



**CASE WESTERN RESERVE
UNIVERSITY**
School of Medicine



Tinkham Veale University Center

October 22, 2024

Schedule of Events

8:00 am- 8:30 am	Breakfast and Registration	TVUC upper lobby	
8:30 am	Dean's Welcome Speaker: Dean Gerson	Ballroom C	
8:40 am	Keynote speaker introduction Speaker: Marvin Nieman, PhD		Speaker biography on page 8
8:45- 9:45 am	Keynote address "Membrane trafficking in platelets both exo- and endocytosis, matters for hemostasis and beyond" Speaker: Sidney Whiteheart, PhD		
10:00 am - 11:30am	Morning Poster Presentations	Ballroom AB	Poster titles and authors on pages 12-26
11:30 am- 11:45 am	Break to pick up lunch	TVUC upper lobby	
11:45 am - 1: 15 pm	Oral Presentations Session 1 Moderator: Grace McComsey, MD	Ballroom C	Presentation titles and authors on page 10
1:30 pm- 3:00 pm	Oral Presentations Session 2 Moderator: Bill Schiemann, PhD		Presentation titles and authors on page 11
3:00 pm- 4:30 pm	Snacks and Afternoon Poster Session	Ballroom AB	Poster titles and authors on pages 27-40
4:30 pm	Closing remarks & Presentation of Student and Mentor Awards Speaker: Lia Logio, MD	Ballroom C	Event evaluation, page 41

Welcome

Dear Students, Faculty, Trainees, Staff and Guests:

Welcome to the second annual Case Western Reserve University School of Medicine Graduate and Medical Student Research Day. This important event combines two previous endeavors, the Medical Student Research Day and the Biomedical Graduate Student Symposium (BGSS), into a single opportunity to showcase the many research accomplishments of School of Medicine graduate and medical students. We hope that combining these events facilitates deep dialogue around research and cross-program exchanges between medical and graduate students, faculty and trainees.

Today we spotlight research conducted by almost 300 graduate and medical students, presented in oral and poster presentations. We welcome our keynote speaker, scientist and mentor Sidney Whiteheart, PhD, a professor visiting from the University of Kentucky. The variety of student presentations and Dr. Whiteheart's own work are a testament to the power of translational, clinical and basic science discovery and the contributions that research across the spectrum have on improving our understanding of biomedical science and improving care for patients.

Organizing a large event takes a team effort. We would like to thank the students, faculty and staff listed in this program who have contributed in many ways—as members of the planning committee, as abstract or presentation judges, and as moderators and presenters. The Dean's Office is pleased to provide financial support for this event as a

demonstration of the importance and diversity of research efforts across the CWRU School of Medicine.

To the students who are presenting today, we hope this is the beginning of a rewarding experience in the biomedical sciences and research. For those who are earlier on in their training or attending in the audience, we hope today will inspire you about what you can accomplish in research. We look forward to hearing your presentations at a future School of Medicine Graduate and Medical Student Research Day.

Part of what is so inspiring and important about research is making human connections between people whose ideas might be new and different from your own. In that spirit, we challenge each of you to put down your phone for a moment and talk to someone new today—visit as many posters as possible, ask questions or otherwise engage across disciplinary or programmatic silos. There is so much to learn and so many collaborations to be started—these connections are how breakthroughs are made!

Stan Gerson, MD
Dean
School of Medicine

Lia Logio, MD
Vice Dean, Medical Education
School of Medicine

Mark Jackson, PhD
Vice Dean, Graduate Education
School of Medicine

Special Thanks

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NaShea Kendrick, PhD student

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Mentor Award Committee

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Special Thanks

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Rosanna Watowicz, PhD, RDN; Case Western Reserve University
Belinda Yen-Lieberman, MD; Cleveland Clinic
Lijun Zhang, PhD; Case Western Reserve University
Nicholas Ziats, PhD; Case Western Reserve University

Keynote Speaker

8:45-9:45 AM; Ballroom C

Membrane trafficking in platelets both exo- and endocytosis, matters for hemostasis and beyond

Whiteheart earned his PhD at The Johns Hopkins University School of Medicine under the mentorship of Dr. Gerald W. Hart, in the field of glycosylation and glycosyltransferases. As a post-doctoral fellow with Dr. James E. Rothman, he was involved in the discovery of SNARE proteins that



mediate membrane fusion events. This led to the formulation of the “SNARE Hypothesis” to explain intracellular trafficking. In 2010, he was awarded a UK University Research Professorship, in 2013 the Kirwan Prize and in 2019 an endowed professorship. In the past 30+ years, his group has been a key contributor to dissecting the molecular mechanisms of platelet secretion. The team has been a leader in assigning SNAREs and SNARE regulators to specific platelet secretion events and in probing the roles of platelet exo- and endocytosis in hemostasis, innate immune responses and vascular integrity maintenance. This work has resulted in more than 150 publications. Whiteheart is strongly committed to training and mentoring graduate students, post-doctoral fellows and undergraduates; more than 60% have been women or underserved minorities. He was selected by trainees for the UK Alumni Association Great Teacher Award, as a Women in Medical Sciences Mentor Award nominee and the UK Center for Clinical and Translational Sciences Mentor Awardee. He is the Director of the MD/Ph.D. training program at UK.

Presentation Information

Presentation titles and student author information are listed in the subsequent pages by session.

Some posterboards have intentionally been left blank, leading to non-consecutive poster numbers.

The following abbreviations are used throughout the listing for student programs.

MD—UP: CWRU University Program for MD degree

MD—CP: CWRU/CCLCM College Program for MD degree

MSTP: Medical Scientist Training Program (MD/PhD program)

PREP: Postbaccalaureate Research Education Program

Full text of each abstract is available via QR code



Oral Presentation Session 1

11:45 AM-1:15 PM; Ballroom C

Moderator Grace McComsey, MD

#	Last name	First name	Academic Program	Abstract title
1	Curtis	Kristen	MD--UP	Racial Disparities in Pre-Diagnosis Dermatologic and Primary Care Visits in Malignant Melanoma
2	DaCosta	Carly	PREP	Genetics of postpartum depression in African American women
3	Fry	Sarah	MD--UP	Respiratory Syncytial Virus Vaccine Effectiveness and Safety among Older Adults in the United States
4	Ingles	Natasha	MSTP	The telomere protection protein, TPP1, suppresses tumor cell plasticity and pro-metastatic phenotypes
5	Song	Ryan	MD--CP	A Multivariate Approach to Quantifying Risk Factors Impacting Stereotactic Robotic-Guided Stereoelectroencephalography
6	Zhang	Katie	MD--UP	Outcomes of Positive Cologuard Screens in Patients Aged 45-49: Trends and Notable Findings in the Development of YO-CRC
7	Kim	Brian	MSTP	Asprosin Transactivation Underlies Obesity Relapse and Inheritance

