

## **Department of Medicine Presents**

### **Medicine Grand Rounds**

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University of Virginia Health System

### **A Central role of Iron Homeostasis in Tissue Injury and Repair: Relevance to Acute Kidney Injury**

Wednesday, June 22<sup>nd</sup>, 2016

12:00 – 1:00pm

Old Jordan Auditorium 1-5

**Disclosures:** Dr. Swaminathan has no personal or professional financial relationships with a commercial entity producing healthcare goods and/or services.

**Planning Committee:** Gerald Donowitz, MD, Ross Buerlein, MD, Peter Liu, MD, Erin McLoughlin, MD, and Annie Smith, MD; do not have any personal or professional financial relationships with commercial entities producing healthcare goods and/or services.

#### **Learning Objectives**

- 1) Discuss iron-mediated cell death mechanisms (ferroptosis) and its relevance to cell death and immortality (cancer)
- 2) Present novel therapeutic approaches to modulate iron metabolism to prevent and treat AKI

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