

## **BWH-DFCI IMMUNOCOMPROMISED INFECTIOUS DISEASES SERVICE**

### **Background and Goals**

The immunocompromised Transplant and Oncology Infectious Diseases service (D and E Teams) cares for medical oncology, hematopoietic cell transplant, solid organ transplant, and pre-transplant patients at Brigham and Women's Hospital (BWH) and Dana-Farber Cancer Institute (DFCI). At BWH, there are active solid organ transplant programs in kidney, heart, lung, and composite tissue (face, limb) transplantation.

At BWH, over 1000 transplant procedures are performed annually between the hematopoietic and solid organ services. In addition, BWH/DFCI provides inpatient and outpatient cancer care for thousands of patients, many of whom are being treated with cutting-edge novel or investigational therapies such as targeted or biological agents, check point inhibitors and CAR-T cells. The goal of the BWH-DFCI Immunocompromised Infectious Diseases service is to provide timely, expert infectious diseases care for this growing patient population. This requires careful consideration of novel cancer and transplant therapies, the emerging associated infectious complications of these approaches, and deep knowledge of novel diagnostics and antimicrobial therapies.

Our diverse patient population and team of experienced transplant ID attendings and researchers provide fertile ground to educate transplant infectious diseases fellows in the care of these complicated patients and also provide unique research opportunities focused on the epidemiology, clinical outcomes and development of new diagnostics and therapies for infectious complications in this patient population. Specifically, we have research programs in novel diagnostics, therapeutics, prevention strategies and understanding pathogenesis. These studies include both basic science and clinical trials. Improving how we care for these medically complex patients is central to our everyday activity and part of the advance fellowship training program.

### **Prerequisites**

This advanced training program is open to those who have completed a year or more of general Infectious Diseases training and are interested in gaining the expertise to care for this patient population.

### **Components**

This advanced fellowship training consists of inpatient, outpatient and investigation elements. The exact amount of time dedicated to each of these components will depend on the fellow's interest, career development goals, programmatic needs, and duration of advanced training (1 year vs multiyear).

### **Immunocompromised Service Attending Physicians**

Lindsey R. Baden, Director  
Meghan Baker  
Sheila Bond  
Lisa Cosimi  
Scott Dryden-Peterson

Ben Gewurz  
Sarah Hammond  
Nicolas Issa  
Sophia Koo  
Francisco Marty  
Chanu Rhee  
Anna Thorner  
Stephen Walsh  
Ann Woolley  
Gianna Zuccotti

### **Conferences**

As the care of transplant patients is quite complex and requires close collaboration among various consultative services, our service participates in the weekly team rounds of our reciprocal services. In addition, we have regular weekly educational conferences. Currently these weekly conferences are as follows:

- 1) **Longwood Immunocompromised Host ID Conference:** Tuesday at 8-9 AM in conjunction with BWH/DFCI, Children's and BIDMC
- 2) **Cardiac Transplant Rounds:** Wednesday 9-10:30 AM
- 3) **Lung Transplant Rounds:** Thursday 7:30-9:00 AM
- 4) **BMT Grand Rounds:** Thursday 12-1 PM
- 5) **Transplant ID Journal Club:** Twice a month on Friday 12-1 PM
- 6) **Renal Transplant Rounds:** Friday 1-2:30 PM
- 7) **Adult BMT Rounds:** Friday at 2:30-3:30 PM