Oral Presentation Session 2

1:30-3:00 PM; Ballroom C

Moderator Bill Schiemann, PhD

#	Last name	First name	Academic Program	Abstract title
1	Klein	Bailey	PhD program	Mast Cell Derived Histamine Negatively Regulates Hematopoiesis
2	Yu	Haitong	MD--UP	Music therapy to Address patient's JOuRneys with CHronic illness, Outcomes, and ReaDmission (MAJOR CHORD): A Single Arm Pilot Study
3	Chen	Yi Fan	MSTP	XPO1 Beyond Nuclear Export
4	Koster	Karl	MD--UP	The Effect of Bimatoprost Amide on Intraocular Pressure via Lymphangiogenic Changes
5	Medarametla	Lekha	MD--UP	The impact of commonly used non-nutritive sweeteners on platelet responsiveness and thrombosis potential
6	Das	Nikita	MD--UP	Impact of Metabolic Syndrome on Epilepsy Surgery Outcomes: A Propensity Matched Cohort Study
7	Wang	Sabrina	MSTP	Lipocalin-2 orchestrates ferroptosis resistance in glioblastoma via Axl signaling

Morning Poster Presentations

10:00-11:30 AM; Ballroom AB

#	Last name	First name	Academic Program	Abstract title
1	O'Neill	Steven	MD--UP	Fascicular Merging and Splitting Events of the Human Accessory Nerve with Lower Cranial Nerves
2	Mohta	Shivangi	MD--UP	Comparing the effectiveness of the erector spinae plane block with no block for patients undergoing nephrectomy: a systematic review and meta-analysis
3	Schindler	Joseph	MSTP	S-nitrosylation alters RNA-binding domain conformation
4	Yi	Soon	MSTP	Mapping RNA-Protein Interactions with Subcellular Resolution Using Colocalization CLIP
5	Labrozzi	Gabrielle	PhD program	Center of Mass-Based Fuzzy Logic Control for Gait Post-Spinal Cord Injury
6	Menendez-Lustri	Dhariyat	PhD program	Dexamethasone-loaded platelet inspired nanoparticles alter gene expression surrounding implanted intracortical microelectrodes in rats
7	Blackledge	Michael	MD--UP	Antiviral Properties of ZnO Nanoparticles
8	Pakalapati	Nrupen	PhD program	Low-Frequency Stimulation of Corpus Callosum Suppresses Epileptiform Activity in the Cortex through γ -aminobutyric acid-B Receptor and Slow After-Hyperpolarization Mediated Reduction in Tissue Excitability

#	Last name	First name	Academic Program	Abstract title
9	Park	Huijun	PhD program	Role of Platelet Extracellular Vesicles in Arterial Dysplasia
10	Sirek	Jessica	PhD program	A new conditional mouse model for investigating the role of Adamts6 in development, adult homeostasis, and disease phenotypes
11	Park	Kevin	MD--UP	Changes in the Left Atrium and Pulmonary Veins Predictive of Atrial Fibrillation Recurrence After Catheter Ablation
12	Ji	Karen	MD--UP	Prevalence of Aortic Pathology Among Patients with Multifocal Fibromuscular Dysplasia
13	Vohra	Manu	MD--UP	Regression of Left Ventricular Hypertrophy after Ross Procedure
14	Liu	Alice	MSTP	Barriers to Clinical Trial Participation in AAPI Communities in the Greater Cleveland Area
15	Silfer	Jessy	MD--UP	A Community Health Center (CHC) Response to an Unprecedented Pandemic: Meeting the Healthcare Needs of Patients and Community
17	Fane	Lauren	MD--UP	Diversity, Equity, and Inclusion Efforts in Graduate Medical Education: Identifying Opportunities for Collaborative Learning
18	Roncagli	Connor	MD--UP	Recreational Drug Use Places Individuals at Increased Risk of Adverse Events During Emergency Department Sedations
19	Dillan	Meghan	MD--UP	Laceration Considerations During Prehospital Emergency Sports Care

#	Last name	First name	Academic Program	Abstract title
20	Mukherjee	Rishav	MD--UP	Impact of Peer Recover Support and Services for Substance Use Disorder on Emergency Department Readmission Rates
22	Maytin	Alexander	MD--UP	Quality of ChatGPT responses to patient inquiries on post dermatologic surgery wound care
23	Bernat	Alexis	MD--UP	Association of patients with nodular melanoma subtype and family history of cancer: A retrospective study
24	Gilbert	David	MD--UP	Impact of Gender Affirming Feminizing Hormone Therapy on Melanoma Incidence in Transgender Female Patients
25	Herrera	Henry	MD--UP	Risk of New-onset Metabolic Comorbidities in Hispanic Patients with Psoriasis: A Retrospective Cohort Analysis
26	McLachlan	Lydia	MD--UP	Rates of Acne Vulgaris in Transgender and Gender Expansive Individuals With and Without Masculinizing Gender Affirming Hormone Therapy
27	Ose	Oscar	MD--UP	Communicating risks associated with ambiguous prognoses: curated patient education decreases cognitive and affective ratings of subjective risk
28	Chen	Jacky	MD--CP	Effects of systemic biologic treatment on cardiovascular outcomes among patients with psoriasis
29	Tabernacki	Tomasz	MD--UP	Impact of Gender Affirming Masculinizing Hormone Therapy on Melanoma Incidence in Transgender Male Patients
30	Ruesch	Victoria	MD--UP	Analysis of Congenital Menelanocytic Nevi on TikTok

#	Last name	First name	Academic Program	Abstract title
31	Hentati	Nada	MD--UP	Digital image correlation three-dimensional modeling of tissue deformation in facial reconstruction
32	Thompson	Calia	PREP	Specialized Enteric Glial Cells Coordinate Intestinal Motility
33	Chin	Diana	MSTP	RUNX2 drives 3D epigenetic landscape of osteosarcoma
34	Hu	Peinan	PhD program	Mapping heritable chromatin loop variants with allele-specific Hi-C analysis
36	Gabrielle	Davis	PREP	Impact of Insulin and Non-insulin Diabetic Treatment on Cancer Incidence in Patients Diagnosed with Type 2 Diabetes
36	Hubbard	Aryn	MD--UP	Social Relationships as a Mechanism for Improving Cardiovascular Health in African American Men
37	Litwiler	Jevin	MD--UP	Smoking Modulates Microbial Metabolism of Tryptophan and Bile Acids in Multiple Sclerosis
38	Beattie	Nicholas	MD--UP	Content Assessment and Readability of Online Injury Prevention Resources on Firearm Safety: A Cross-Sectional Analysis of Hospital and National Injury Prevention Literature
39	Xuan	Zherui	MD--UP	Socioeconomic Influences on Colorectal Cancer Staging at Discovery at a County Level in the United States
40	Mahableshwarkar	Aarohi	MD--UP	Assessment of Patient Attitudes Towards Non-Endoscopic Barrett's Esophagus Screening: An Update
41	Devorkin	Brian	MD--UP	Comparative Dietary Assessment Reveals Crohn's Patients Eat More Sugar and Artificial Sweeteners Compared to Healthy Controls

