The Transplant Infectious Diseases Interdisciplinary Research Training Program presents the:

5TH ANNUAL

DUKE UNIVERSITY

TRANSPLANT INFECTIOUS DISEASES SYMPOSIUM

GENE EXPRESSION PROFILING FOR DIAGNOSING AND MANAGING INFECTION AND REJECTION IN THE IMMUNOCOMPROMISED HOST

Wednesday, May 08, 2019
1:00 PM – 4:45 PM
Great Hall, Trent Semans Center
Durham, NC 27710

Funding support:
NIH NIAID T32 - AI100851
Gene Expression Profiling for Diagnosing and Managing Infection and Rejection in the Immunocompromised Host

1:00-1:30pm  Host gene expression to discriminate bacterial and viral respiratory infections in the non-immunocompromised population  
**Micah McClain, MD, PhD, Duke University**

1:30-2:00pm  Host gene expression profiling as a fungal diagnostic in the immunocompromised population  
**Julie Steinbrink, MD, Duke University**

2:00 -2:30pm  Gene expression signatures as diagnostic tools: How close are we to validation for the clinical laboratory?  
**Christopher Woods, MD, MPH Duke University**

2:30-2:45pm  Break and Meet the Professors

2:45- 3:15pm  Sequencing to detect Differentially Expressed Gene Transcripts in Solid Organ Transplant Recipients: Molecular Signatures Involved in Alloimmune Responses  
**Xunrong Lu, MD, PhD, Duke University**

3:15 -3:45pm  Employing Cell Gene Expression Analysis to Understand EBV Latency and Post-Transplant Lymphoproliferative Disorder  
**Micah Luftig, PhD, Duke University**

3:45- 4:15pm  Genomic Medicine to Guide Clinical Care: Opportunities for Use and Barriers to Implementation  
**Geoff Ginsburg, MD, PhD Duke University**
Special Lecture:

4:15 – 4:45pm  Demystifying the NIH Grant Process

Dona C. Love, PhD
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Transplant ID
Training Program Leadership

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Liise-anne Pirofski, MD, Professor of Biomedical Research, Medicine, Microbiology and Immunology, Albert Einstein College of Medicine, New York, NY
Invited Faculty

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