

BIDMC Research Retreat

September 6, 2023 | The Joseph B. Martin Conference Center, Boston MA

7:30 am Registration Check-in, Continental Breakfast and Networking, Lobby

8:15 am Welcome and Opening Remarks, Amphitheatre



Peter Healy
President,
BIDMC



Kevin Tabb, MD
President and CEO,
BILH



Gyongyi Szabo, MD, PhD
Chief Academic Officer,
BILH/BIDMC

8:30 am Keynote Address, Amphitheatre



Human Genomics at Scale: Impact of Technology, Foundational Resources

Stacey Gabriel, PhD

Chief Genomics Officer, Senior Director, Genomics Platform,
Broad Institute

9:00 am Welcome to BIDMC! New Faculty Short Talks, Amphitheatre



Tamar Sofer, PhD, Director of Bioinformatics, Cardiovascular Institute

*Using untargeted metabolomics to construct biomarkers in
epidemiological studies*



Subhash Kulkarni, PhD, Assistant Professor of Medicine

*Discovery of novel mesodermal derivation of enteric neurons helps
understand post-natal maturation and aging of the Enteric Nervous
System*



Michael Roehrl, MD, PhD, MBA, Chair, Department of Pathology

Proteomics of Cancer



Brandon Westover, MD, PhD, Fisher Landau Professor of Neurology

Balancing Risks and Benefits in Treating Seizures in Critical Care

BIDMC Research Retreat

September 6, 2023 | Martin Conference Center, Boston MA

10:00 am **Refreshment Break:** Visit **Research Resource Tables** (lobby and 2nd Floor Lounge) and preview **Posters** (lobby, 1st Floor, 2nd Floor – see index on pages 6-8)

10:15 am **Hub Highlights, Amphitheatre**

Veronique Vanderhorst, MD, PhD, Neuroscience Connections Hub
Alex Banks, PhD, System Effects of Metabolic Disease Hub
Yury Popov, PhD, Pathogens, Immunity, and Inflammation Hub
David Avigan, MD, Cancer Research Institute Hub



**Translational
Research Hubs**

11:15 am **Breakout Sessions:**

Research Resources for Faculty: Using BIDMC Infrastructure to Support Clinical Research,
Amphitheatre

Session Chair: **Janet Mullington, PhD**, Vice Chair for Research, Neurology

Panelists:

Martina Porter, MD, Dermatology

Steve Juraschek, MD, PhD, Epidemiology, Primary Care

Alina Gavrilă-Filip, MD, MMMSc, Endocrinology, Diabetes & Metabolism

Paulo Lizano, MD, PhD, Psychiatry

Dennis Anderson, PhD, Center for Advanced Orthopaedic Studies

Career Development Opportunities for Early Stage Investigators, Bray Room

Session Chair: **Steven D. Freedman, MD, PhD**, Chief of the Division of Translational Research,
Department of Medicine; Director, Physician-Scientist Track, Director, The Franklin Epstein Society

Panelists:

Gordon Jiang, MD, PhD, Associate Director of Physician-Scientist Track, Internal Medicine

Ai-Ris Y. Collier, MD, Co-Director, Clinical Trials Unit, Center for Virology and Vaccine Research

Di Feng, PhD, Department of Medicine

Aarti Asnani, MD, Director of Cardio-Oncology, Associate Program Director for Resident Research,
Department of Medicine

12:00 pm **“Tote Bag” Lunch, Amphitheatre Lobby**

- Enjoy your choice of Tote Bag lunch. **Seating** is available on the outdoor patios and on the first and second floors.
- Visit the **Research Resources**:
 - Lobby - BIDMC Research Cores, Clinical Research Center
 - 2nd Floor Lounge - Technology Ventures Office, OpenScholar, Center for Career Development, Green Labs, Postdoc Association
- Preview the **Poster Session** (lobby, 1st Floor, 2nd Floor – see index on pages 6-8)