#	Last name	First name	Academic Program	Abstract title
42	Varlamos	Christopher	MD--UP	Utility of Barrett's Aneuploidy Decision (BAD) Tool to Predict Barrett's Esophagus Refractory to Endoscopic Eradication Therapy
43	Host	Derek	PhD program	Gene Regulation of Glycolysis in the Cystic Fibrosis Small Intestine
44	Kong	Dana	MD--UP	Mt-sDNA Screening Test Usage Across Demographics and Positive Test Follow-Up Rate
46	Kamojjala	Ruchika	MD--UP	The Consequences of Parental Injury: Impacts on Children's Healthcare Utilization and Financial Barriers to Care
47	Chen	Josephine	MD--CP	Investigating APE2 and ERLIN1/2 binding in radiation-induced brain injury
48	Omoijuanfo	Ese	MD--UP	Screening for Hearing Loss in Hematologic Cancer Survivors
49	Wang	George	MD--UP	Retrospective Single Center Study on Elderly and Non-elderly Patients with Glioblastoma Between 2021 and 2022
50	Nassief	George	MD--CP	Metabolomic Differences between Platinum-resistant and Platinum-responsive Ovarian Cancer Cells
51	Urcuyo Acevedo	Javier	MSTP	The Role of CDK5 in Medulloblastoma: Regulation of PD-L1 and MHC expression
52	Lin-Rahardja	Kristi	PhD program	Uncovering transcriptomic signatures of Ewings Sarcoma drug sensitivity during the evolution of resistance
53	Thierheimer	Marisa	MD--UP	Bladder Cancer Mortality Rates Vary by Region and Rurality: A Comprehensive Analysis (2000-2020)
54	Lu	Sophie	MD--UP	Gene Signatures for Prognosis in Glioblastoma

#	Last name	First name	Academic Program	Abstract title
55	Cho	Sean	MD--UP	Implementing a System-Level Precision Medicine Intervention for Stage IV Non-Small Cell Lung Cancer Patients: A Cost-Effectiveness Analysis
56	Ang	William	Master's program	Examining DNA damage signaling in ATR-inhibited ATM deficient cancer cells
58	Goldberg	Alissa	MD--UP	A Community Health Center Response to an Unprecedented Pandemic: Meeting the Healthcare Needs of Patients and Community while Providing a Unique Medical Student Educational Opportunity
59	Hutchinson	Ellen	MD--UP	Teaching Health Advocacy: Evaluating the impact of an advocacy curriculum and advocacy-related extracurricular activities on medical student engagement with advocacy
60	Xu	Katie	MD--UP	Medical Professional Perceptions and Learning Outcomes of Virtual Lecture Capture Technology in Graduate Medical Education: A Randomized Controlled Trial Across Three Residency Programs
61	McLin	Ronae	MD--UP	Use of Generative AI in the Support of Medical Education
62	Tkacenko	Andrew	MD--UP	The Identification of a Unique Variant of Epidermal Growth Factor Receptor in the Extrachromosomal DNA of Certain Glioblastoma Tumors and the Potential Implications for Cell Growth and Drug Resistance

#	Last name	First name	Academic Program	Abstract title
63	Nemecio	Dali	PhD program	Leveraging host gene-response signatures to identify microbiome metabolizers of drugs: A case study of Tenofovir metabolism by the vaginal microbiome.
64	Heine	Grace	PhD program	The role of bacterial diversity in disease: characterizing commensal streptococcal-pathogen interactions in the oral microbiota
65	Pierson	Lane	PhD program	Development of cellular assays to characterize the impact of sequence variation on STING function in bats
66	Lee	Hyojin	MD--UP	Spatial Transcriptomic Profiling Reveals Underexpression of Metallothionein Isoforms in Polyposis and Colon Carcinogenesis in PTEN Hamartoma Tumor Syndrome
67	Zhou	Ruiting	PhD program	STAT1 gain-of-function (GOF) mutations disrupt the conformational balance of STAT1 and lead to immunodeficiencies.
68	Abrah	Akua	MD--CP	Characteristics and Clinical Significance of Initial MRI in anti-NMDA Receptor Encephalitis
69	Mobed	Claire	MD--UP	Association between COVID-19 and Development of Early- and Typical-Onset Parkinson Disease
70	Adams	Hollie	MD--UP	Sex Differences in Dementia Risk among Metformin Monotherapy Users
71	Sargusingh	Mia	PhD program	Improving Bladder Function via Pairing Vagus Nerve Stimulation with Voiding
72	Suh	Hanna	MD--UP	Liver function tests and complete blood counts among adolescents with restrictive eating disorders: what are the differences?

#	Last name	First name	Academic Program	Abstract title
74	Shapiro	David	PhD program	Microbiome modulation improves the morphology of meningeal lymphatics and sociability in a mouse model of Autism Spectrum Disorder
75	Kenemer	Austin	MD--UP	Early Neurorehabilitation and Reduced Long-Term Risk of Cognitive Decline After Moderate to Severe Traumatic Brain Injury
76	Abufarha	Alona	PREP	Investigating DLK Neuronal Kinase as a Potential Regulator of Microglia and Synapse Loss in Dementia Mouse Model
77	Mbow	Cheikh	PREP	Genetic and Molecular Insights into Hox5-Mediated Regulation of Respiratory Motor Neurons.
78	Obeid	Hiba	PhD program	Asprosin Modulates Thermal Pain through the Basolateral Amygdala
79	Pan	Jianxian	PhD program	Roles of Pathological Mutations of Amyloid Precursor Protein in Hippocampal Neuronal Intracellular pH Regulation
80	Xiong	Ying	MSTP	Pathological Inflammation Alters Oligodendrocyte Differentiation and Function
81	Xu	Crystal	MD--UP	Deformity Parameters in Spinal Cord Stimulation
82	Bruce	Joshua	MD--UP	Comparing Minimally Invasive Transforaminal Lumbar Interbody Fusion (TLIF), Open TLIF, and Midline (MID)-LIF: Impact on Patient Satisfaction and Surgical Outcomes
83	Shah	Varunil	MD--UP	A comparative analysis of the prevalence and rupture risk of intracranial aneurysms in patients with Autosomal Dominant Polycystic Kidney Disease

