

## Abstracts by Post docs/Fellows/Residents

Abstract ID	Abstract Theme	Title	Division	First Author	Presentation Day
42	Cancer, Immunology, Hematology, and Bone Marrow Transplantation (BMT)	Tumor lysate-specific T cells: potential immunotherapy for pediatric CNS tumors	Center for Cancer & Immunology	Melanie L Grant, PhD	Monday, April 1, 2019
43	Cancer, Immunology, Hematology, and Bone Marrow Transplantation (BMT)	Adoptive Immunotherapeutic Strategies to Treat Chronic Norovirus Infection in Immunocompromised Patients	Center for Cancer & Immunology	Ryo Hanajiri, MD, PhD	Monday, April 1, 2019
44	Cancer, Immunology, Hematology, and Bone Marrow Transplantation (BMT)	Hexaviral Specific T-cells Targeting Parainfluenza, CMV, EBV, Adenovirus, HHV6 and BKV used for Prophylaxis and Treatment of Viral Infections in Patients Post Stem Cell Transplant	Center for Cancer & Immunology	Katherine M Harris, MD	Monday, April 1, 2019
45	Cancer, Immunology, Hematology, and Bone Marrow Transplantation (BMT)	Dual targeting MYC and HIF1 $\alpha$ ; exerts anticancer activity in lung adenocarcinoma and burkitt lymphoma	Center for Genetic Medicine Research	Xiaohu Huang, PhD	Monday, April 1, 2019
46	Cancer, Immunology, Hematology, and Bone Marrow Transplantation (BMT)	Early inhibition of the MAPK pathway prevents optic nerve glioma formation in a NF1-deficient mouse model	Center for Cancer & Immunology	Emmanuelle Jecrois, PhD	Monday, April 1, 2019
49	Cancer, Immunology, Hematology, and Bone Marrow Transplantation (BMT)	Retrospective Study To Evaluate Factors Influencing Outcomes In Pediatric Non-Hodgkin's Lymphoma	Center for Cancer & Immunology	Sanam Shahid, MD	Monday, April 1, 2019
51	Cancer, Immunology, Hematology, and Bone Marrow Transplantation (BMT)	Tumor-associated antigen specific T cells targeting Peripheral T Cell Lymphoma	Center for Cancer & Immunology	Keri Toner, MD	Monday, April 1, 2019
52	Cancer, Immunology, Hematology, and Bone Marrow Transplantation (BMT)	Discovering Personalized Therapy for MYC-amplified Medulloblastoma	Center for Cancer & Immunology	Zhenhua xu, PhD	Monday, April 1, 2019
53	Cancer, Immunology, Hematology, and Bone Marrow Transplantation (BMT)	Precision Drug Testing using Preclinical Models of DIPG	Center for Genetic Medicine Research	Sridevi Yadavilli, MD, PH.D	Monday, April 1, 2019
80	Cardiology and Cardiovascular Surgery	Potential impact of the Red Blood Cell Storage Lesion on Cardiac Electrophysiology	Sheikh Zayed Institute for Pediatric Surgical Innovation	Chantal D Bruno, DO	Wednesday, April 3, 2019
82	Cardiology and Cardiovascular Surgery	Long-Term Effect of Hypoxia on Cortical Maturation in a Piglet Model	Center for Neuroscience Research	Camille Leonetti, PhD	Wednesday, April 3, 2019
86	Cardiology and Cardiovascular Surgery	Subplate Development in Healthy and Congenital Heart Disease Fetuses	Center for Neuroscience Research	Yao Wu, PhD	Wednesday, April 3, 2019
107	Developmental and Intellectual Disabilities	Environmental Enrichment Ameliorates Perinatal Brain Injury and Promotes Functional White Matter Recovery	Center for Neuroscience Research	Thomas Forbes, PhD	Wednesday, April 3, 2019
109	Developmental and Intellectual Disabilities	Foxp2-dependent formation of the social brain and sex-specific function in social behavior	Center for Neuroscience Research	Maria Jesus Herrero, PhD	Wednesday, April 3, 2019
110	Developmental and Intellectual Disabilities	Role of autism-linked genes in the development of corpus callosum	Center for Neuroscience Research	Ray Yueh Ku, PhD	Wednesday, April 3, 2019