Early Stage Career/ Postdoc Networking Lunch, Pechet Room

BIDMC Research Retreat

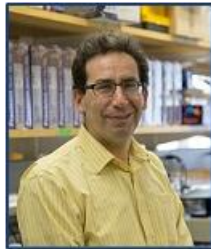
September 6, 2023 | Martin Conference Center, Boston MA

1:00 pm **Afternoon Opening Remarks, Amphitheatre**



George Q. Daley, MD
Dean, Harvard Medical School,
Caroline Shields Walker Professor of Medicine

1:15 pm **Keynote Address, Amphitheatre**



African Ancestry and Kidney Disease: From Gene to the Clinic

Martin R. Pollak, MD
George C. Reisman Professor of Medicine, Harvard Medical School
BIDMC Chief of Nephrology

1:45 pm **Breakout Sessions: Scientific Short Talks and Q&A**

Bench to Bedside: Translational Research, *Pechet Room*

Session Chairs: **David Friedman, MD, Medicine**
Jacalyn Rosenblatt, MD, Hematology/Oncology

Speakers:

Bruno Benitez, MD, Neurology
Novel Insights into Neurodegenerative Diseases through Multi-Omic Data Integration
Katy Stephenson, MD, MPH, Center for Virology and Vaccine Research
Phase 1 Clinical Development of a Live, Attenuated CMV Vector for HIV Vaccines
Jessica Liegel, MD, Hematology
Adoptive Cellular Therapy with Personalized Leukemia-Specific T Cells
Alex Schmaier, MD, PhD, Cardiovascular Medicine
Regulation of Endothelial Procoagulant Activity by TMEM16 phospholipid scramblases

Clinical Research and Trials, *Amphitheatre*

Session Chairs: **Max Schaefer, MD, Anesthesiology**
Zsu Zsu Chen, MD, Endocrinology

Speakers:

Jason Gaglia, MD, MMsc, Joslin Diabetes Center
Type 1 Diabetes Immune Intervention Trials
Michelle Lai, MD, Gastroenterology
Tackling Metabolic-Associated Fatty Liver Disease
Nathan Shapiro, MD, MPH, Emergency Medicine
Leveraging the 'BIDMC Collaborative Spirit' to conduct multi-disciplinary research
Max Schaefer, MD, Anesthesiology
The Center for Anesthesia Research Excellence: Facilitating and Supporting Clinical Research Within the Department

BIDMC Research Retreat

September 6, 2023 | Martin Conference Center, Boston MA

1:45 pm

Breakout Sessions: Scientific Short Talks and Q&A

Outcomes and Implementation Science, Bray Room

Session Chairs: **Jennifer Stevens, MD, MS**, Critical Care Medicine, Pulmonary Disease
Elysia Larson, ScD, MPH, Obstetrics, Gynecology, and Reproductive Biology

Speakers:

John Torous, MD, MBI, Psychiatry

The BIDMC Digital Clinical Model: Using Mobile Technology to Improve Access and Quality of Care

Rose Molina, MD, Obstetrics, Gynecology, and Reproductive Biology

Centering the Margins: Applying Patient-Centered Outcomes Research to Spanish-Speaking Patients During Pregnancy Care

Rishi Wadhera, MD, Cardiology

Policy Strategies to Advance Cardiovascular Health – Leveraging “Natural Experiments

Ashley O’Donoghue, PhD, Center for Healthcare Delivery Science

Making Sense of Messy: Real-World Data with Econometrics and Machine Learning

2:45 pm

Refreshment Break: Visit **Research Resource Tables** (Lobby and 2nd Floor Lounge), and preview **posters** (Lobby, 1st Floor, 2nd Floor – see index on pages 6-8)

3:00 pm

2nd Annual TVO “Pitch IT!” Competition, Amphitheatre

Host: **Tod Woolf, PhD**, Executive Director, Technology Ventures Office

The Guest Judges:

Angelika Fretzen, PhD, MBA

Technology Translation Director and Chief Operating Officer, Wyss Institute

Robert Linke, MBA

Chief Executive Officer, Osmol Therapeutics

BIDMC Venture Mentor

Mark Namchuk, PhD

Executive Director of Therapeutics Translation, Harvard Medical School

Mark A. Tepper, PhD

President & Chief Executive Officer, Eumentis Therapeutics, Inc.