#	Last name	First name	Academic Program	Abstract title
84	Rosenthal	Matthew	MD--UP	Single Level Spinal Fusions: Does Postoperative Alignment Matter
85	Burke	Samantha	MD--UP	Comparing Functional Outcomes Using Section GG Scoring for Frontal Lobe Intracerebral Hemorrhages: Bilateral Injury vs Unilateral Injuries and Right-Sided Injury vs Left-Sided Injury
87	Kwiatkowski	Lily	MD--UP	Kitchen Kickstart: Feasibility and Effectiveness of a Culinary Medicine Intervention for Emerging Adults with Mental Health Needs
88	Babu	Ashvin	MD--UP	Risk of glaucoma development among individuals with immune-mediated inflammatory disease: a propensity-matched analysis
89	Brewster	Cammie	PhD program	Role of Notch Signaling in Retinal Regeneration of Zebrafish Models of Inherited Retinal Dystrophy
90	Zhang	David	MD--UP	Rate of retinal detachments subsequent to a diagnosis of myopia in the United States from 2018 to 2023
91	Jeong	Hejin	MD--UP	Associations between Obstructive Sleep Apnea and the Development and Severity of Retinal Vein Occlusion
92	Shirian	Jonathan	MD--UP	Long-Term Outcomes and Patient Experiences with the Argus II Retinal Prosthesis System
94	Risser	Kayleigh	MD--UP	Expression of ALCAMA and other Retinal Cell Markers during Zebrafish Retinal Regeneration
95	Baumann	Liisa	MD--UP	Potential for Corneal Biomechanical Modeling to Improve LASIK and PRK Outcomes

#	Last name	First name	Academic Program	Abstract title
97	Nambiar	Pooja	MD--UP	Investigating the Neurological Basis of Visual Impairments in Parkinson's Disease
98	Nahlawi	Raya	MD--UP	Characterizing Systemic and High-Risk OCT Features in Patients with IBD and AMD
99	Haraguchi	Yulia	MD--UP	Anisometropia and Refractive Errors in Down Syndrome Children with Congenital Nasolacrimal Duct Obstruction
100	Birrell	Seth	MD--UP	Comparative Efficacy and Mechanisms of IOP Reduction: Rocklatan vs. Latanoprost and Vyzulta in POAG Mouse Model
101	Shah	Aakash	MD--UP	H-Index and sex are associated with a higher likelihood of receiving private funding in orthopaedic sports medicine
102	Bai	Jessica	MD--UP	Incidence and Risk Factors Associated With Need for Treatment of Vertebral Compression Fractures After Spine Stereotactic Radiosurgery
103	Laungani	Dev	MD--UP	Solitary Fibrous Tumor of the Proximal Femur: A Case Report and Review of Musculoskeletal Literature
104	Porto	Joshua	MD--UP	Is Your Surgical Helmet System Compromising the Sterile Field? A Systematic Review of Contamination Risks and Preventive Measures in Joint Arthroplasty
105	Zaronias	Kailey	MD--UP	Sex Differences in Cam Lesion Size and Location among Patients with Symptomatic Isolated Cam-Type Femoroacetabular Impingement.

#	Last name	First name	Academic Program	Abstract title
106	Lavu	Monish	MD--UP	Contemporary Glucagon-like Peptide-1 (GLP-1) Receptor Agonists: What is the Impact on Hip and Knee Osteoarthritis Onset, Severity, and Conversion to Arthroplasty?
107	Sanghvi	Parshva	MD--UP	Hip Arthroscopy with Capsular Plication Improves Hip Function, Sports Performance, and Pain in Borderline Hip Dysplasia
108	Tilve	Ria	MD--UP	Skeletal Muscle-Fat Replacement and Patient-Reported Outcome Measures in ACL Reconstruction Patients
109	Haffke	William	MD--UP	Physiologic Parameters in the Operating Room
111	Lee	Austin	MD--UP	Complications of Same-Day Aspirin after Head and Neck Free Flaps: A national propensity score-matched cohort study
112	Keuchel	Connor	MD--UP	Clinical Outcomes After Hyaluronic Acid Laryngeal Injection Augmentation
113	Naganatanahalli	Manisha	MD--UP	Diagnostic Factors, Surgical Intervention, and Follow-up Adherence in Chronic Rhinosinusitis: Implications for Optimal Patient Care
114	Katragadda	Rishi	MD--UP	The Role of Intraoperative Speech-Language Pathologists in Medialization Procedures for Vocal Fold Paralysis
115	Gogula	Shravya	MD--UP	Management of globus in context of thyroid pathology: variability of work-up, presenting symptoms, and interventions
116	Shang	Trisha	MD--UP	The Impact of Diabetes Medications on Chronic Rhinosinusitis
117	Cheng	Elaine	MD--CP	Identifying and Localizing Natural Killer Cells in Antibody-Mediated Rejection of Kidney Transplants

#	Last name	First name	Academic Program	Abstract title
118	O'Hare	Katelyn	PhD program	Cholesterol biosynthesis pathways in monocyte-derived macrophages link cytomegalovirus infection and HIV to atherosclerosis
119	Singer	Jason	MD--UP	Detection of Aberrant Right Subclavian Arteries in Postnatal Children with Down Syndrome: A Potential Marker?
120	Pache	Killian	MD--UP	Effects of Pre-pregnancy BMI on Neonatal Preterm Birth and Low Birth Weight: A Burden of Proof Study
121	Sanislow	William	MD--UP	QI Initiative to Improve Utilization of Interpreters in a Pediatric Hospital: A Retrospective Analysis
122	Lake	Derek	Master's program	Single-Cell RNA Sequencing Analysis Clarifies Conflicting Reports on PAR4 Expression in Neutrophils
123	Liu	Mingda	PhD program	Utilizing pharmacochaperones to rescue misfolding of equivalent mutants in rhodopsin and M-cone opsin linked to inherited retina degeneration
124	Encarnacion Lopez	Gabrielys	PREP	In-vitro studies of protein-protein interactions of Ephrin receptors with Alzheimer's Disease-related proteins
125	Gregor	William	PhD program	Using EMAN2's Gaussian Mixture Model to Investigate The Structure and Dynamics of The Pseudomonas aeruginosa Efflux Pump MexY
126	Mordukhovich	Isaac	MD--UP	A Systematic Review of Wide Alveolar Cleft Repair
127	Yacoub	Sara	MD--UP	Evaluating the Exciflex Electrotherapy Bandage using 3D Spatial Mapping of Chronic Wound Healing: A Clinical Pilot Study

