First Name	Middle Initial	Last Name	IC	Scientific Focus Area	Title	POSTCAT#
Cristina		Antich Acedo	NCATS	Biomedical Engineering and Biophysics	A high throughput 3D bioprinted human placenta model as a novel predictive platform to study drug safety and pathological conditions during pregnancy	BME-1
Sayantan		Bhadra	CC	Biomedical Engineering and Biophysics	Universal deep learning segmentation of third space fluids on abdominal CT	BME-2
Ricardo		Bigolin Lanfredi	CC	Biomedical Engineering and Biophysics	LEAVS: A Large Language Model Labeler for Training Abdominal Computed Tomography Artificial Intelligence Models	BME-3
Sean	R	Cleary	NINDS	Biomedical Engineering and Biophysics	Direct detection of ATP13A2 polyamine transport across the plasma membrane of Xenopus oocytes	BME-4
Emilios	K	Dimitriadis	NIBIB	Biomedical Engineering and Biophysics	Atomic Force Microscopy: A Versatile Microscopy Resource for IRP collaborations	BME-5
Carey	E	Dougan	NIBIB	Biomedical Engineering and Biophysics	BETA Center: Designing, Engineering, and Characterizing User Specific Biomaterials	BME-6
Ibraheem	S	Farooq	NIDDK	Biomedical Engineering and Biophysics	Video analysis system for behavior and activity assessment of fruit flies in high throughput studies	BME-7
Shayne	A	Frebert	NCATS	Biomedical Engineering and Biophysics	3D Bioprinted Functional Neuromuscular Junction Tissue Models of Myopathies for Therapeutic Discovery	BME-8
Raisa	Z	Freidlin	NIBIB	Biomedical Engineering and Biophysics	Mixed Reality Visualization and Manipulation with Freehand ROI Drawing in 3D Clinical and Research Data	BME-9
Kevin		Gery	NHLBI	Biomedical Engineering and Biophysics	Correlative Raman and immunofluorescence imaging reveals heterogeneity of stress granules induced by oxidative damage	BME-10
Mishkat		Habib	NIDDK	Biomedical Engineering and Biophysics	Characterizing Liver-Mimicking Phantoms for Modeling Biomechanical Properties Using DMA and MRI	BME-11
Miguel		Holmgren	NINDS	Biomedical Engineering and Biophysics	AI-guided identification of lipid-binding sites in membrane proteins: disambiguation of cryo-EM densities with co-folding and structural simulation tools	BME-12

Thomas	T	Jones	NIBIB	Biomedical Engineering and Biophysics	Development of a High-Precision Actuator for Wide-Frequency Magnetic Resonance Elastography	BME-13
Heather		Kalish	NIBIB	Biomedical Engineering and Biophysics	Microanalytical Immunochemistry Unit- An NIH Analytical Resource	BME-14
Parnika		Kant	NIBIB	Biomedical Engineering and Biophysics	Comparison of 3D culture models for use in a thyroid-on-a-chip	BME-15
L.	Madison	Kirk	NCATS	Biomedical Engineering and Biophysics	Hepatic spheroids as predictive liver models for high throughput screening of potential drug-induced liver injury (DILI) compounds	BME-16
Jonathan	A	Krynitsky	NIBIB	Biomedical Engineering and Biophysics	Characterizing Spontaneous Movements During Early Development of Mice	BME-17
Yi Wei		Lim	NCATS	Biomedical Engineering and Biophysics	Biofabrication of immunocompetent 3D skin tissue equivalents to model skin wound healing and fibrosis.	BME-18
Andrew		Massey	NIBIB	Biomedical Engineering and Biophysics	Sialic acid depletion leads to profound remodeling of glycocalyx architecture and mechanics in pancreatic cancer cells	BME-19
Mazen		Mezher	NIBIB	Biomedical Engineering and Biophysics	Ezrin plays a key role in regulating the viscoelastic properties and force generation in T lymphocytes during the formation of the immunological synapse.	BME-20
Andre	R	Montes	NIBIB	Biomedical Engineering and Biophysics	Cerebral arteries in mice with sickle cell disease are exposed to larger areas of low wall shear stress	BME-21
Nicole	Y	Morgan	NIBIB	Biomedical Engineering and Biophysics	Microfabrication for biomedical research	BME-22
Ai	N	Nguyen	NIBIB	Biomedical Engineering and Biophysics	A conserved oligomerization motif in the disordered linker of coronavirus nucleocapsid protein	BME-23
Justine	C	Noel	NCATS	Biomedical Engineering and Biophysics	Deciphering Placental Immunity: Predictive Human Placenta Barrier Model to Study Trimester-Specific Inflammatory Responses.	BME-24
Monika		Rajput	NCATS	Biomedical Engineering and Biophysics	3D Bioprinted in vitro vascularized tissue model to investigate angiogenesis and vascular dysfunction induced by environmental toxicants	BME-25

Seungmi		Ryu	NCATS	Biomedical Engineering and Biophysics	Development of disease models and therapeutic strategies using human pluripotent stem cell-derived organoids for translational research	BME-26
Zillay		Saleem	NIBIB	Biomedical Engineering and Biophysics	Improving Sensitivity in MALDI-TOF Imaging Through Systematic Protocol Optimization	BME-27
Asma		Sodager	NICHD	Biomedical Engineering and Biophysics	Optical Assessment of Blood Pressure-Related Changes During a Mental Arithmetic Task After Artifact Removal	BME-28
Yerbol		Tagay	NIBIB	Biomedical Engineering and Biophysics	Cracking the Code of Nuclear Rigidity: New Frontiers in Cell Migration and Therapy	BME-29
Yen-Ting		Tung	NCATS	Biomedical Engineering and Biophysics	Single-cell transcriptomics on a bioprinted 3D neurovascular unit glioblastoma model identifies pharmacological interventions that selectively target tumor cells	BME-30
Quoc	T	Vu	NHLBI	Biomedical Engineering and Biophysics	Site-specific Raman Probes of TDP-43 C-terminal Domain Phase Separation and Aggregation	BME-31
Di		Wu	NHLBI	Biomedical Engineering and Biophysics	Mass Photometer Used in Biological Studies	BME-32
Linlin		Yao	CC	Biomedical Engineering and Biophysics	Automatic anatomical labeling of abdominal arteries in contrast-enhanced CT scans	BME-33
Huaying		Zhao	NIBIB	Biomedical Engineering and Biophysics	Multimethod Analysis of Size Distribution and Composition of Macromolecular Assemblies	BME-34
Djawed		Bennouna	NCATS	Cancer Biology	Exploring Metabolic Changes in Glioblastoma Cells Induced by AI-Selected Ciclopirox Through Metabolomics	CAN-1
Anusha	R	Bhatia	NCI	Cancer Biology	Uncovering the mechanisms governing HOXB13 transcriptional activity in castration-resistant prostate cancer	CAN-2
Junlong		Chi	NIAMS	Cancer Biology	Dependence on ATF4-driven integrated stress response as a novel therapeutic vulnerability in Merkel cell carcinoma	CAN-3
Kristen	N	Fousek	NCI	Cancer Biology	Characterization of the anti-tumor efficacy of memory cytokine enriched NK cells (M-ceNK) against neuroendocrine tumors	CAN-4