BIDMC Venture Mentor

The Pitchers:

Antoine Karnoub, PhD

RNA immunotherapeutics targeting tumor-initiating cancer stem cells

Prashanth Thevkar-Nagesh, PhD

siRNA targeting Bruton’s tyrosine kinase (BTK) in neutrophils and myeloid precursors reduces alcohol-mediated increase in granulopoiesis and neutrophil-mediated liver damage in alcoholic-associated hepatitis

Fang Xie, PhD,

Targeting DOT1L is a novel strategy to enhance the efficacy of taxanes in prostate cancer

BIDMC Research Retreat

September 6, 2023 | Martin Conference Center, Boston MA

4:00 pm

Awards Presentation, Amphitheatre

Early Stage Career Investigator Awards

Presented by Review Committee Co-Chairs:

Clifford Saper, MD, PhD

Jeffrey Saffitz, MD, PhD

Poster Session Winners

Presented by:

Laura Aguilar-Franco, MD

Yanqin Huang, PhD

Pourya Naderi Yegenah, PhD

BIDMC CORES Raffle

Presented by:

Tanya Santos, Director, Research Operations



4:15 pm – 6:00 pm

Poster Session, Lobby, 1st Floor, 2nd Floor

Presentations of 125 posters showcasing the outstanding science at BIDMC. See pages 5-8 for poster locations and a QR code to access abstracts.

4:30 pm – 6:00 pm

Closing Reception and Networking, Elements Cafe

Thank you for attending the 2023 BIDMC Research Retreat!

Thank you to our 2023 Research Retreat Committee, our speakers and moderators, volunteers and the Joseph B. Martin Conference Center staff.

This retreat could not have been possible without the support of BIDMC.

2023 BIDMC Research Retreat Committee



Jennifer Ho, MD
Co-Chair



Simon Robson, MB, CHB, PhD
Co-Chair

Scientific Program

Laura Aguilar-Franco, MD

Michael Bigby, MD

Deborah Burstein, PhD

Richard Cummings, PhD

Elysia Larson, Sc.D

Jack Lawler, PhD

Janet Mullington, PhD

Ara Nazarian, DrSc

Yury Popov, MD, PhD

Jacalyn Rosenblatt, MD

Jennifer Stevens, MD

Gyongyi Szabo, MD, PhD

Veronique Vanderhost, MD, PhD

Tod Woolf, PhD

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Operations

Kyva Altamirano

Stephen Berry, PhD

Rhea Brubaker

Bridget Burns

Sarah Darcy

Andi Hernandez

David McCarthy, PhD

Jacqueline Mitchell

Kathleen Powers

Donna Rosen

Tanya Santos

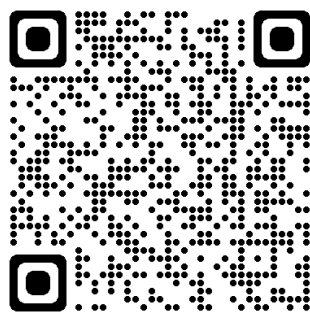
Meagan-Leslie Shea

Cindy Wong, PhD

Nancy Zhao

BIDMC Research Retreat

September 6, 2023 | Martin Conference Center, Boston MA



Use the QR Code to access the Poster Abstracts

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Please use hashtag #BIDMCResearchRetreat23

