

Abstracts submitted by the Sheikh Zayed Institute

Abstract ID	Abstract Theme	Title	First Author	Presentation Day
Faculty				
36	Cancer, Immunology, Hematology, and Bone Marrow Transplantation (BMT)	Validating a high throughput digital system for immune gene profiling of pediatric neuroblastoma	Marie V Nelson, MD	Monday, April 1, 2019
180	Imaging	Radiation Free Procedures for Pediatrics using MRI and Ultrasound	Kevin Cleary, PhD	Wednesday, April 3, 2019
Post docs/Fellows/Residents				
80	Cardiology and Cardiovascular Surgery	Potential impact of the Red Blood Cell Storage Lesion on Cardiac Electrophysiology	Chantal D Bruno, DO	Wednesday, April 3, 2019
265	Neuroscience and Neuroprotection	Primary Cilia-related Genes and Neonatal Anesthesia Neurotoxicity in Congenital Heart Disease	Fahad Somaa, PhD	Tuesday, April 2, 2019
342	Surgical Innovation	A novel, sprayable and bio-absorbable sealant for wound dressings	Lung Lau, MD	Wednesday, April 3, 2019
343	Surgical Innovation	Ureter Identification In an Inflammatory Pig Model Using a Novel NIR Fluorescent Dye	Lung Lau, MD	Wednesday, April 3, 2019
344	Surgical Innovation	Analysis of 3D facial dysmorphology in genetic syndromes from uncalibrated 2D photographs	Liyun Tu, PhD	Wednesday, April 3, 2019
Staff				
26	Asthma and Respiratory	Identification of Wheeze and Crackle in Auscultated Lung Sounds using a Deep Learning Framework	Titus John, MS	Monday, April 1, 2019
69	Cancer, Immunology, Hematology, and Bone Marrow Transplantation (BMT)	Targeting ApoE enhances T-cell killing in cancer immunotherapy	Xiaofang Wu, MD	Monday, April 1, 2019
87	Cardiology and Cardiovascular Surgery	CPR Pro: A mobile application to improve the quality of bystander CPR.	Ravi Tej Ambati, MS	Wednesday, April 3, 2019
186	Imaging	AccelMR: Towards Reducing Sedation Time in MR Acquisition using Deep Learning	Awais Mansoor, PhD	Wednesday, April 3, 2019
187	Imaging	Deep-Phantom: A Method to Create Cheap Scalable Chest Phantoms for CT	Awais Mansoor, PhD	Wednesday, April 3, 2019
188	Imaging	Integrated deep-learning method for genetic syndrome screening using facial photographs	Antonio R Porras, PhD	Wednesday, April 3, 2019
268	Neuroscience and Neuroprotection	Brain Slicer: 3D-Printed Tissue Processing Tool for Pediatric Neuroscience Research	Damon K McCullough, BS	Tuesday, April 2, 2019
345	Surgical Innovation	Evaluation of an augmented reality guidance system for laparoscopic liver ablation	Xinyang Liu, PhD	Wednesday, April 3, 2019
Graduate Students				



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76	Cardiology and Cardiovascular Surgery	Characterization of the Developmental Transformation in Cardiac Electrical Activity and Excitation-Contraction Coupling in a Pediatric Model	Morgan Burke, BS	Wednesday, April 3, 2019
77	Cardiology and Cardiovascular Surgery	Assessing Cardiac Gap Junction Intercellular Communication in Response to Chemicals Used in Medical Devices	Devon Guerrelli, BS	Wednesday, April 3, 2019