research Interests: Gastrointestinal Pathology and Tumor Bank

**Dr. C. David Bell**

Assistant Professor, University of Toronto

Email: [belld@smh.toronto.on.ca](mailto:belld@smh.toronto.on.ca)

Area of Focus: General Surgical Pathology, Breast Pathology

**Dr. Victor Fornasier**

Professor, University of Toronto

Email: [fornasierv@smh.toronto.on.ca](mailto:fornasierv@smh.toronto.on.ca)

Area of Focus: Bone and Joint Pathology

Research Interests:

**Dr. Kalman Kovacs**

Professor, University of Toronto

Email: [kovacsk@smh.toronto.on.ca](mailto:kovacsk@smh.toronto.on.ca)

Area of Focus: Endocrine Pathology

Research Interests: Pituitary Pathology

**Dr. Eleanor Latta: Director of Education**

Lecturer, University of Toronto

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Area of Focus: General Surgical Pathology, Gynecologic Pathology, Cytology

Research Interests: Gynecologic Pathology

**Dr. David Munoz**

Professor, University of Toronto

Email: [munozd@smh.toronto.on.ca](mailto:munozd@smh.toronto.on.ca)

Area of Focus: Neuropathology  
Research Interests:

**Dr. Gerald Prud'homme**

Professor, University of Toronto

Email: [prudhomme@smh.toronto.on.ca](mailto:prudhomme@smh.toronto.on.ca)

Area of Focus: Autopsy Pathology

Research Interests:

**Dr. Catherine Streutker**

Assistant Professor, University of Toronto

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Area of Focus: General Surgical Pathology, Gastrointestinal Pathology, Cytology

Research Interests: Gastrointestinal Pathology, Mucosal Immunology