Clinical Kidney Transplantation Fellowship at the McGill University

Name of Institution: Royal Victoria Hospital
Type of Fellowship: Clinical Fellowship
Length of Fellowship: One year
Number of Fellowship Positions: 1-2 per year
Academic Affiliation: McGill University
Name of Hospitals Involved in Training: Royal Victoria Hospital and Montreal General Hospital. 98% at RVH and 2% at MGH

Research Activity:

D. Baran: Clinical outcomes in renal transplantation.
M. Cantarovich: Multi-organ immunosuppression, therapeutic drug monitoring, renal protection strategies.
P. Chaudhury: Implementation of glucose clamp on transplant patients, postoperative mortality and long-term survival after transplantation.
M. Lipman: T-cell rearrangements of graft infiltrating lymphocytes.
P. Metrakos: Molecular markers in colorectal cancer liver metastases; proprotein convertases in colorectal cancer liver metastases; clinical outcomes in hepatocellular carcinoma; and ischemia/reperfusion injuries in liver transplantation.
S. Paraskevas: Pulsatile kidney perfusion, islet transplantation and immune.
J. Tchervenkov: Clinical Outcomes of kidney transplants from expanded criteria donors, T- and B-cell activation in allo- and xeno-transplantation.

Mission:

The fellowship is intended to enhance residency training for those fellows who would want to practice clinical transplantation either at an academic or community center. The fellowship will solidify the knowledge of clinical transplantation as well as allow further options for training such as immunology or epidemiology. The transplant fellow will have an opportunity to teach to nephrology fellows in specialized transplantation topics and have an opportunity to enhance the research potential of the department as well.

Name of Fellowship Program Director: Dr. Marcelo Cantarovich

Names of Teaching Faculty: Dr. Dana Baran, Dr. Roman Mangel, Dr. M. Lipman, Dr. Steven Paraskevas, Dr. Peter Metrakos, Dr. Prosanto Chaudhury, Dr. Jean Tchervenkov.
Academic Facilities:
The fellow will have access to work in basic (basic science laboratories) and clinical (clinical trials and database analysis) science.

Fellow Duties and Responsibilities:
Home call is expected during the months of clinical rotations is 9 nights per 28 day period, 7 nights of weekdays and 2 nights of a weekend. When the transplant fellow is on call with a nephrology fellow, the nephrology fellow will take first call and the transplant fellow will supervise. A mandatory of 2 blocks (6 months) will be required to complete clinical transplantation as the fellow covering inpatient transplantations. The fellow will be required to carry out one clinic weekly for acute transplantation follow-up and patients who have had a transplant for more than 3 months. Twice monthly the fellow will be evaluating pre-transplant donors and recipients in clinic under the supervision of the clinical transplant nephrologist. The fellow will supervise residents covering the nephrology transplant rotation, will attend daily rounds on the ward with the residents and will be responsible to communicate/discuss the cases with the attending transplant nephrologist. He/she will have the responsibility to teach the nephrology resident on the transplant service at the time. The fellow will be expected to cover at least 2 topics in transplantation with the resident each week. The fellow will be required to attend the weekly transplantation rounds and he/she will be asked to participate once per period as a speaker. The program coordinator will be available to the fellow for secretarial support and maintaining the call schedule. The proposed meeting for the fellow to attend are: CST, ATC and TTS. The fellow will be expected to complete a research project to present at one of these meetings and prepare for publication.

Curriculum:
The expected caseload for the transplant fellow while on the transplantation service will be about 15-20 patients admitted to hospital. The fellow will see in average 1-2 patients per day in the Emergency Department. During the on call period, the fellow will be expected to assess pre-operatively the candidates for kidney or kidney-pancreas transplantation.