Poster Index and Locations

SYSTEMIC EFFECTS OF METABOLIC DISEASE HUB POSTERS

Title of Poster	Primary Author	No.	Location
Comparison of an artificial intelligence heart failure detection model	Al-Roub, Nora	107	1st Floor
A micropeptide that controls UCP1-independent calcium cycling thermogenesis	Auger, Christopher	108	1st Floor
VLDL Lipidomic Profiling Reveals Changes In Nonalcoholic Fatty Liver Disease Status: A liver specific adjustment	Guardamino Ojeda, David	109	1st Floor
microRNA-21: A novel therapeutic option that protects from high-fat-diet-induced liver disease progression	Jagtap, Urmila	110	1st Floor
Aminoacylase-1 Regulates Total Body Energy Expenditure and Body Weight in a Murine Model of Obesity	Jonas, Zachary	111	1st Floor
Apyrase but Not Dipyrindamole Improves Cardiac Function in Ovariectomized High-Fat Diet Mice	Khan, Adnan	112	1st Floor
Role of Gdf3 in insulin sensitivity via lipolysis	Kotikalapudi, Nagasuryaprasad	113	1st Floor
Exploring the Therapeutic Potential of a Repurposed Drug in Diabetic Wound Healing	Li, Zhuqing	114	1st Floor
Impact of heavy alcohol consumption on mitochondrial metabolites	Minchenberg, Scott	115	1st Floor
Sex Differences in Protein Biomarkers and Measures of Fat Distribution	Pan, Abigail	116	1st Floor
GDF3 simultaneously antagonizes BMP signaling and activates TGFbeta/activin-like signaling	Ramachandran, Deepti	117	1st Floor
Pro-aging extracellular vesicle-microRNAs in the onset of liver fibrosis	Rodrigues, Alice	118	1st Floor
Not So Fast: paradoxically increased variability in the glucose tolerance test due to food withdrawal in continuous glucose-monitored mice	Rubio, William	119	1st Floor
Decreased PGC-1alpha in Cardiac and Liver Tissue within a Postmenopausal Female Model	Russ, Elizabeth	120	1st Floor
Ethical and Moral Issues in Providing Extracorporeal Membrane Oxygenation (ECMO) Support: A Survey of the American Society of Anesthesiologists (ASA) Committee on Critical Care Medicine (CCM) and Extracorporeal Life Support Organization (ELSO) Membership	Siddiqui, Shahla	121	1st Floor
Persistent Cardiac Dysfunction In Ovariectomized Independent Of Metabolic Disturbance	Sohail, Ahmed	122	1st Floor
The Yucatan minipig as a model for human skin wound healing through the lens of single-cell RNA-seq	Valsami, Eleftheria-Angeliki	123	1st Floor
BCAA flux in brown fat regulates insulin sensitivity independent of thermogenesis	Verkerke, Anthony	124	1st Floor
Correlation of Plasma Glutathione Peroxidase 4 Concentration with Coronary Heart Disease and the Severity of Coronary Artery Stenosis	Zhong, Qiaoqing	125	1st Floor

PATHOGENS, IMMUNITY, AND INFLAMMATION HUB POSTERS

Title of Poster	Primary Author	No.	Location
Fermented and Unfermented Probiotic Milk Results in Different Fecal microRNA Expression patterns and Microbiome Modulation	Bogsan, Cristina	19	2nd Floor
Transplacental Transfer of SARS-CoV-2 Variant Antibodies Following COVID-19 Vaccination During Pregnancy	Conyers, Steffany	20	2nd Floor
Structural basis for recognition of unfolded proteins by the ER stress sensor ERN1/IRE1a	Grey, Michael	21	2nd Floor
Creating the BIDMC Infant Vaccine Biorepository: Challenges and Innovations	Haines, Valerie	22	2nd Floor
Triple Combination of Oral Antibiotics Omadacycline-Azithromycin-Clofazimine: A Synergistic Treatment Option for Mycobacterium abscessus Infections	Huang, Yanqin	23	2nd Floor
Failed bacterial killing by clinical TBI in neutrophil-like HL-60 cells is rescued by G-protein receptor kinase-2 and histone deacetylase inhibition	Kim, Hyo In	24	2nd Floor
iPSC-derived human organoids as a therapeutic model for intestinal fibrosis	Pettinano, Giuseppe	25	2nd Floor
When is the optimal time to get a COVID-19 vaccine in pregnancy?	Thai, Siline	26	2nd Floor
Disrupting neutrophil extracellular traps attenuates activation of hepatic stellate cells and ameliorates liver fibrosis in a model of alcohol plus NASH diet induced steatohepatitis	Babuta, Mrigya	126	2nd Floor