#	Last name	First name	Academic Program	Abstract title
128	Raghnal	Aijah	MD--UP	Post-Pandemic Mental Health Risk in Americans across Demographics
129	Makineni	Pratheek	MD--UP	The Association between Cannabis Use and Delirium in the Postoperative and Inpatient Settings
130	Nakhla	Timothy	MD--UP	Teacher and Counselor Perception of High and Middle School Student Communication and Mental Health: Results from a Qualitative Study
131	Thompson	Avianna	PREP	Navigating Financial Toxicity: Lived Experiences of Food Insecurity Among U.S. Cancer Survivors
132	Ogland-Hand	Callie	PhD program	How to model social norms in public health computational models
133	Ifeanyi	Ekpunobi	MD--UP	Early Experience with Two-Fraction Spine Stereotactic Body Radiation Therapy in Treating Metastatic Spine Cancer
134	Kanj	Fayez	MD--UP	Using Diffusion Tensor Imaging for the Detection of Early Cardiac Amyloidosis in Carpal Tunnel Syndrome
135	Zivkovic	Mia	MD--UP	Comparison of fracture detection with or without use of the Rayvolve computer-aided diagnostic medical device: A retrospective cohort study
137	Heath	Alexis	PhD program	Characterizing Heterogeneity of Estrogen Receptor Isoform Expression in Endometriosis: Rethinking the ER β Dominance Hypothesis

#	Last name	First name	Academic Program	Abstract title
138	Tang	Cammy	MD--UP	Subdividing Early Fetal Growth Restriction Based on Gestational Age at Diagnosis: Implications for Perinatal Management
139	Suratkal	Jessica	MD--UP	BMI as a predictor for Ovarian Cancer Progression
141	Sharma	Mitali	MD--UP	Assessing Pain Control Options for Intrauterine Device Placement: A Mystery Caller Study
142	Shah	Soham	MD--UP	Associations Between COVID-19 Pandemic Conditions and Maternal Mental Health and Maternal-Infant Bonding
143	Castellanos	Alicia	MD--UP	Randomized, Placebo-Controlled Trial on the Efficacy of Transcutaneous Electrical Nerve Stimulation (TENS) for Pain Management During Intrauterine Device (IUD) Insertion in an Outpatient Gynecology Setting
144	Katta	Anish	MD--UP	Health Related Quality of Life Outcomes for Congenitally Corrected Transposition of the Great Arteries Patients Across the Therapeutic Spectrum
145	Chennareddy	Chaitanya	MD--UP	Incidence of Mesenteric Ischemia after Open Cardiac Surgery
146	Maigrot	Jean-Luc	MD--UP	Time-Varying Analyses of Survival and Adverse Outcomes in Patients with a HeartMate 3 Left Ventricular Assist Device
147	Chambers	Kelly	MD--UP	Outcomes after Per Oral Pyloromyotomy Based on Gastroparesis Etiology
149	Lee	Michael	MD--UP	Comparison of Intraoperative Metrics Between Robotic and Laparoscopic Approaches for Low- and Intermediate-difficulty Liver Resections

#	Last name	First name	Academic Program	Abstract title
150	Fang	Shannon	MD--UP	Can Genomic Testing Help Refine Choosing Wisely the Omission of Axillary Staging in cN0 Breast Cancer?
151	Haurin	Sarah	MD--UP	Insurance status and resolution of comorbidities in bariatric patients at a safety net hospital
152	Hu	Yue Lin	MD--UP	Can Arterial Blood Gas Results Predict Anastomotic Leak After Esophagectomy?
154	Turner	Chase	MD--UP	Assessing Incidence of Chronic Kidney Disease in Transgender Women Undergoing Gender-Affirming Hormone Therapy with Spironolactone
155	Shawe	Isabella	MD--UP	Effects of CGRP Inhibitors on Lower Urinary Tract Symptoms in Patients with Refractory Migraine: A Prospective Cohort Study

Afternoon Poster Presentations

3:00-4:30 PM; Ballroom AB

#	Last name	First name	Academic Program	Abstract title
1	Raju	Akash	MD--UP	Implementation of a Battlefield Acupuncture Clinic at VA Northeast Ohio Healthcare System
2	Owen	Daniel	MD--UP	Enhancing Readability of Anesthesia-Specific Patient Education Materials Using AI
3	Grier	Abby	MD--UP	Branched Chain Amino Acid-Derived Ketoacids Underlie Altered Hematological Parameters in Type 1 Diabetes Mellitus
4	Nakazzi	Faith	PhD program	Unraveling the role of Nicotinamide adenine dinucleotide in pancreatic cancer biology
5	Qian	Alice	MD--UP	Detecting Gaps in Radiofrequency Ablation Lines Using Polarization-Sensitive Optical Coherence Tomography
6	Alexander	Benjamin	PhD program	The strength-duration curve can efficiently characterize functional electrical stimulation muscle recruitment
7	Kotamraju	Bhanu Prasad	PhD program	Selective Intrafascicular Multimodal Sensory Recordings in Pigs Using Carbon Nanotube Yarn (CNTY) Electrodes
8	Li	Suzhou	PhD program	A Sensory Neuroprosthesis Enhances Recovery from Treadmill-Induced Stumbles for Individuals with Lower Limb Loss
9	Cotton	Antoinette	MD--UP	Projecting the burden of atherosclerotic cardiovascular disease in South Asia using Bayesian Modeling

#	Last name	First name	Academic Program	Abstract title
10	Zhou	Amy	MD--UP	Magnetic Resonance Fingerprinting Can Provide More Accurate Diagnostic Measures than Traditional T1 Mapping to Delineate Sex Specific Differences in Male and Female Hearts
11	McDermott	Grace	MD--UP	Ventricular shape metrics as predictors of exercise capacity in repaired Tetralogy of Fallot
12	Pak	Yea-Lyn	MD--UP	Utilizing CEST CMR Imaging to Establish Baseline Cardiac Metabolism in Healthy Subjects
13	D'Ambruoso	Sarah	MD--UP	Doctor communication is associated with better mental health for seriously ill patients.
14	Jeong	Soowan	MD--UP	Influences of Self-Perceived Health in the Teen LINK (Local Inventory of Needs and Knowledge) Survey
15	Wade	Adam	MD--UP	The Role of Social Determinants of Health in the Receipt of Systemic Treatment for Metastatic Melanoma
15	Sanchez-Feliciano	Abizairie	MD--UP	Current Landscape and Future Potential of Glucagon-like Peptide-1 Agonists for the Adjunctive Treatment of Hidradenitis Suppurativa: A Systematic Review of the Literature
17	Seibert	Hailey	MD--UP	Rates of Acne Vulgaris in Transgender and Gender Expansive Individuals With and Without Feminizing Gender-Affirming Hormone Therapy
18	Kang	Hannah	MD--UP	Sex differences in presentation and etiology of folliculitis: Analysis of the National Electronic Injury Surveillance System, 2012-2021