Omotola		Gbadegesin	NCI	Cancer Biology	P-gp overexpression confers resistance to treatment with mirvetuximab soravtansine	CAN-5
William	F	Heinz	NCI	Cancer Biology	Restricted Exchange Environment Chambers: In Vitro Modeling of Cell-Generated Molecular Gradients in the Triple Negative Breast Cancer (TNBC) Tumor Microenvironment	CAN-6
Tawnjerae		Joe	NCI	Cancer Biology	Understanding the molecular mechanisms of cervical carcinogenesis caused by rare human papillomavirus types	CAN-7
Karambir		Kaur	NCI	Cancer Biology	mtKO: A dedicated guide RNA library for mitochondria redox biology research	CAN-8
Arshi		Kaur	NINDS	Cancer Biology	First-hit at NF2 gene constraints the second-hit found in neurofibromatosis type 2 associated tumors	CAN-9
Michael	J	Kruhlak	NCI	Cancer Biology	Microscopy and Digital Imaging in the CCR Microscopy Core	CAN-10
Fengchao		Lang	NCI	Cancer Biology	Oncometabolite D-2-Hydroxyglutarate Impairs Homologous Recombination by Disrupting Chromatin Topology	CAN-11
Alexandra	M	LaTrenta	NCI	Cancer Biology	Targeting the IRF4/BATF3 transcription factor complex in peripheral T-cell lymphoma through determination of its upstream regulatory components	CAN-12
Xin		Li	NCI	Cancer Biology	Loss of Ikka promotes upper tract urothelial carcinoma through SOX2 upregulation and stress granule formation	CAN-13
Katherine	E	Lothstein	NCI	Cancer Biology	A novel TCRβ-directed IL-2 fusion molecule synergizes with HDAC inhibition to drive early expansion of a TCF1+ $CD8^+$ T cell subset, supporting sustained therapeutic responses.	CAN-14
Megan	T	Lynch	NCI	Cancer Biology	Early changes in serum proteomic profiles predict anti-tumor activity in patients with advanced HPV-associated malignancies treated with novel combination immunotherapy	CAN-15
Maria del Mar		Maldonado Montalban	NCI	Cancer Biology	Combination of a therapeutic cancer vaccine targeting the endogenous retroviral envelope protein ERVMER34-1 with immune-oncology agents facilitates expansion of neoepitope specific T cells.	CAN-16
Elijah	N	Marquez	NIBIB	Cancer Biology	Upregulated expression of bulky glycoproteins modulates integrin-based adhesions in pancreatic cancer cells	CAN-17

Ainara		Meler	NCI	Cancer Biology	Intratumoral IL-12 in combination with HDAC inhibition overcomes checkpoint-refractory tumors	CAN-18
Jatia		Mills	NINDS	Cancer Biology	Multiplex Staining and VINE-seq Demonstrates the Temporospatial Complexity of the Blood-Tumor-Barrier in Pediatric-Type Diffuse High Grade Glioma	CAN-19
Allison	V	Mitchell	NCI	Cancer Biology	Identifying the epigenetic drivers of cisplatin resistance in small cell lung cancer (SCLC) with neuroendocrine features	CAN-20
Abibatou		Ndoye	NCATS	Cancer Biology	Chemogenomic screens identify potential multi-component KRAS combination therapies	CAN-21
Seth	J	Niemann	NCI	Cancer Biology	Derivation and Characterization of Murine Cas9+ EpCAM+ Oral Squamous cell Carcinoma Cell Lines: mCas9-OSCC	CAN-22
Stephanie	C	Pitts	NCI	Cancer Biology	A tumor-targeting IL-12 immunocytokine therapy in patients with advanced solid tumors increases peripheral natural killer (NK) cells with phenotypes associated with increased tumor cell lysis	CAN-23
Pawan	K	Raut	NCI	Cancer Biology	Expression of Myc family proteins contributes to the growth and oncogenic transformation of fusion-positive rhabdomyosarcoma	CAN-24
Chloe	M	Sachs	NCI	Cancer Biology	Secretome distinguishes spectrum of NF1 associated peripheral nerve sheath tumors	CAN-25
Fahimeh		Shahabipour	NCATS	Cancer Biology	A Bioprinted Vascularized Lung Tissue Model of Non-Small Cell Lung Cancer Cell Growth for the Discovery of New Cancer Drugs Targeting the Tumor Microenvironment	CAN-26
Amit Kumar		Singh	NCI	Cancer Biology	Host-Microbiota interactions fuel skin cancer in the context of TLR4 deficiency and epithelial IKKa reduction	CAN-27
Balakrishnan		Solaimuthu	NCI	Cancer Biology	Dysregulation of PI3K-Akt signaling in PTEN null cancer cells prevents ciliogenesis	CAN-28
Dimitris		Stellas	NCI	Cancer Biology	Locoregional delivery of heterodimeric IL-15 promotes tertiary lymphoid structure formation and long-term anti-tumor immunity in mouse TNBC breast cancer	CAN-29
Joanna	R	Thomas	NCI	Cancer Biology	Development of a zebrafish model to study blood-brain barrier integrity	CAN-30