BIDMC Research Retreat

September 6, 2023 | Martin Conference Center, Boston MA

Poster Index and Locations

CANCER INSTITUTE POSTERS

Title of Poster	Primary Author	No.	Location
Limited English proficiency and reported receipt of colorectal cancer screening in adults 45-75 in 2019 and 2021	Bayly, Jennifer	1	2nd Floor
Investigating the CoA Biosynthesis Enzyme PANK4 As a Novel Tumor Suppressor	Dibble, Christian	2	2nd Floor
Self-reported financial toxicity in newly diagnosed patients with HCC: a prospective, ongoing single center study	Garita, Esteban	3	2nd Floor
Identification of posttranscriptional modifications in nucleic acid sequences using purpose-designed molecular beacons	Ghiran, Ionita	4	2nd Floor
A Retrospective Chart Review of Anal Dysplasia Screening Practices among High-Risk Populations in an Academic Medical System	Gore, Daniel	5	2nd Floor
PPAR Beta/Delta has an indispensable role in T cell function and anti-tumor responses	Ibis, Betul	6	2nd Floor
Lipid kinase PIP5K1A regulates microRNA biogenesis through interacting with nuclear export protein XPO5	Li, Chun	7	2nd Floor
Assessment of Axillary Management Following Neoadjuvant Chemotherapy in Clinically Node-Positive Triple-Negative Breast Cancer	Mitri, Samir	8	2nd Floor
Novel long noncoding RNA LINC01133 -triggered oncogenic signaling mechanisms in triple negative breast cancer	Moses, Leah	9	2nd Floor
Effect of anti-inflammatory and chemotherapy drugs on lymphocyte infiltration into the periablational rim and remote non-ablated tumor after ablation	Moussa, Marwan	10	2nd Floor
Phosphorylation proximal to the FOXA1 Alpha-Helical Histone Binding Domain Promotes Access to the AR Cistrome by Ligand Independent Androgen Receptor Variants in Enzalutamide Treated Cells	Nouri, Mannan	11	2nd Floor
Is Financial Toxicity Associated with Delays in Diagnosis in Gynecologic Cancers?	Reyes, Maria	12	2nd Floor
Free heme exacerbates colonic injury induced by anti-cancer therapy	Seika, Philippa	13	2nd Floor
Immunohistochemical and Genetic Profiles of Mixed Hepatocellular Cholangiocarcinoma: A Single Institution Experience over 10 years	Sucre, Santiago	14	2nd Floor
EBF3 loss alters the leukemic state and acts as an oncogenic dependency in acute promyelocytic leukemia	Uyemura, Madison	15	2nd Floor
Time to Recurrence after Locoregional Therapy in Hepatocellular Carcinoma	Whaley, Juan Jose Juarez-Vignon	16	2nd Floor
FOXJ1, a master regulator of microtubules, mediates Taxane resistance in Pca	Xie, Fang	17	2nd Floor
Trogocytosis-Mediated CD39 Acquisition and P2X7 Signaling Enhance Pathogenicity in Acute Myeloid Leukemia	Zhang, Haohai	18	2nd Floor