#	Last name	First name	Academic Program	Abstract title
19	Hong	Jane	MD--UP	Influence of Social Determinants of Health on Prescribing Patterns and Severity of Pediatric Atopic Dermatitis: A Retrospective Study in Cleveland (2013–2023)
21	Thomas	Kaden	MD--UP	Psychological impact of a cutaneous melanoma diagnosis: A retrospective population level cohort study
22	Hill	Marc	MD--UP	Antibiotic Usage for Hidradenitis Suppurativa: Risk for Infection and Death
23	Tejwani	Priyanka	MD--UP	Development of a Return Visit Telehealth Intake Tool for Patients with Hidradenitis Suppurativa: A Delphi Process
24	Nguyen	Trina	MD--UP	Factors Contributing to Diagnostic Delays in Vulvar Lichen Sclerosus - Insights from Patient-Reported Misdiagnoses and Experiences
25	Guzman Villegas	Nikole	MD--UP	Delineating the role of the MC1R/MITF pathway in regulating the transcriptional profile of “red” melanocytes
26	Jain	Ainesh	MD--UP	Performance of UH Emergency Department Patient Referral Process
27	Lin	Ching-Wen Lin	Master's program	Cell-Free Hemoglobin Mediates TNF α Release in Whole Blood: Exploring the Role of Hemolysis in Trauma
28	Gwo	Pam Pam	MD--UP	Sex differences in ROSC and Survival from Out of Hospital Cardiac Arrest
29	Perczak	Bailey	MD--UP	COVID-19 Infection and Incidence of Rheumatoid Arthritis
30	Kalick	Jordan	MD--UP	Epidemiology and Outcomes of Renal Replacement Therapy in Children with Inborn Errors of Metabolism
31	Durodoye	Razaq	MSTP	Deviations from additivity in APOE4-associated Alzheimer's disease

#	Last name	First name	Academic Program	Abstract title
32	Nwoke	Will	MD--UP	Metabolomic profiling links multiple sclerosis with anemia through biomarker analysis
33	Kamal	Afra	MD--UP	TMAO and Intestinal Fibrosis in Crohn's Disease
34	Cumming	Celine	MD--UP	Sex-based differences in prescribed medications, surgical procedures, and disease-related complications in IBD
35	Nadeem	Daniyal	MD--UP	PDE5 Inhibitor Use and IBD Incidence and Severity in a National Patient Cohort: A Propensity-Matched, Multi-Center Analysis
36	Khan	Khyrul	MD--UP	An Analysis of the Colonoscopy Yield of Patients Aged 18 to 40 Years Presenting with Acute Rectal Bleeding
37	Mendoza	Justin	MD--UP	The Role of the DR3 Receptor in Crohn's disease-like Murine Ileitis
38	Srivastava	Meha	MD--UP	Increased steroid prescriptions and complication rates in premenopausal women with inflammatory bowel disease (IBD) taking hormonal contraceptives
39	Chathurvedula	Thrishna	MD--UP	The Role of Tgfb1 in Primary Intestinal Epithelial Cells
40	Udhayakumar	Bhavatharini	PhD program	Uncovering Regulatory Mechanisms in MYOD1-mutant Rhabdomyosarcoma
41	Bobbitt	Jessica	PhD program	Targeting the mitotic kinase NEK2 improves the efficacy of CDK4/6 inhibitors in breast cancer
42	Asante	Yaw	PhD program	Perturbation-induced modes of failure at different stages of RNA Polymerase 2 life-cycle stratify classes of genes in fusion-positive rhabdomyosarcoma

#	Last name	First name	Academic Program	Abstract title
43	Liu	Yining	PhD program	Identifying Rare Variants for Cognitive Preservation on Chromosome 2 in the Midwestern Amish
44	Khawaja	Zain	MD--UP	Association of Median Income on Healthcare Quality and Patient Safety Using Patient Safety Indicators for New York City's Medicare Patients
46	Bhan	Aarushi	MD--UP	Late Relapse after Allogeneic Hematopoietic Cell Transplant: Risk Factors and Outcomes
47	Fritz	Claire	MSTP	BAFF CAR-T cells for the treatment of hairy cell leukemia variant
48	Seitz	Elizabeth	MD--UP	Sex differences in the colorectal tumor immune microenvironment
49	Tejawinata	Felicia	MD--UP	Demographic Disparities in the Epidemiology of Tenosynovial Giant Cell Tumor: A SEER Database Analysis
50	Das	Indrani	MSTP	Discovery & Characterization of Small Molecules to Enhance Natural Killer Cell Cytotoxicity Against Solid Tumors
51	Wu	Jerry	MD--CP	Identification, selection, and enrichment of type-2 T cells in CAR T cell manufacturing for B cell acute lymphoblastic leukemia (B-ALL)
52	Klatt	Kayla	MSTP	Evaluating the Efficacy of B Cell Activating Factor (BAFF) CAR-T Cell Therapy in Scleroderma
53	Lakhotiya	Kartik	PhD program	High Throughput Pipeline for Serotypic and TCR Clonotypic Specificities in Aplastic Anemia and Large Granular Lymphocyte Leukemia Uncovering Antigenic Peptides Relevant to Disease Etiology