Nicole	J	Toney	NCI	Cancer Biology	Interrogation of the Peripheral Immunome from QuEST1 in Men with Castration-Resistant Prostate Cancer	CAN-31
Frances	A	Tosto	NCATS	Cancer Biology	Profiling the drug-combination landscape of Menin-MLL inhibitors to establish a targeted multi-component therapy for acute myeloid leukemia	CAN-32
Deep Kumari		Yadav	NCI	Cancer Biology	Toll-like receptor 4 deletion promotes bacterial burden and cutaneous tumorigenesis in mice lacking one Ikkα allele in keratinocytes	CAN-33
Tae Gyun		Yang	NCATS	Cancer Biology	Development of Potent Nicotinamide N-Methyl Transferase Inhibitors for Cancer Treatment	CAN-34
Karen		Zhai	NCI	Cancer Biology	Development of long-term lineage tracing platform for normal human pancreatic acinar and duct cells ex vivo	CAN-35
Shuling		Zhang	NCI	Cancer Biology	Characterization of Allelic Variants of MTOR Associated with Cancer Susceptibility	CAN-36
hammed Rizwan		Babu Sait	CC	Cell Biology	VEGFR2 induces tyrosine phosphorylation of the scaffold protein IQGAP1	CEL-1
Olivia	M	Cirilo	NIDCR	Cell Biology	Development and characterization of an ex vivo 3D salivary gland organ culture model	CEL-2
Sarah	F	Clatterbuck Soper	NCI	Cell Biology	PML promotes organization of nuclear f-actin to support ALT telomere maintenance	CEL-3
Phuong	T.B.	Doan	NCI	Cell Biology	Investigation of membrane trafficking and organization at the mother centriole during primary ciliogenesis using advanced cellular imaging	CEL-4
Ju Hee		Kim	NIDDK	Cell Biology	Bone Morphogenetic Protein 7 Increases the Thermogenic Capacity of Human White and Brown Adipocytes	CEL-5
Ju Hee		Kim	NIDDK	Cell Biology	Human White and Brown Adipose Tissues Are Sites of Bile Acid Metabolism	CEL-6
Molly		Kulikauskas	NCATS	Cell Biology	Three orthogonal cell-based assays to identify JAG1 up-regulators as potential therapeutics for Alagille Syndrome	CEL-7

Liu		Liu	NIDDK	Cell Biology	Crosstalk between Gs and Gq signaling is essential for proper α-cell function	CEL-8
Hannah		Mager	NIMH	Cell Biology	Effect of Trisomy 21 on oxygen consumption and hydrogen efflux in iPSC-derived microglia	CEL-9
Eva		Messager	NIDDK	Cell Biology	Saving the Liver: PCBP1 and PCBP2 Iron Chaperones are Essential for Hepatocyte Survival	CEL-10
Abigail		Molnar	NIA	Cell Biology	Investigating the molecular basis of NAD+ metabolism imbalance and its therapeutic applications in Fanconi Anemia	CEL-11
Masato		Ooka	NCATS	Cell Biology	Profiling of Environmental Heavy Metal Compound Mixtures for Their Carcinogenicity and Mechanism of Action	CEL-12
Gulberk		Ozcebe	NIEHS	Cell Biology	Primary Cilia-Driven Metabolic Rewiring in Lung Fibroblasts Promotes Fibrosis	CEL-13
Kartick		Patra	NIDDK	Cell Biology	Hyperglycemia of diabetes disrupts vitamin C physiology in vitro and in vivo: a glucose-mediated translational stress response	CEL-14
Mohammad	M	Rahman	NIDDK	Cell Biology	Mitochondrial size and contact sites in mouse oocytes, as revealed by volume Electron Microscopy	CEL-15
Nicole		Taube	NIEHS	Cell Biology	HIV Therapeutics Impair Reverse Remodeling of Cardiac Physiology in the Maternal Heart: A Role for Mitochondria in Maternal Health	CEL-16
Eleanor	J	Wind	NIA	Cell Biology	Function of COPI-vesicle coat proteins in senescence	CEL-17
Eleanor	J.	Wind	NIA	Cell Biology	Function of COPI-vesicle coat proteins in senescence	CEL-18
Juan		Yang	NEI	Cell Biology	GSK3 inhibition as a strategy to suppresses and reverse EMT in hiPSC-derived RPE cells from AMD Patients	CEL-19
Taewoo		Yang	NCI	Cell Biology	Characterization of a novel Rab-membrane trafficking pathway in multiciliogenesis using vEM	CEL-20

Brynn	C	Brusseau	NCATS	Chemical Biology	Development of brain penetrant small molecule correctors for DYT1 dystonia	CHE-1
Elias		Carvalho Padilha	NCATS	Chemical Biology	First-In-Human Dose Prediction of Metarrestin via Cross-Species PBPK Modeling and Evaluation in Human Plasma Samples	CHE-2
Daniel	A	Ciulla	NCATS	Chemical Biology	The structural dynamics response (SDR) assay for the study of protein-ligand pharmacology	CHE-3
Abigail	M	Davis	NCATS	Chemical Biology	Quantitative high-throughput screening reveals non-steroidal activator of human Sonic hedgehog protein autoprocessing	CHE-4
Phoenix	A	Davis	NIDDK	Chemical Biology	Engineering Nanobody-Peptide Conjugates to Dissect GPCR Function in Diabetes and Obesity	CHE-5
Patricia	K	Dranchak	NCATS	Chemical Biology	Non-mammalian disease and toxicity modeling with Caenorhabditis elegans quantitative high throughput screening (qHTS)	CHE-6
Minh Thanh		La	NIDA	Chemical Biology	Strategy towards the Preparation of 8-Oxo-5-(3-hydroxyphenyl)morphan: An Optimized One-pot Two-step Synthesis of α-Bromoketone Intermediate via Silyl Enol Ether	CHE-7
Wes		Lee	NCATS	Chemical Biology	Quinoline-3-Carboxamides as Potent Antimalarial Agents Targeting Plasmodium falciparum PI4KIIIβ	CHE-8
Joshua		Pandian	NCI	Chemical Biology	Developing PREP covalent inhibitors containing 4-chloro-pyrazolopyridine (CPzP) warheads	CHE-9
Melanie		Pernak	NCI	Chemical Biology	Targeting RNA 3D conformations using small molecules to modulate protein expression.	CHE-10
Yanyan		Qu	NCATS	Chemical Biology	A high-throughput targeted mass spectrometry assay for covalent library screening	CHE-11
Selvam		Raju	NCATS	Chemical Biology	Evaluation of Imidazo[4,5-c]quinolin-2-imines and Their Analogues in Antimalarial Studies	CHE-12
Sandeep		Rana	NCATS	Chemical Biology	A potent and selective Methotrexate based DHFR degrader suppresses leukemia progression	CHE-13

