

- September 5, 2017:** **Title:** "Viruses and Skin: When Skin Immune Cells Lose Track of Our Borders"
Presenter: Dr. Vincent Piguet
(Division of Dermatology - J.B. Ross Lecture)
- September 12, 2017:** **Title:** "Preventing Secondary Brain Injury: Resuscitation Targets Post Cardiac Arrest"
1st Presenter: Dr. Lyndsay Sprigg
Title: "Meet Your Microbiome: The Role of Resident Microorganisms in Health and Disease"
2nd Dr. Mujtaba Al Khalaf
(Resident Rounds)
- September 19, 2017:** **Title:** "Changing Antimicrobial Prescribing Through Stewardship"
Presenter: Dr. Paul Bonnar and Valerie Murphy
(Division of Infectious Diseases)
- September 26, 2017:** **Title:** "Inpatient Rapid Response Escalation Protocol - Improving Patient Safety in Our Hospitals"
Presenter: Dr. Sarah McMullen
(Special Presentation - Critical Care)

ROUNDS OBJECTIVES

September 5, 2017

Dr. Vincent Piguet

J.B. Ross Lecture – Division of Dermatology

Viruses and Skin: When Skin Immune Cells Lose Track of Our Borders

Objectives:

- Introduction on complex skin diseases
- Discussion on skin immune cells, such as dendritic cells
- Focus on viral infections affecting the skin or crossing skin in order to invade the host

September 12, 2017

Resident Rounds:

Dr. Lyndsay Sprigg

Preventing Secondary Brain Injury: Resuscitation Targets Post Cardiac Arrest

Objectives:

- Review epidemiology of brain injury post cardiac arrest
- Review the two-hit model of hypoxic ischemic brain injury
- Discuss role of anemia, hyperthermia, and oxygen and carbon dioxide perturbations in secondary brain injury
- Discuss the current advances in cerebral auto regulation monitoring and future implications of individualized perfusion targets

Dr. Mujtaba Al Khalaf

Meet your Microbiome: The Role of Resident Microorganisms in Health and Disease

Objectives:

- Definition of "microbiome"
- Understanding some of the most important functions of the microbiome
- Brief overview of known disease associations
- Quick look at some clinical applications and emerging research

ROUNDS OBJECTIVES

September 19, 2017

Dr. Paul Bonnar and Valerie Murphy

Division of Infectious Diseases

Changing Antimicrobial Prescribing Through Stewardship

Objectives

- Introduce the NSHA Antimicrobial Stewardship Program (ASP)
- Appreciate the need for changing antibiotic prescribing patterns
- Recognize the evidence for current ASP interventions and identify research gaps

September 26, 2017

Dr. Sarah McMullen

Special Presentation - Critical Care

Inpatient Rapid Response Escalation Protocol - Improving Patient Safety in Our Hospitals

Objectives

- To understand the scope of the problem, and recognize that **many in-hospital cardiac arrests may be predicted and thus, prevented**
- Discuss the role of early warning scores, rapid response teams and rapid escalation protocols
- Review the QEII – MEWS and Rapid Response Escalation Protocol