#	Last name	First name	Academic Program	Abstract title
54	Kaur	Rupleen	MSTP	A Computational Model Predicts Astrocyte-Mediated Therapeutic Resistance in Breast Cancer Brain Metastases
55	Singh	Subha	PhD program	Determinants of Fusobacterium invasion into head and neck squamous cell carcinoma cells and resulting signaling alterations
56	Zaida	Laventure	PhD program	Developing Non-Cytotoxic Epigenetics Drugs to Treat p53-Null Chemo-Refractory Leukemias
58	Prichard	Abby	MD--UP	Ageism Awareness Education for Medical Students
59	Drigotas	Claire	MD--UP	Medical Student Motivations for Participation and Learning Outcomes in a Clinical Opioid Prescribing Elective
60	Hinnes	Jessica	MD--UP	Assessment of Dermatology Exposure in Third Year of Medical School Training
61	Zhou	Melody	MD--UP	Best of both worlds? Otolaryngology applicant perceptions of hybrid residency interviews
62	Gelles	Shani	MD--UP	Phase II Clinical Trial Design
63	Mody	Akash	PhD program	Beyond the gene expression of the Latency-Associated Nuclear Antigen (LANA) protein of KSHV
64	Honeycutt	Ethan	PhD program	Blockade of m6A machinery in HIV latently infected primary CD4+ T cells enhances HIV-1 transcription, RNA export and protein translation, and sensitizes cells for apoptosis
65	Huff	Johnathan	PhD program	Characterizing and Differentiating the Physiological Response in Injuries Induced by Intracortical Microelectrode Implantation

#	Last name	First name	Academic Program	Abstract title
66	Butron	Lynette	MD--UP	The vaginal microbiome in health disparities in women with cervical high-risk HPV infection: the THRIVE HPV study
67	Nantongo	Mary	PhD program	Exploring β -Lactam Interactions with DacB1: Unraveling Optimal Therapies for Combating Drug-Resistant Mycobacterium tuberculosis
68	Nanavaty	Vaani	PhD program	Potential role of the gut microbiome in clear cell Renal Cell Carcinoma (ccRCC) progression and therapeutic response
70	Rahman	Atikur	PhD program	C646 degrades Exportin-1 to modulate p300 chromatin occupancy and function
71	Dinh	Mina	PhD program	Characterizing the evolution of osimertinib resistance in EGFR mutated non-small cell lung cancer
72	Grimmett	Zachary	MSTP	Cardioprotection by the metabolic regulator S-nitroso-CoA Reductase 2 (SCoR2)
74	Mandavalli	Akhil	MD--UP	Predictive Value of DOWN Questionnaire For Cervical Spondylotic Myelopathy Among Pain Management Patients
75	O'Reilly	Liam	MD--UP	Saccadic Eye Movements in Patients with Cervical Dystonia
76	Rai	Samhitha	MD--UP	Development of novel biomechanical upper extremity function outcomes using motion capture and their association with clinical characteristics of people with Multiple Sclerosis
77	Epp	Alexander	PhD program	Protein Kinase G phosphorylates Drp1 at S637 and mediates neuroprotective effects of PDE2A inhibition

#	Last name	First name	Academic Program	Abstract title
78	Basu	Bijoya	MSTP	Asprosin Gene Therapy Restores Associative Memory Deficits in Alzheimer's Disease
79	Lomax	Evalynn	MD--UP	Developing Blood Biomarkers in Alzheimer Disease and Mild Cognitive Impairment
80	Muinos	Jessica	PREP	Exploring the effect of pathological astrocytes on oligodendrocyte formation
81	López de Boer	Raquel	PhD program	Intrinsic and Extrinsic mechanisms of phrenic MN degeneration in the SOD1(G93A) mouse model of ALS
83	Toth	Carmen	MD--UP	Quantification of Myogenic Evoked Potential Activity Induced by Cerebellar Dentate Nucleus Deep Brain Stimulation in Human Subjects
84	Haberman	Jared	MD--UP	Seasonal trends in traumatic brain injury mechanism and severity of injury at a level 1 trauma center
85	Xiao	Tianqi	MD--UP	Larger Tumor Volume Associated with Lower Response to Gamma Knife Radiosurgery for Incidental Meningiomas
86	Shepherd	Jerry	MD--UP	Particle Embolization of the Middle Meningeal Artery for Subdural Hematoma: Efficacy and Cost Considerations
87	Begunova	Liza	MD--UP	Relationship Between Intracranial Hypertension and Inpatient Rehabilitation Outcomes in Traumatic Brain Injury Patients: A Cross-Sectional Retrospective Chart Review
88	Kosuru	Sindhu	MD--UP	Safety and Efficacy of Levetiracetam for Seizure Prophylaxis in Octogenarian Patients Following Traumatic Brain Injury

#	Last name	First name	Academic Program	Abstract title
	Bowers	Caitlin	MD--UP	Exploring the relationship of early nutrition, human milk intake, and body composition in preterm, very low birthweight infants
90	Azar	Alexander	MD--UP	Ophthalmic manifestations of COVID-19: a large US National Database analysis
	Zhao	Alison	MD--CP	Longitudinal Outcomes in the Contralateral Eye following Goniotomy
92	Jeppesen	Bridger	MD--UP	Health Disparity in Glaucoma Progression as Determined by The Need to Advance Medical Management: Time to Fail
	Pan	Bernard	MD--UP	Impact of ophthalmic pharmaceutical clinical trial features on sponsor stock prices
94	Mridha	Krishna	PhD program	DRNetAI: Enhanced Retinopathy Analysis using Explainable Self-Attention Model
	Albrecht	Emily	MD--UP	Risk of Systemic Adverse Events in Higher and Lower Severity Cases of Retinal Vein Occlusion
96	Trinh	Ilene	MD--UP	Fulminant Idiopathic Intracranial Hypertension and Potential Risk Factors
	Abbass	Nadia	MD--UP	Prevalence of Pediatric and Adult Optic Neuritis in the United States from 2016 to 2023
98	Arnold	Keith	MD--UP	How is Ocular Surface Health in the Transgender Population Affected by Gender Affirming Hormone Therapy?
	Schur	Beck	MD--UP	Assessing the Risk of Retina Disorders in Idiopathic Intracranial Hypertension within Aggregated Electronic Health Record Data

#	Last name	First name	Academic Program	Abstract title
100	Gu	Xinyu	MD--UP	Eye diseases and dementia: association because of pathogenesis or visual impairment?
101	Wylie	Andrew	MD--UP	Tolerance of hip dysplasia parameters to mal-positioning of an antero-posterior view of the pelvis
102	Li	Austin	MD--UP	Bone marrow aspirate and bone marrow aspirate concentrate: Does the literature support use in long-bone nonunion and provide new insights into mechanism of action?
103	Han	David	MD--UP	Outcomes Following Saucerization for Osteomyelitis in Obese Patients: A Comparison of 4,000 Patients
104	Wiener	Joshua	MD--UP	GLP-1 Receptor Agonist Medications Alter Outcomes of Spine Surgery: A National Database Study
105	Morgan	Kerry	MD--UP	Systematic review of total joint arthroplasty outcomes and the role of perioperative hyponatremia as an indicator for post-operative complications
106	Burns	Madison	MD--UP	Radial Head Arthroplasty vs Open Reduction and Internal Fixation for Radial Head Fractures: A Retrospective Review
107	Belt	Nicholas	MD--UP	Long-Term Efficacy and Risks of Vertebral Augmentation: A Multi-Center Retrospective Analysis of Kyphoplasty and Vertebroplasty Outcomes
108	O'Toole	Riley	MD--CP	Impact of Anatomical Parameters on Wound Complications Following Extremity Soft Tissue Sarcoma Resection: A Case-Control Study