Tanishka	S	Saraf	NCATS	Chemical Biology	Biochemical proximity-based assay profiling to evaluate reproducibility in identifying high-throughput screening hits	CHE-14
Bridget	S	Scherer	NCATS	Chemical Biology	Discovery and Optimization of LATS1/2 Kinase Inhibitors for Wound Healing	CHE-15
Renier		Van Neer	NCATS	Chemical Biology	Cyclic peptide inhibitors of secreted M. tuberculosis chorismate mutase enable development of high throughput ligand displacement assays	CHE-16
Ethan	K	Veinbachs	NCI	Chemical Biology	Chemical strategies to study targeted deISGylation by harnessing USP18 specificity	CHE-17
Khanh	H	Vu	NCI	Chemical Biology	Bifunctional Cyanine Probes to Improve Antibody Tracking	CHE-18
Adam		Yasgar	NCATS	Chemical Biology	Integrating Machine Learning and High Throughput Screening to Identify High Quality Chemical Probe Candidates Targeting Aldehyde Dehydrogenases	CHE-19
Wengang		Zhang	NCI	Chemical Biology	Dynamic allostery of cyclin-CDK1/2 complexes drives phase-specific cell cycle progression and a strategy for allosteric degradation of CDK2	CHE-20
Xue Zhi		Zhao	NCI	Chemical Biology	Application of a bivalent “click” approach to target tyrosyl-DNA phosphodiesterase 1	CHE-21
Najma		Shaheen	NIDDK	Chromosome Biology	Identification of novel proteins involved in the regulation of DNA replication and homologous recombination in Mammalian Meiosis.	CHR-1
Ifeoma	C.	Akwue	NIMH	Clinical Research	Manic Symptoms in Bipolar Disorder: Translating Categorical Measures to a Dimensional Scale	CLI-1
Akram		Arabi	NCI	Clinical Research	Successful Management of Metastatic Insulinoma with Capecitabine and Temozolomide Therapy	CLI-2
Saghar		Babaeian	NIAAA	Clinical Research	Associations Between Childhood Trauma and Brain Volume in Alcohol Use Disorder	CLI-3
Ryan		Baugher	NCI	Clinical Research	Partnership Options for Customized Clinical Assay Development	CLI-4

Simon Pierre		Bigirimana	NIDDK	Clinical Research	Detecting cardiometabolic risk by a 1-hour OGTT is enhanced by dividing intermediate hyperglycemia according to the presence or absence of impaired fasting glucose	CLI-5
Jonathan	A	Bolanos	NIDDK	Clinical Research	Progress and Promise: N-Acetylmannosamine (ManNAc) as a Therapy for Glomerular Diseases	CLI-6
Elizabeth	A	Campbell	NIMH	Clinical Research	Comorbidity and familial aggregation of migraine and motion sickness in the NIMH Family Study of Affective Spectrum Disorders	CLI-7
Kanika		Chopra	NIAID	Clinical Research	Patient-reported outcomes in a cohort of patients with type I interferonopathies treated with Anifrolumab, an anti-IFNAR1 monoclonal antibody	CLI-8
Molly		Congdon	NCATS	Clinical Research	Formulation development of an inhalation drug product for the treatment of excessive dynamic airway collapse	CLI-9
Angelique	A	de Rouen	NIA	Clinical Research	Association of circulating cholesterols with cerebral white matter myelination and microstructural integrity	CLI-10
Genevieve	S	Depke	NICHD	Clinical Research	Nestorone and estradiol releasing vaginal ring: the impact of three hormone-free intervals on bleeding profile	CLI-11
Anna	M	Erickson	NIAID	Clinical Research	Evaluating Treatment Efficacy of Avapritinib in Patients with Indolent Systemic Mastocytosis Over 12 Months	CLI-12
Tahsin		Farid	NCATS	Clinical Research	The CURE ID Long COVID Survey Identifies Symptoms Most Significant to Patients and How Those Symptoms Are Being Treated	CLI-13
Meredith	C	Glavach	NHLBI	Clinical Research	Diagnosis of Coronary Microvascular Disease in a 25-Year-Old Using Quantitative Perfusion Cardiac Magnetic Resonance Imaging	CLI-14
Meghali		Goswami	NCI	Clinical Research	Increases in peripheral memory T cells with self-renewing properties in patients with advanced solid tumors treated with tumor-targeting IL-12 immunocytokine therapy	CLI-15
Julia		Grafsetin	NHGRI	Clinical Research	The utility of deep phenotyping in elucidating a mechanism in a unique case of autoimmune cytopenia	CLI-16
Olivia		Kearns	NIMH	Clinical Research	The fear of knowing it could happen sometime down the road: Psychosocial impacts of RUNX1-Familial Platelet Disorder	CLI-17

Arushi		Kotru	CC	Clinical Research	Tracking Mobility and Quadriceps Strength in People with Spinal Bulbar Muscular Atrophy Over 2 Years	CLI-18
Zhanpeng		Kuang	CC	Clinical Research	Identifying drinking patterns in alcohol use disorder using Timeline Follow-back data	CLI-19
Siobhan	M	Lawler	CC	Clinical Research	What's the brain cooking up while cooking? Exploring the role of executive functioning in an observed cooking task	CLI-20
Jenna	K	Lee	NIMH	Clinical Research	16p13.11 deletion: a case study on neurobehavioral and sleep phenotyping	CLI-21
Richa	M	Lomash	NCATS	Clinical Research	The value and design of proof-of-concept studies in AAV gene therapy translation: Lessons from the PaVe-GT experience	CLI-22
Judy		Mahmalji	NIMH	Clinical Research	A retrospective descriptive study on REM OSA classification	CLI-23
Sungrim		Moon	NCATS	Clinical Research	Machine learning enables automated identification of natural history studies in rare diseases	CLI-24
Tete	A	Narh-Mensah	NIAID	Clinical Research	Safety and tolerability of Plasmodium vivax blood stage controlled human malaria infection	CLI-25
Sunola	M	Ogunye	NIMH	Clinical Research	Pediatric Sleep & Endocrine Dysfunction: A Case Study of an 8-year old with Suspected Hypothyroidism	CLI-26
Takuma		Ohnishi	NIEHS	Clinical Research	In utero and early life exposure to smoking are associated with systemic autoimmune rheumatic diseases	CLI-27
Oladele	A	Oluwayiose	NIAID	Clinical Research	Plasma cfDNA fragmentation features as markers of rejections in heart transplantation	CLI-27
Shreya		Papneja	CC	Clinical Research	Metabolic and inflammatory consequences of ultra-processed food additives: Insights from literature and in vitro studies	CLI-28
Ruchee		Patel	NINDS	Clinical Research	Phenotypic characterization of the neuromuscular manifestation of replication factor C subunit 4 (RFC4)-related multisystem disorder	CLI-29