NEUROSCIENCE CONNECTIONS HUB POSTERS

Title of Poster	Primary Author	No.	Location
iPSC-derived astrocytes and neurons replicate brain gene expression and epigenetic alterations found in autism	Abdolmaleky, Hamid	27	Lobby
Circadian Control of Sexual Behavior & Underlying Hypothalamic Circuitry	Aten, Sydney	28	Lobby
Proteomic Analysis Reveals LRRK2-Associated Proteins Impacting Lysosomal Function and Alpha-Synuclein Processing	Benitez, Bruno	29	Lobby
Alcohol modulates hepatic amyloid beta and lipid metabolism in the APP/PS1 mouse model of Alzheimer's disease	Brezani, Veronika	30	Lobby
Neurophysiological correlates of lifestyle diabetes care: A theoretical framework	Cabral, Danylo	31	Lobby
Chronic lysosomal dysfunction mediated by PPT1 and Naglu haploinsufficiency changes circRNAs levels in Alzheimer's disease pathology	Cardenas Romero, Skarleth	32	Lobby
The impact of total sleep deprivation, sleep restriction, and sleep disruption on sleepiness, fatigue, and pain under controlled experimental conditions	Coelho, Fernando Morgadinho Santos	33	Lobby
Prolonged hyperthermia as a therapeutic strategy for ischemic stroke	Costa, Luis	34	Lobby
A Comparison of Lymphopenia During Treatment with Diroximel Fumarate and Dimethyl Fumarate in Multiple Sclerosis Patients	Dempsey, John	35	Lobby
Retromer stabilization using a pharmacological chaperone protects in $\alpha\text{Syn}^{\text{A53T}}$ synuclein based mouse model of Parkinson's	Eleuteri, Simona	36	Lobby
Pharmacologically targeting inflammation in response to experimental sleep restriction and recovery sleep in healthy humans	Engert, Larissa	37	Lobby
Representation of visceral signals in the lateral parabrachial nucleus during feeding	Essner, Rachel	38	Lobby
Representations of the interoceptive effects of nicotine in the insular cortex	Evans, Kathryn	39	Lobby
Electrical Impedance Neurography: A potential new tool to assess peripheral nerve health intraoperatively	Goben, Merle	40	Lobby
Post-transcriptional regulatory effects of meditation: preliminary results	Goncalves, Maria Carolina	41	Lobby
IRF3 regulates neuroinflammation in acute inflammatory conditions and in Alzheimer's disease	Joshi, Radhika	42	Lobby
Peripheral Inflammatory Subgroup Differences in Anterior Default Mode Network and Multiplex Functional Network Topology are Associated with Cognition in Psychosis	Kiely, Chelsea	43	Lobby
Bariatric surgery outcomes in multiple sclerosis: interplay with vitamin D and chronic pain syndromes	Jun, Claire	44	Lobby
Integrating systems biology for identifying causal proteins and unraveling proteomic signatures in Parkinson's disease	Lai, Mei-Yu	45	Lobby
Identifying Fiber Tracts from Focal Stroke Lesions & Brain Stimulation Connectivity in Parkinson's Disease	Luo, Lan	46	Lobby
Clinical course of multiple sclerosis with comorbid endometriosis: a matched cohort study	Manning, Nova	47	Lobby
Narrow band green light (NbGL) effects on headache, photophobia, sleep, and anxiety among migraine patients: An open-label study conducted online using daily headache diary (NCT04841083)	Melo-Carillo, Agustin	48	Lobby
The Effects of Lesion Network Guided Transcranial Electric Stimulation on Cognition in Psychosis	Molho, Willa	49	Lobby
Applying Few-Shot Learning to Identify Delirium in Electronic Health Records	Munoz, Ricardo	50	Lobby
Efficacy and Tolerability of Lesion Network Guided Transcranial Electrical Stimulation in Outpatients with Psychosis Spectrum Illness: A Nonrandomized Controlled Trial	Raymond, Nicolas	51	2nd Floor
A cell-autonomous role of DNAJC5 in microglia in Alzheimer's disease	Rosene, Matthew	52	2nd Floor
Adaptation To Full Weight-bearing Following Disuse: The Impact Of Biological Sex On Musculoskeletal Health	Rutkove, Seward	53	2nd Floor
Novel Electrophysiological and Ultrasound Biomarkers of Muscle Trigger Points	Soleil, Samaan	54	2nd Floor
Monitoring changes in audiovisual integration induced by electrical stimulation of the superior temporal sulcus in hallucinators	Trotti, Rebekah	55	2nd Floor
Improving Assessment of Pulmonary Dysfunction in ALS via Electrical Impedance Tomography	Verga, Sarah	56	2nd Floor

