



DR. M. JUDAH FOLKMAN RESEARCH DAY

SEPTEMBER 26, 2024

CLINICAL TALKS

8:00 - 9:30 AM IN THE KARP LIBRARY BOARDROOM

ZOOM LINK:

<https://bostonchildrens.zoom.us/j/94424713921?pwd=BaVs1FrJpW5U9S935m1F3MAoQ7lwtP.1>

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| Ianthe Schepel, BMBCh, MPhil, MSc | General Pediatrics |
| Factors Associated With Risk of Food Allergy-Related Bullying | |
| Kerri A. McKie, MD, MPH | Surgery |
| Antimicrobial Prophylaxis Use and Outcomes in Children Undergoing Cholecystectomy | |
| Laura Fryberger, BS | Cardiac Surgery |
| Predictors of Neurological Injury Following Congenital Heart Surgery in Neonates and Infants | |
| Conor McGinn, BS | Anesthesiology Perioperative and Pain Medicine |
| Lower Extremity Efficient Nerve Analgesia (LEENA) Block: A Novel 4-in-1 Block of the Lower Extremity | |
| Zachary Aaron Winthrop, MD | Critical Care Medicine |
| Pediatric Respiratory Syncytial Virus Hospitalizations and Respiratory Support After the COVID-19 Pandemic | |

TRANSLATIONAL TALKS

10 - 11:30 AM IN THE KARP LIBRARY BOARDROOM

ZOOM LINK:

<https://bostonchildrens.zoom.us/j/97604649268?pwd=koiOmvhWw2MkxsfDrsuzZYOhFiRw6G.1>

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| Alex Huang, MD | Surgery |
| Perinatal Vaccination by Transamniotic Fetal mRNA Delivery: Active Immunization Against Human Cytomegalovirus in a Rodent Model | |
| Marcia Harumy Yoshikawa | Fetal Neonatal Neuroimaging & Developmental Science |
| The Development of AI-based Brain and Cerebrospinal Fluid Volumetry Segmentation Model in Pediatric Hydrocephalus | |
| Weikang Pan, MD, PhD | Surgery |
| Interleukin-33 augments Group 2 Innate Lymphoid Cell Activation during Murine Heart Allograft Transplantation | |
| Yan Zeng, MD | Ophthalmology |
| Exogenous Folic Acid Attenuates Retinal Neovascularization in Mouse Model of Retinopathy of Prematurity | |
| Sarah Ziqi Wang, MD | Vascular Biology Program |
| An Engineered Medium-Chain Fatty Acid Analogue Protects Against Lipopolysaccharide-Induced Liver Injury in a Murine Model of Parenteral Nutrition-Induced Hepatosteatosis | |

RESEARCH TALKS

12:00 - 1:30 PM IN THE KARP LIBRARY BOARDROOM

ZOOM LINK:

<https://bostonchildrens.zoom.us/j/97103948547?pwd=lxolH1kOqMOF92kdwJa8EjO2NbO87r.1>

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| Xuyu Qian, PhD | Genetics and Genomics |
| Spatially Resolved Single-cell Analysis Reveals Early Prenatal Specification of Human Cortical Layers and Areas | |
| Liyan Gong, PhD | Cardiac Surgery |
| Bioengineering Human Vascular Organoids via Orthogonal Activation of Fate-Determining Transcription Factors | |
| Yingying Zhang, PhD | Program in Cellular & Molecular Medicine |
| Spatial and Temporal Profiling of the Complement System Uncovered Novel Functions of the Alternative Complement Pathway in Brain Development | |
| Stephanie Mauriac, PhD | Otolaryngology |
| Novel Antisense Therapy to Durably Treat USH2A Patients | |
| Violetta Karwacki-Neisius, MD, PhD | Newborn Medicine |
| WNT Signalling Control by KDM5C During Development Affects Cognition | |

Join us for the poster reception held from 5-7 pm in Longwood Hall at the The Inn at Longwood Medical. Refreshments will be provided.

Sponsored by the Medical Staff Organization and the Office of Fellowship Training