Shriniwas		Patwardhan	CC	Clinical Research	Dynamic Ultrasound Imaging of Musculature Can be used to Control Functional Electrical Stimulation to Achieve Desired Kinematics	CLI-30
Robert	J	Pawlosky	NIAAA	Clinical Research	Effects of diet, smoking and chronic alcohol consumption on n-6 essential fatty acid metabolism in men and women	CLI-31
Rachel	A	Rans	NIMH	Clinical Research	Exploring the relationship between self-harm history, childhood trauma, and capability for suicide	CLI-32
Kelsey	A	Rondini	NHGRI	Clinical Research	Variable expressivity, incomplete penetrance, and perceptions of health: a family presenting with an unspecified spinocerebellar ataxia	CLI-33
Sourav		Roy Choudhury	NIDDK	Clinical Research	Association Between Gestational Weight Gain and Prenatal Serum Metabolic Biomarkers in the ETCHED Cohort	CLI-34
Noah		Rubin	CC	Clinical Research	Effects of exoskeletons on error between marker and markerless motion capture in children with crouch gait: a pilot study	CLI-35
Rodica		Stan	NCATS	Clinical Research	Platform Vector Gene Therapy (PaVe-GT): Translational Journey of an AAV Gene Therapy for PCCA-Related Propionic Acidemia	CLI-36
Shixue		Sun	NCATS	Clinical Research	CSF Proteomics for Precision Prognosis in Niemann-Pick Disease, type C1	CLI-37
Armelle	M	Tchayep	NIMH	Clinical Research	Multimorbidity, Clinical Impairment, and the Diagnostic Assessment of the Spectrum of Health	CLI-38
Praveen		Thoppey Srinivasan Balamuralikrishna	CC	Clinical Research	Evaluating the accuracy of diagnosing type 2 diabetes in chronic pancreatitis using CT-imaging biomarkers in the PROCEED study	CLI-39
Isabella		Wang	NCATS	Clinical Research	Rare Disease Research Collaborative Network (RCN) to Promote Research Collaboration and Accelerate Rare Disease Diagnosis	CLI-40
Shirleen		Xu	CC	Clinical Research	Oral Microbiome, Alcohol Use, and Neuropsychological Comorbidities: A Scoping Review	CLI-41
Darawalee	W	Zong	NCATS	Clinical Research	Incorporating new approach methodologies to support preclinical development for rare diseases	CLI-42

Preye		Akuiyibo	NLM	Computational Biology	Enhancing BLAST Performance: Database and Algorithm Development	CMP-1
Soukaina		Amniouel	NCATS	Computational Biology	Integrative Bioinformatics for identification of disease phenotype and Biomarkers in NGLY1 Deficiency	CMP-2
Cameron	M	Baenen	NIBIB	Computational Biology	Machine Vision Pipeline for Multiscale Platelet Architecture: Clot to Organelle-Level Resolution	CMP-3
Nathan	A	Bernhardt	NINDS	Computational Biology	Molecular basis for the regulation of membrane proteins through preferential lipid solvation	CMP-4
Raul	E	Cachau	NIAID	Computational Biology	Rapid macromolecular structure characterization by AI hybrid methods	CMP-5
Haley	AS	Chatelaine	NCATS	Computational Biology	High reproducibility of metabolomic profiles generated using the TruQuant platform in a multi-lab “round robin” study design	CMP-6
David	T	Chen	NIAID	Computational Biology	A neural network approach for automated wound scoring of cutaneous radiation injury on a Göttingen minipig animal model	CMP-7
Elena		Cherkasova	NHLBI	Computational Biology	Comprehensive long-read PacBio RNA sequencing analysis of the Human Endogenous Retrovirus (HERV) transcriptome identifies novel ERVE-4 isoforms in kidney cancer	CMP-8
Jason		Cheung	NCATS	Computational Biology	RARe-SOURCE(TM): An Integrated Bioinformatics Resource for Rare Diseases	CMP-9
Ryan		Connor	NLM	Computational Biology	Expanding Access: Pre-Computed Gene Feature Counts for Human and Mouse RNA-Seq Data in SRA	CMP-10
Swapna Vidhur		Daulatabad	NCI	Computational Biology	Integrative analysis of the rare endocrine cancers using multi-omics data	CMP-11
Osafu	A	Egbon	NIEHS	Computational Biology	Spatial-ZEDNet: zero-inflated graphical modeling of exposure-induced differential expression in spatial transcriptomics	CMP-12
Fathi		Elloumi	NCI	Computational Biology	SCLC TumorMinerCDB a new interactive web-based tool for mining the genomics of Small Cell Lung Cancer patient samples	CMP-13