Poster Index and Locations

NON HUB DESIGNATED POSTERS

Title of Poster	Primary Author	No.	Location
Developing an Affordable External Fixator for Low-Resource Settings	Agarwal-Harding, Kiran	57	1st Floor
Factors Associated with Small Arterial Return Cannula among Adults Receiving VA-ECMO: An ELSO Registry Analysis	Aguilar Franco, Laura	58	1st Floor
Does perioperative anticoagulant bridging reduce mortality in elderly patients undergoing operative hip fracture repair?	Akodu, Michael	59	1st Floor
The relationship between SRD5A2 expression and response to SARI treatment in the MTOPS study.	Al-Faouri, Ra'ad	60	1st Floor
Carbon monoxide induces skeletal muscle heme oxygenase-1 and improves exercise performance	Alves-Souza, Rodrigo	61	1st Floor
The impact of pregnancy complications on GAD-7 scores among a cohort of women with self-reported diagnosis of PAS	Arambula, Guadalupe	62	1st Floor
Protective efficacy of natural immunity of Monkeypox (MPOX) exposure against re-challenge	Boudries, Malika	63	1st Floor
Three-Dimensional Printed Omniplane Simulator and Heart Models in Transesophageal Echocardiography Education: A Pilot Study	Bu, Yifan	64	1st Floor
Interdependent Regulation of Vascular Endothelial Adenosinergic Signaling by Estrogen and Hypoxia	Cassavaugh, Jessica	65	1st Floor
New insights into placental NAD+ handling	Ciampa, Erin	66	1st Floor
Arterial Cannula Size and the Need for Delayed Left Ventricular Mechanical Unloading in Adults Supported with VA-ECMO: An ELSO Registry Analysis	Delgado, Alvaro	67	1st Floor
A Systematic Review and Meta-Analytic Evaluation of Moral Distress in Oncology Nursing	Eche-Ugwu, Ijeoma	68	1st Floor
A proof of concept case series of Botulinum Toxin A treatment for ischemic feet due to Raynaud's Phenomenon	Eeuwen, Joris	69	1st Floor
Effects of DASH Groceries on Blood Pressure in Black Residents of Urban Food Deserts With & Without Treated Hypertension (GoFresh & GoFreshRx)	Elborki, Marwa	70	1st Floor
Individualized, Intraoperative Video Recordings at the End of Lower Limb Free Flap Reconstructions Made Accessible at the Bedside Improve Patient and Provider Satisfaction	Faulhaber, Raffaella	71	1st Floor
Is fetal abdominal circumference predictive of small for gestational age birthweight in twin pregnancies?	Febres-Cordero, Daniela A	72	1st Floor
Hierarchical structures of hematopoietic stem cells and their bone marrow niches are measures via immune privilege	Fujisaki, Joji	73	1st Floor
Neonatal and Maternal Outcomes Following Implementation of Expectant Management of PPROM in the Late Preterm Period	Germano Toledo, Rafaela	74	1st Floor
Cytokine activation of peripheral blood and decidua CD8+ T cells in IVF pregnancy compared to non-IVF pregnancies	Hsieh, Yi Jin	75	1st Floor
Emerging standards in the field of Spatial Transcriptomics	Kalavros, Nikolaos	76	1st Floor
YAP-dependent epithelial-stromal interactions in the kidney glomerulus are dependent on injury driven changes in the integrin repertoire	Kreidberg, Jordan	77	1st Floor
Targeting CYP1 Protects Mice against Anthracycline Cardiac Toxicity	Liu, Jing	78	1st Floor
Silencing of aryl hydrocarbon receptor repressor modulates Th17-cell immunity in autoimmune hepatitis	Longhi, Maria Serena	79	1st Floor
Selective inhibition of estrogen receptor alpha restores regulatory T-cell function in autoimmune hepatitis	Longhi, Maria Serena	80	1st Floor
Impact of Socioeconomic Factors on Patient and Graft Survival Among Patients with Autoimmune Liver Diseases: A 20-Year Perspective	Marengo-Flores, Ana	81	1st Floor
