



*Department of Pathology and Laboratory Medicine  
University of Calgary, Faculty of Medicine  
Alberta Health Services  
and  
Calgary Laboratory Services*

## **UROPATHOLOGY FELLOWSHIP PROGRAM**

### **Guidelines and Objectives**

**Program Director:  
Asli Yilmaz, MD, FRCPC, FCAP  
Anatomical Pathology**

## **UROPATHOLOGY FELLOWSHIP**

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### **INTRODUCTION**

The fellowship is designed to provide comprehensive training in diagnostic uropathology with emphasis on a multidisciplinary team approach in the management of GU malignancies. The fellowship will also provide opportunities for clinical and translational research in Uropathology.

The duration of the program is twelve months. The fellow will be primarily located in the Anatomical Pathology lab at the Rockyview General Hospital.

### **PROGRAM OBJECTIVES**

#### ***Surgical Pathology objectives***

- Participate in regular grossing and sign-out of routine GU cases
- Participate in the surgical pathology frozen section consultations
- Participate in consult service:
  - o Review and sign out of referral and consultation cases including the consult cases from the Tom Baker Cancer Center (TBCC)
- Rounds:
  - o Prepare and present regular GU oncology rounds for TBCC

#### ***Educational objectives***

- Regularly participate in intradepartmental consultation (IDC) multi-headed microscope rounds
- Read and review reference textbooks and periodicals through the departmental resources
- Review and maintain the extensive collection of teaching slides presenting classical and also rare examples of most uropathology entities
- Participate in resident and undergraduate student teaching

#### ***Research objectives***

- Participate in clinico-pathologic and translational research with presentation at national or international meetings and produce peer-reviewed publications
- At least 2 months protected time for the completion of research project is allowed which can be taken en bloc or spaced as intervals through the year

### **SPECIALTY TRAINING REQUIREMENTS**

Eligible candidates must have completed residency training in Anatomical Pathology through a recognized program.

## **DURATION AND LOCATION**

One year (12 months) of approved training. The fellow will be located at Rockyview General Hospital in the Division of Anatomical Pathology.

## **EVALUATION**

Performance will be evaluated on fundamental knowledge, diagnostic skills and attitudes demonstrated on professional activities. Performance will be evaluated periodically based on the training objectives and will be carried out by subspecialty program director with the input of other faculty members. There are three evaluations at 3, 6 and 12 months. The performance review will be discussed with the fellow and kept on file.

## **RESOURCES AND PERSONAL**

### ***Space and Workload***

Rockyview General Hospital contains over 642 beds and it is a regional centre for urological pathology for the whole Calgary Health Region and Southern Alberta. Fourteen urologists practice in the Division of Urology and all the Urological biopsy and surgical specimens are processed through Anatomical Pathology at Rockyview Hospital. On an annual basis approximately 1500 prostate biopsies are performed in our lab. Uropathology volume additionally consists of approximately 300-350 radical prostatectomies, 150 partial or total nephrectomies, 70-80 orchiectomies and 40-50 cystectomies. Anatomical Pathology lab at the Rockyview Hospital also receives consult material in uropathology and provides consult services for Southern Alberta and the Tom Baker Cancer Centre. Currently, there are also approximately 200-300 external (provincial, extra provincial) Uropathology consults that are received in our lab. The Rockyview General Hospital is currently undergoing expansion and upgrades that also includes the Southern Alberta Institute of Urology, which was completed. Anatomical Pathology lab at the Rockyview General Hospital is an integral part of the Division of Anatomical Pathology at the University of Calgary and Calgary Laboratory Services. Anatomical Pathology at Rockyview Hospital also provides an in-hospital service in general surgical pathology in multiple disciplines and this service is reflective of a busy general/community hospital environment where approximately 16,000 surgical pathology specimens are received annually.

## **Faculty Responsible for GU Pathology Fellow**

### **Uropathologists:**

Dr. A. Yilmaz, MD FRCPC FCAP (Supervisor of the Fellowship Program)

Dr. K. Trpkov, MD FRCPC FCAP

Dr. T. Bismar, MD FCAP

The fellow will work in close collaboration with the other CLS Surgical pathologists who are practicing Uropathology at the Rockyview Hospital site:

Dr. Allan Oryschak

Dr. Leslie Eidus

Dr. Kelly Guggisberg

Dr. Erik Larsen

Dr. Shaun Medicott

Dr. Doreen Paslawski

Dr. Andrzej Kulaga

Dr. Konstantin Koro

## **ACCREDITATION AND CERTIFICATION**

Upon successful completion the fellow will be issued a certificate from the office of Post Graduate Medical Education, Faculty of Medicine, University of Calgary, affirming that a year in subspecialty training has been successfully completed.

## **RECOMMENDED READING**

Eble JN, Sauter G, Epstein JI, Sesterhenn, IA. WHO Classification of Tumors. *Tumours of the Urinary System and Male Genital Organs*. Lyon: IARC Press; 2004.

Epstein JI, Netto GJ. *Biopsy Interpretation of the Prostate*. Baltimore: Wolters Kluwer, Lippincott Williams & Wilkins; 2008:167-168.

Zhou M, Magi-Galluzzi C. *Genitourinary Pathology*. Cleveland: Elsevier; 2007.

Epstein JI, Amin MB, Reuter VE. *Bladder Biopsy Interpretation*. Philadelphia: Lippincott Williams & Wilkins; 2004.

Humphrey PA. *Prostate Pathology*. Chicago: ASCP Press; 2003.

Bostwick DG, Cheng L. *Urologic Surgical Pathology*. Mosby Elsevier; 2008.

Murphy WM, Grignon DJ, Perlman EJ. AFIP Atlas of Tumor Pathology Series 4. *Tumors of the Kidney, Bladder, and Related Urinary Structures*. Washington: ARP; 2004.