Noreen		Gonzales McCurdy	NLM	Computational Biology	Protein names and attributes through Conserved Domain architectures in the Prokaryotic Genome Annotation Pipeline	CMP-14
Lisa		Hartnell	NIA	Computational Biology	Nanometer scale mapping of glycogen topography in human skeletal muscle using FIB-SEM and U-Net AI models.	CMP-15
Chueh Hsuan Sharon		Hsu	NINDS	Computational Biology	Predicting lung adenocarcinoma: A novel four-gene biomarker identified by XGBoost	CMP-16
Jason	M	Inman	NCATS	Computational Biology	Bioinformatics analysis pipelines: a software ecosystem	CMP-17
Sankalp		Jain	NCATS	Computational Biology	AI-Driven Discovery of Selective ALDH3A1 Inhibitors: A Comprehensive Medicinal Chemistry and SAR Approach	CMP-18
Rachel	Y	Jiang	NIA	Computational Biology	Multiome single-cell atlas of the hippocampus in Alzheimer's disease and related dementias	CMP-19
Peter		Killeen	NIA	Computational Biology	Deep learning dissected: Evaluating the influence of different optimization criteria on u-net performance for 3D human muscle tissue segmentation.	CMP-20
Vamsi	K	Kodali	NLM	Computational Biology	Annotating eukaryotic genomes at NCBI and beyond	CMP-21
David	M	Kristensen	NLM	Computational Biology	NCBI Virus: automated grouping of virus segments into genomes using metadata; & virus reference sequences (RefSeq)	CMP-22
Laken		Kruger	NCATS	Computational Biology	Analysis of In Vitro Profiling Data of Cosmetic Ingredients within the Tox21 10K Compound Library for Bioactivity and Potential Toxicity	CMP-23
Sachin		Kumar	NIAID	Computational Biology	Decision Tree analysis to understand factors influencing lactate shift in CHO cell culture development	CMP-24
Zoe		Li	NCATS	Computational Biology	Integrating Machine Learning Approaches for Neurotoxicity Prediction: Combining Tox21 Assay Datasets and Chemical Structures	CMP-25
Yanling		Liu	NIAID	Computational Biology	AI-in-the-loop approaches for complex biological problem solving: bridging computational methods and scientific insight	CMP-26

Xi		Luo	NCATS	Computational Biology	Integrating qHTS and QSAR Models to Identify Safe GPCR-targeted Compounds: A Focus on hERG-dependent Cardiotoxicity	CMP-27
Jessica	L	Maine	NCATS	Computational Biology	Pharos 2.0: A Harmonized Knowledge Framework for the Understudied Human Proteome	CMP-28
Alexander	I	Maksiaev	NLM	Computational Biology	H5N1 avian influenza genomic surveillance in the Americas	CMP-29
Khyati	Y	Mehta	NCATS	Computational Biology	RaMP-DB 3.0: a relational database for human multi-omic data interpretation	CMP-30
Matthew	T	Menold	NICHD	Computational Biology	Methods in Unique Marker Gene Selection	CMP-31
Keita		Morisaki	NIAAA	Computational Biology	Soft-labeling approach for borderline personality disorder	CMP-32
Shakti		Nagpal	NCATS	Computational Biology	Structure-driven prediction of pharmacokinetic profiles via a whole body physiologically based pharmacokinetic (PBPK) framework	CMP-33
Deborah	K	Ngan	NCATS	Computational Biology	Impact of chemical quality on high throughput in vitro assays – A Tox21 study	CMP-34
Nuala	A	O'Leary	NLM	Computational Biology	NCBI Datasets: Simplified Genomic Data Access	CMP-35
Tanvi		Patel	NCATS	Computational Biology	Integrative Multi-Omics and AI Framework to Uncover Molecular Effects of Radiation Exposure in Immune Cells	CMP-36
Thorsten		Prustel	NIAID	Computational Biology	Timing consistency of T cell receptor activation in a stochastic model combining kinetic segregation and proofreading	CMP-37
Clil		Regev	NCI	Computational Biology	ERK Activation: The Importance of Two Ordered Phosphorylation Events	CMP-38
Neel	S	Sanghvi	NCI	Computational Biology	A genome-wide metabolic modeling exploration of key modifiers in the precancerous evolution of lung squamous cell carcinoma	CMP-39

Timothy		Sheils	NCATS	Computational Biology	Rare Disease Alert System (RDAS) 2.0: Bridging Knowledge Gaps in Rare Diseases Through Centralized Graph Intelligence	CMP-40
Adam		Stine	NLM	Computational Biology	SRA Lite: Enabling Scalable and Sustainable Access to High-Throughput Sequencing Data	CMP-41
Poorani		Subramanian	NIAID	Computational Biology	Introducing Nephele 3.0: NIAID's web application for microbiome analysis	CMP-42
Jian		Sun	NIAID	Computational Biology	Self-supervised pre-training of vision transformers for generalizable single-cell RNA-seq cell embedding	CMP-43
Liang		Xu	NCI	Computational Biology	The structural heterogeneity of AKT autoinhibition	CMP-44
Lin		Ye	NCATS	Computational Biology	Leveraging QSAR Models to Identify Small Molecule Inhibitors for Enterovirus D68	CMP-45
Qian		Zhu	NCATS	Computational Biology	Drug repurposing for scleroderma using multimodal rare disease data	CMP-46
Mallika		Bhattacharya	NIDDK	Developmental Biology	Antagonistic regulation of enhancer-promoter looping by Alan Shepherd (Shep) in the Drosophila genome	DEV-1
Yaqiang		Cao	NHLBI	Developmental Biology	Single-cell micrococcal nuclease sequencing revealed heterogenous chromatin priming and memory during mouse early T cell development	DEV-2
Xing		Chen	NCATS	Developmental Biology	High-throughput identification of Wnt/β-catenin signaling inhibitors	DEV-3
Martin	A	Estermann	NIEHS	Developmental Biology	O-GlcNAcylation controls Sertoli cell differentiation and supports male fertility	DEV-4
Julia		House	NIEHS	Developmental Biology	Combination antiretroviral therapy: impacts on cardiovascular health during pregnancy and the postpartum period	DEV-5
Kunal		Kathuria	NICHD	Developmental Biology	Characterizing the impact of fetal sex and gestational age on placental gene expression and cell-type variation using single-cell RNA sequencing (scRNA-seq) analysis	DEV-6