#	Last name	First name	Academic Program	Abstract title
109	Fong	Scott	MD--UP	Patients with Seizure Disorders Undergoing Surgery for Recurrent Anterior Shoulder Instability Demonstrate Variable Rates of Recurrence – Postoperative Seizures Are the Most Common Cause of Failure
110	Han	Wonhee	MD--UP	Health-Related Quality of Life Outcomes for Patients with Legg–Calvé–Perthes Disease
112	Kosanam	Anish	MD--UP	Preoperative Hypoalbuminemia Predicts 30-day Complications in Head and Neck Microvascular Surgery
113	Wong	Kaelan	MD--UP	Leptin and Cytokine Interactions in Chronic Rhinosinusitis: Implications for Inflammation Modulation and Obesity
114	Katragadda	Nathan	MD--UP	Management of Head and Neck Cancer and Financial Toxicity
115	Patel	Sajan	MD--UP	Assessing Tympanic Membrane Perforations and Subsequent Repair Procedures Among Pediatric Patients With Tympanostomy Tubes
116	Thatte	Shvetali	MD--UP	Bariatric Surgery is Associated with Decreased Incidence of Chronic Rhinosinusitis and Functional Endoscopic Sinus Surgeries in Patients with Obesity
117	Huang	Vincent	MD--UP	The Impact of Surgeon and Surgical Technician Familiarity on Procedure Times and Surgical Outcomes
118	Bryson	Elizabeth	PhD program	Uncovering a Role of Neuronal Pentraxin II in Inflammatory Bowel Disease
120	Dunbar-Abbaei	Nancy	MD--UP	Association of tobacco use diagnosis with suicidality in adolescents

#	Last name	First name	Academic Program	Abstract title
121	Wahl	Katherine	MD--UP	Epidemiology of ICU Admissions for Bronchiolitis in the United States: 2001-2019
123	Hutson	Anelise	PhD program	The Role of Disordered Regions on Dynamin-related protein 1 Structure and Function
124	Scemama de Gialluly	Marc	MSTP	TRIM21-dependent nucleoporin degraders as novel nuclear-cytoplasmic trafficking inhibitors for cancer treatment
125	Vincent	Mary	PhD program	NEK2 is a mitotic kinase that can be leveraged to improving the efficacy of mTOR inhibitors in breast cancer
127	Gaston	James	MD--UP	Recipient Vessels in Phalloplasty: A Systematic Review
128	Belardo	Zoe	MD--UP	Estrogen Use and Complication Rates following Gender Affirming Vaginoplasty: A Systematic Review and Meta-Analysis
129	Liu	Michael	MD--UP	Racial and Ethnic Disparities in Ketamine and Esketamine Therapy for Major Depressive Disorder
130	Raja	Neelufar	MD--UP	Trekking the Peaks and Valleys: Exploring Bipolar Disorder Through the Lens of Medical Graphic Novels
131	Anantasagar	Thwisha	MD--UP	Correlation Between Adverse Childhood Experiences and Substance Use Disorders in Alcohol-Associated Liver Disease
133	Gautam	Aishwarya	MD--UP	Revisiting Electronic Hand Hygiene Monitoring and Group Feedback as a Hand Hygiene Intervention
134	Ansah	Afua	MD--UP	A Longitudinal, Relationship-Based Model for Managing Complex Chronic Disease in the Medicaid Population

#	Last name	First name	Academic Program	Abstract title
135	Rajoulh	Celine	MD--UP	Renal function after definitive local therapy for primary renal cell carcinoma: a meta-analysis
136	Sorato	Beatriz	MD--UP	Use of immunotherapy on overall survival in women with advance cervical cancer: A National Cancer Database
138	Josh	Hunter	MD--UP	Real-world use of high-pitch helical CT protocol for evaluation of cardiovascular pathologies in infants: Impact on radiation exposure, image quality, sedation requirement and patient throughput
139	Konda	Samya	MD--UP	Impact of Respiratory Motion on Nodule Displacement During CT-Guided Lung Biopsy Without Breath Hold Technique
140	Mitchell	Carlee	MD--UP	A National Survey of Medical Student Perceptions of Abortion Education and Training in Undergraduate Medical Curricula
142	Cumberbatch	Lauren	MD--UP	A case for the clinical use of cannabinoids for the treatment of endometriosis-related symptoms and guidelines for clinicians: A scoping review protocol
143	Hussaini	Rimsha	MD--UP	Characterizing the Natural History of Fetal Growth Restriction, Diagnosed Before 22 Weeks Gestational Age, Up to Birth
144	Hailer	Ashley	MD--UP	The Impact of Medication for Opioid Use Disorder Prescribing during the Prenatal Period on Healthcare Utilization
145	Cabulong	Alexander	MD--UP	Outcomes after Colorectal Surgery in Patients on General Surgery Service: An Institutional Review of ERAS Protocols
146	Breitman	Adi	MD--UP	Metabolic surgery for obstructive sleep apnea
147	Jaramillo	Grace	MD--UP	A Comparison of Acute Rejection in Organ Transplantation

#	Last name	First name	Academic Program	Abstract title
148	Putnam	Jonathan	MD--UP	Primary Aortic Coarctation Repair in Adolescents and Adults
149	Harper	Logan	MD--UP	Determining HIPEC candidacy amongst Stage pT4 Colon Cancer
150	Kosic	Rachel	MD--UP	Investigating Bariatric Surgery Patients Lost to Follow-Up in a Safety Net Hospital Setting
151	Shim	Seung Hyeon	MD--UP	Launching a per-oral pyloromyotomy practice – a framework for introducing endoscopic surgery within a hospital system
152	Syphan	Thomas	MD--UP	IVC Size Matters: Can a Chest CT Reveal Ventricular Dysfunction?
153	Tomaszewski	Alicja	MD--UP	Varicocele Thrombosis is Surprisingly Common and is Strongly Linked to COVID-19 Infection
154	Zhang	Edward	MD--UP	Gender disparities in bladder cancer diagnosis following hematuria or UTI symptom presentation

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