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111	Developmental and Intellectual Disabilities	Abnormal distribution of neocortical neurons causes focal hyperexcitability in a mouse model for Tuberous Sclerosis Complex.	Center for Neuroscience Research	Stephen J Page, PhD	Wednesday, April 3, 2019
146	Genetics, Genetic Predisposition, and Genetic Susceptibility	nanotatoR: An annotation tool for Next Generation Mapping	Center for Genetic Medicine Research	Surajit Bhattacharya, PhD	Monday, April 1, 2019
148	Genetics, Genetic Predisposition, and Genetic Susceptibility	Identification and Validation of Variants of Uncertain Significance in Novel Candidate Genes for 46,XY Disorders/Differences of Sex Development (DSD)	Center for Genetic Medicine Research	Abhinav Parivesh, PhD	Monday, April 1, 2019
150	Genetics, Genetic Predisposition, and Genetic Susceptibility	HECTD1 is Required for Growth of the Myocardium Secondary to Placental Insufficiency	Center for Genetic Medicine Research	Kelsey F Sugrue, PhD	Monday, April 1, 2019
223	Muscular Dystrophy	Molecular Responses to Aerobic Exercise Training in a Murine Model of FSHD	Center for Genetic Medicine Research	Adam Bittel, PT, DPT, PhD	Monday, April 1, 2019
224	Muscular Dystrophy	Pre-clinical assessment of human acid sphingomyelinase as a genetic therapy for Limb Girdle Muscular Dystrophy 2B.	Center for Genetic Medicine Research	Daniel Bittel, DPT, PhD	Monday, April 1, 2019
225	Muscular Dystrophy	Fibroblast progenitors control the onset and severity of Limb Girdle Muscular Dystrophy 2B	Center for Genetic Medicine Research	Marshall Hogarth, PhD	Monday, April 1, 2019
227	Neonatology	Impact of Cardiopulmonary Bypass on Postnatal Neurogenesis and Cortical Growth	Center for Neuroscience Research	Zaenab Dhari, MD	Monday, April 1, 2019
254	Neuroscience and Neuroprotection	Perinatal Hyperoxia Impairs hippocampus maturation and function through activation of GSK3 $\beta$ ;	Center for Neuroscience Research	Joseph Abbah, PhD	Tuesday, April 2, 2019
255	Neuroscience and Neuroprotection	Uncovering mechanisms of environmental enrichment-induced recovery from perinatal hypoxia using the oligodendrocyte transcriptome	Center for Neuroscience Research	Evan Goldstein, PhD	Tuesday, April 2, 2019
257	Neuroscience and Neuroprotection	Role of Plexin-A1 in Postnatal Development of Corpus Callosum	Center for Neuroscience Research	Lataisia C Jones, PhD	Tuesday, April 2, 2019
258	Neuroscience and Neuroprotection	Impaired interneuron density in the human preterm infant frontal cortex	Center for Neuroscience Research	Helene Lacaille, PhD	Tuesday, April 2, 2019
259	Neuroscience and Neuroprotection	Automatic parcellation of anatomical structures based on a high-resolution diffusion tensor imaging in the developing pig brain	Center for Neuroscience Research	Jingang Li, MD, PhD	Tuesday, April 2, 2019
260	Neuroscience and Neuroprotection	Impact of Intra-arterial Mesenchymal Stromal Cell Delivery through Cardiopulmonary Bypass on Systemic and Brain-specific Inflammation in a Juvenile Porcine Model	Center for Neuroscience Research	Takuya Maeda, MD	Tuesday, April 2, 2019
261	Neuroscience and Neuroprotection	Sex-Specific Differences In Intrinsic Properties Of Developmentally Defined Medial Amygdala Neuronal Sub-Populations	Center for Neuroscience Research	Heidi Y Matos, PhD	Tuesday, April 2, 2019
262	Neuroscience and Neuroprotection	Topographical mapping and identification of extrinsic properties of developmentally defined medial amygdala neuronal sub-populations	Center for Neuroscience Research	Heidi Y Matos, PhD	Tuesday, April 2, 2019

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263	Neuroscience and Neuroprotection	Sox17 promotes oligodendrocyte regeneration through reciprocal Wnt and Hedgehog pathway regulation	Center for Neuroscience Research	Xiaotian Ming	Tuesday, April 2, 2019
264	Neuroscience and Neuroprotection	Monitoring and perturbing cerebellar function in behaving animals with neonatal brain injury	Center for Neuroscience Research	Aaron Sathyanesan, PhD	Tuesday, April 2, 2019
265	Neuroscience and Neuroprotection	Primary Cilia-related Genes and Neonatal Anesthesia Neurotoxicity in Congenital Heart Disease	Sheikh Zayed Institute for Pediatric Surgical Innovation	Fahad Somaa, PhD	Tuesday, April 2, 2019
266	Neuroscience and Neuroprotection	Utilizing the Biocage as an All-In-One Culturing and Delivery System for hiNPCs	Center for Neuroscience Research	Alexander I Son, PhD	Tuesday, April 2, 2019
342	Surgical Innovation	A novel, sprayable and bio-absorbable sealant for wound dressings	Sheikh Zayed Institute for Pediatric Surgical Innovation	Lung Lau, MD	Wednesday, April 3, 2019
343	Surgical Innovation	Ureter Identification In an Inflammatory Pig Model Using a Novel NIR Fluorescent Dye	Sheikh Zayed Institute for Pediatric Surgical Innovation	Lung Lau, MD	Wednesday, April 3, 2019
344	Surgical Innovation	Analysis of 3D facial dysmorphology in genetic syndromes from uncalibrated 2D photographs	Sheikh Zayed Institute for Pediatric Surgical Innovation	Liyun Tu, PhD	Wednesday, April 3, 2019