William	J	Kowalski	NHLBI	Developmental Biology	In vivo transplantation of mammalian vascular organoids onto the chick chorioallantoic membrane reveals the formation of a hierarchical vascular network	DEV-7
Wenling		Li	NHLBI	Developmental Biology	VHL Deletion in Endothelium Disrupts Vascular Patterning via HIF-CXCR4 Axis Activation	DEV-8
Micaela	R	Murphy	NICHD	Developmental Biology	Circadian effects in optogenetic experiments: Considerations for investigating FGF-BMP signaling interactions with light	DEV-9
Alyssa	R	Quiogue	NIBIB	Developmental Biology	Cortical microtubule reinforcement enables mechanical resistance of actomyosin-driven contractions in C. elegans and mouse oocytes.	DEV-10
Alberto		Rissone	NHLBI	Developmental Biology	Lack of lysosomal master regulators tfeb and tfe3 induces pancreatitis-like defects in zebrafish	DEV-11
Saagar	A	Shah	NIAMS	Developmental Biology	GFI1 regulates dependence receptors to block apoptosis of sensory Merkel cells	DEV-12
Luciana		Yamamoto de Almeida	NIDCR	Developmental Biology	Skeletal maturity and age-related changes in immune cells and circulatory factors impair large-scale bone regeneration	DEV-13
Mohit		Aggarwal	NHLBI	Epidemiology	Integrative Proteomic Profiling of Blood Pressure and Hypertension	EPI-1
Eden	A	Beyene	NIMH	Epidemiology	Comorbidity and Familial Aggregation of Mood Disorders and Cigarette Smoking in a Controlled Family Study	EPI-2
Prema	S	Bhattacharjee	NCI	Epidemiology	Early life body size and risk of developing biliary tract cancers	EPI-3
Belinda	L	Gorsuch	NCI	Epidemiology	Skin reaction to sunlight and risk of basal and squamous cell carcinoma in the US Radiologic Technologists study	EPI-4
Tesfa	D	Habtewold	NICHD	Epidemiology	Maternal polygenic influence on gestation duration exhibits opposite effects on fetal growth in early and later pregnancy: a trade-off?	EPI-5
Jennifer		Kang	NHLBI	Epidemiology	Gene-Level and Isoform-Level Transcriptomic Signatures of Glycemic Traits	EPI-6

Sun Jung		Kang	NIMH	Epidemiology	A Harmonized Framework for Accelerometry Data Across Three Continents Reveals Robust Lifespan Signatures of Sleep, Physical Activity, and Circadian Rhythmicity	EPI-7
Elizabeth	A	Linton	NHLBI	Epidemiology	Identifying alpha-globin structural variants using custom random forest classifiers trained on simulated data in the All of Us Research Program: A Reliability study	EPI-8
Kauthrah		Ntabadde	NIDDK	Epidemiology	Prevalence and Correlates of Hepatic Fibrosis in African Immigrants Living in the United States	EPI-9
Katherine		Pullella	NIEHS	Epidemiology	Exposure to Silent Spring potential breast carcinogens and association with breast cancer incidence in a diverse U.S cohort	EPI-10
Rebeka		Rafi	NHLBI	Epidemiology	Temporal evaluation of the Metabolic Vulnerability Index and its subcomponents in a Heart Failure Clinical Trial Population	EPI-11
Anisha		Singh	NIEHS	Epidemiology	The Impact of Ambient Environmental Stressors on Neurodevelopmental Disorders: Interactive Systematic Evidence Maps to Inform Decisions	EPI-12
Beianka	I	Tomlinson	NIA	Epidemiology	The Role of Extracellular Vesicles as a Link Between Obesity and Vascular Fibrosis in Chronic Kidney Disease	EPI-13
Prabhavi		Wijesiriwardhana	NICHD	Epidemiology	Multi-ancestral GWAS meta-analysis of maternal blood pressure trajectory during pregnancy	EPI-14
Jennifer	M	Woo	NIEHS	Epidemiology	The effects of early life social environment on systemic lupus erythematosus risk in adulthood	EPI-15
Shuai		Xie	NCI	Epidemiology	Predicting missing data for estimating endotoxin exposure using ordinal classification trees in the Agricultural Health Study	EPI-16
Arjun Singh		Yadaw	NCATS	Epidemiology	Impact of Preexisting Rare Diseases on COVID-19 Severity, Reinfection, and Long COVID, and the Modifying Effects of Vaccination and Antiviral Therapy: A Retrospective Study from the N3C Data Enclave	EPI-17
Choa Yun		Yun	NIA	Epidemiology	Biological Aging and Autoimmune Disease Incidence: A Large Prospective Cohort Study	EPI-18
Xiao		Zhang	NHLBI	Epidemiology	Deconvolution of whole blood transcriptome reveals cell-specific smoking signatures	EPI-19

Ann-Marie		Abunyewa	NHLBI	Genetics and Genomics	Investigating gene- and isoform-level expression associated with sex-by-age interactions at the population level	GEN-1
Madeleine	R	Ames	NHGRI	Genetics and Genomics	An automated imaging-based functional assessment to elucidate OCA2 variant pathogenicity in individuals with oculocutaneous albinism	GEN-2
Samuel		Anyaso-Samuel	NCI	Genetics and Genomics	Identifying high-dimensional genomic regulators of biological networks	GEN-3
Yuka	J	Aoyama	NHGRI	Genetics and Genomics	Late-Onset Recessive Spinocerebellar Ataxia due to GDFP2 (SCAR27): An elusive answer and a phenotype expansion	GEN-4
Nigus	G	Asefa	NIA	Genetics and Genomics	Changes in biological aging predict structural and vascular brain damage in older adults: Age, Gene/Environment Susceptibility – Reykjavik Study	GEN-5
Tanya	S	Azar	NICHD	Genetics and Genomics	Obstructive Sleep Apnea in Patients with Loeys-Dietz Syndrome: A Case Series of a Rare Genetic Disorder	GEN-6
Aislinn	S	Bloom	NIAID	Genetics and Genomics	Common polygenic background modifies risk for asthma among individuals with primary atopic disorders	GEN-7
Yu-Ying		Chen	NIEHS	Genetics and Genomics	Single-nucleus transcriptome and chromatin accessibility profiling reveals transcriptional regulatory networks of sex-specific supporting cell differentiation in murine gonads	GEN-8
Qiang		Chen	NCATS	Genetics and Genomics	Multiomics study of ex vivo dorsal root ganglion reveals region-specific function of human sensory neurons	GEN-9
Elizabeth	J	Davis	NICHD	Genetics and Genomics	Systematic evaluation of commercial single cell and spatial RNA sequencing technologies for complex tissues	GEN-10
Sundus	A	Dwidar	NHGRI	Genetics and Genomics	DNA methylation patterns differ between genetically similar systemic lupus erythematosus (SLE) patients from Peru and the U.S.	GEN-11
Daniel	A	Gallegos	NICHD	Genetics and Genomics	The silence of the KRABs: ZFP777 and NuRD in epigenetic repression	GEN-12
Ruth	F	Hailemeskel	NHGRI	Genetics and Genomics	Barriers to diagnostic genetic testing delays answers for an Undiagnosed Diseases Program patient	GEN-13

