The 2026 Cryptic Masons Medical Research Foundation Symposium

https://iu.zoom.us/j/89121430975

9:00 am-9:15: "*Welcome and Introduction of Research Team"*. Michael P. Murphy, MD. The Cryptic Masons Medical Research Foundation Professor and Chair of Vascular Biology Research. Professor of Surgery, Indiana University School of Medicine.

9:15-9:25: "*Circulating Cell-Free DNA as a Novel Biomarker for Early Detection of Abdominal Aortic Aneurysm*". Ping Li, PhD Research Professor of Surgery. Indiana University School of Medicine.

9:25-9:45: "*A Pain in the NEC: Therapeutic and Diagnostic Options for Necrotizing Enterocolitis". Troy A. Markel, MD, FACS, FAAP*. James A. Madura Professor and Showalter Scholar. Vice Chair (Research), Department of Surgery, Indiana University School of Medicine.

9:45-10:05: "*Encapsulated Mesenchymal Stromal Cells Promote Muscle Regeneration in a Diabetic Mouse Model of Hindlimb Ischemia*". Steven Miller, PhD. Senior Research Scientist. Indiana University School of Medicine.

10:05-10:25: "*Mesenchymal Stem Cell Encapsulation Promotes Intestinal Adaptation in Murine Short Bowel Syndrome".* Kelly Henige, MD, MS. Pediatric Surgery Research Fellow. IUSoM.

10:25-10:45: "*Developing IL-10-Expressing human induced Pluripotent Stem Cells for Cell Therapy Applications*". Chang-Hyun Gil, PhD. Assistant Research Professor. Indiana University School of Medicine.

10:45-11:05: "*Paraaortic Administration of Human Mesenchymal Stromal Cells is Superior to Intravenous Delivery in Mitigating Aortic Aneurysm Expansion in a Murine Model*". Ethan Chernivec, MD. 2026 Marion Crum Research Fellow. Resident, General Surgery. IUSoM.

11:05-11:25: "*Histology Happenings in the Murphy Lab*". Jennifer Stashevsky. Research Histologist. Indiana University School of Medicine.

11:25-11:45: "*Regenerative and Immune Signatures Following Mesenchymal Stromal Cell (MSC) Therapy in Human Patients with Chronic Limb Threatening Ischemia (CLTI)*" Leni Moldovan, PhD. . Assistant Research Professor. Indiana University School of Medicine.

11:45: Marion Crum Research Fellowship Plaque Presentation.