Redox modulator AKT-1005 alleviates oxidant stress in an in vitro model of Preclampsia	Mastyugin, Maxim	82	1st Floor
Occurrence of Interim Complications Jeopardizes Outcome of Two-Stage Exchange for Prosthetic Joint Infection	Mctague, Michael	83	1st Floor
Extracellular Vesicle miRNA Distinctly Expressed in Trauma-Associated Pneumonia are Implicated in Hypoxia	Melton, David	84	1st Floor
Evaluating clinician trust in doulas	Myrick, Jeanette	85	1st Floor
Exploring the differences in the responses of obstetric patients to depression screening questionnaires administered in a clinical versus a research setting	Noor Chelsea, Nadiha	86	1st Floor
Association of Targeted Restriction on Abortion Provider (TRAP) Laws with Maternal Morbidity by Maternal Immigration Status	O'Donoghue, Ashley	87	1st Floor
Alcohol binge exacerbates liver damage in a novel cholestatic model of acute-on-chronic liver failure by promoting NETs and necro/pyroptotic cell death	Ortega Ribera, Marti	88	1st Floor
Perspectives and Current Practice Patterns Among Neurologists and Obstetricians in Breastfeeding Counseling in Women with Epilepsy	Pang, Trudy	89	1st Floor
First-Pass Pulmonary Vein Isolation and Rates of Chronic Reconnection in Patients with Recurrent Atrial Fibrillation	Perez Pinzon, Juliana	90	1st Floor
Impact of trainee presence on operative efficiency of Holmium Laser Enucleation of the Prostate (HoLEP)	Perez, Agustin	91	1st Floor
The Effect of Pregnancy Complications on Postpartum Quality of Life Among an International Cohort of Patients with Placenta Accreta Spectrum.	Philip, Kripa	92	1st Floor
In situ spatial transcriptomics reveals the transcriptional landscape of the pathogenesis of primary sclerosing cholangitis	Pita-Juarez, Yered	93	1st Floor
A Conduit for a Culturally Competent Consent: Medical Interpreters' Perspectives on Surgical Informed Consent Discussions	Ponce, Cristina	94	1st Floor
Preliminary Findings from a Prospective Therapeutic Drug Monitoring Study for Hidradenitis Suppurative Submission	Porter, Martina	95	1st Floor
Non-medical cannabis use and major adverse cardiovascular or cerebrovascular events after surgery or interventional procedures: a retrospective cohort study.	Ratajczak, Nikolai	96	1st Floor
Tidal Volume-guided Mechanical Ventilation in the Intensive Care Unit	Redaelli, Simone	97	1st Floor
Localized mRNA translation mediated by Staufen regulates cytoskeletal	Schumacher, Valerie	98	1st Floor
The impact of institutional changes in volatile anesthetic availability	Seibold, Eva-Lotte	99	1st Floor
ESR1+ luminal epithelial cells drive the prostate growth and survival	Sharkey, Christina	100	1st Floor
Association of medical co-management of patients with hip fracture and patient outcomes	Stevens, Jennifer	101	1st Floor
Lisinopril-mediated ACE inhibition reduces proteinuria and sclerosis in G1/G1 but not G2/G2 APOL1 mouse model of FSGS	Sula Karreci, Esilida	102	1st Floor
In vivo Bruton's tyrosine kinase (BTK) inhibition attenuates alcohol associated liver disease by regulating granulopoiesis involving CD84 (SLAMF5)	Thevkar Nagesh, Prashanth	103	1st Floor
Nativity Status and Racial/Ethnic Differences in Cardiovascular Mortality in the United States: National Health Interview Survey 1999-2018	Turkson-Ocran, Ruth-Alma	104	1st Floor
Evidence for the presence of hyper- and hypo-inflammatory subphenotype in patients at risk of ARDS presenting to the emergency department: a secondary analysis of the LIPS-A trial	Von Wedel, Dario	105	1st Floor
Clinical Outcomes of Post-TKA Extensor Mechanism Reconstruction with Aortobifemoral Vascular Graft	Zhang, Yibin	106	1st Floor