Madeleine	E	Harris	NCATS	Genetics and Genomics	Identifying small molecules that modulate recombinant Adeno-Associated Virus transgene size	GEN-14
Ashley		Henneberger	NHGRI	Genetics and Genomics	Addressing Information Needs of Recipients of Medically-Actionable Secondary Genomic Findings	GEN-15
Josef		Horak	NCI	Genetics and Genomics	Development of a CRISPRi Combinatorial Screening Platform for Enhanced Gene Repression	GEN-16
Binta		Jalloh	NHGRI	Genetics and Genomics	Urine Exosome mRNA and miRNA Profiling Using Archived Samples	GEN-17
Meagan		Jezek	NCI	Genetics and Genomics	Characterization of cell type-specific enhancers in the human pancreas using a massively parallel reporter assay	GEN-18
Anirudh	V	Kesanapally	NHGRI	Genetics and Genomics	Genetic and phenotypic contrast in Marfan syndrome identified in the All of Us Research Program	GEN-19
Emily		Knisely-Durham	NHGRI	Genetics and Genomics	Mapping MATalpha1 transcription factor residues that determine binding site	GEN-20
Sarah	A	Marks	NIEHS	Genetics and Genomics	Contributions of defective ribonucleotide processing to a rad27 deletion mutation spectrum	GEN-21
Logan		Miessner	NCATS	Genetics and Genomics	Identifying small molecule inhibitors that modulate SMCHD1 mediated DUX4 induction in human cranial placode cells	GEN-22
Mahina		Monsur	NIEHS	Genetics and Genomics	Exploring Genome Stability Through CNV Profiling in DNA Ligase I Mutants of S. cerevisiae	GEN-23
Terence	D	Murphy	NLM	Genetics and Genomics	The NIH Comparative Genomics Resource: An organism-agnostic ecosystem facilitating reliable eukaryotic comparative genomics	GEN-24
Meghan	C	Nelson	NIAMS	Genetics and Genomics	DNA methylation patterns in systemic lupus erythematosus associated with nephritis status	GEN-25
Andrew	J	Oler	NIAID	Genetics and Genomics	Computational prioritization of deep intronic variants in an immune deficiency disease cohort for effects on splicing	GEN-26

Katherine	L	Pardo	NHGRI	Genetics and Genomics	Characterizing cell-type-specific isoforms using long-read transcriptomics to enhance rare disease variant detection and interpretation	GEN-27
Evelyn		Pizano	NIA	Genetics and Genomics	Epigenetic Mechanisms of Skeletal Muscle Progenitor Cell Dysfunction in Aging	GEN-28
Avril		Powell	NIEHS	Genetics and Genomics	Deciphering the Impact of Redox Stress: Investigating Genetic and Metabolic Drivers of Potassium Bromate Induced Mutagenesis	GEN-29
brahim Hossain		Sajal	NCI	Genetics and Genomics	Two stage mendelian randomization identifies proteomic mediators of the effects of risk factors on renal cell carcinoma	GEN-30
Mithlesh Kumar		Temre	NIA	Genetics and Genomics	Therapeutic potential of senolytics in conditions associated with telomere shortening	GEN-31
Xingliang		Zhu	NIA	Genetics and Genomics	Topoisomerase 3B interacts with mRNA splice-regulatory factors and regulates alternative splicing	GEN-32
Richard		Apps	NIAID	Immunology	Leveraging optimized oligonucleotide-tagged antigen assemblies and single cell sequencing for multiplexed proteogenomic profiling of human B cell reactivities	IMM-1
Frank		Borris	NIBIB	Immunology	Evaluating the Role of Bacterial EVs in Thyroid Autoimmunity	IMM-2
Clinton	J	Bradfield	NIAID	Immunology	Distinct Immunometabolic Processes Regulate Inflammasome Assembly and Pyroptosis	IMM-3
Kyra	S	Carney	NHLBI	Immunology	4-1BBL/4-1BB interaction is critical for EBV-transformed B cells to induce NK cell proliferation	IMM-4
Thayne	H	Dickey	NIAID	Immunology	Computational structure-based design of vaccine antigens using SPEEDesign	IMM-5
Matthew	A	Greenlee	NCATS	Immunology	Raising humanized nanobodies against Ab40 fibril plaques	IMM-6
Jacqueline	N	Howard	NIAID	Immunology	Dolutegravir primes HIV latency reversal in vivo by promoting immune activation of effector cells	IMM-7

Suneet		Kaur	NIEHS	Immunology	The scaffolding protein AKAP5 shapes innate immune responses to allergen	IMM-8
Pavel	P	Khil	NIMH	Immunology	PanSeq: a 1.8M peptide modular phage display library for profiling human and pathogen antibody reactivities in biofluids	IMM-9
Juyoung		Kim	CC	Immunology	Compound heterozygous GALE mutations are associated with B- and T-cell lymphopenia in primary immunodeficiency diseases (PID)	IMM-10
Lauren	E	Krausfeldt	NIAID	Immunology	Bacterial peptides with an H2-M3 binding motif in the human gut microbiome and their association with inflammatory bowel disease	IMM-11
Rachel		Kulchar	NIDCR	Immunology	Prednisone Restores Salivary Gland Function Post-Immune Checkpoint Inhibitor-Induced Sicca	IMM-12
Dominic		Lanasa	NCI	Immunology	Mapping the MHC Requirement for the Differentiation of $CD4^{+}CD8\alpha\alpha^{+}$ Intraepithelial T cells in the Gut	IMM-13
Kathryn	M	LaPorte	NIAID	Immunology	The perturbation of oral tolerance during an ongoing influenza A infection	IMM-14
Mattias	J	Lenz	CC	Immunology	Optimizing a commercially available B cell receptor sequencing assay for use with FFPE RNA	IMM-15
Ari	M	Levine	NIAID	Immunology	Three-dimensional modeling of nerve architecture and myeloid cell interactions in eosinophilic gastrointestinal disease	IMM-16
Dan		Li	NCI	Immunology	A gut-specific requirement for anti-apoptotic Mcl-1 in the homeostatic maintenance of Foxp3+ regulatory T cells	IMM-17
Andrew		Lin	NIAID	Immunology	IFIT1 suppresses RSV infection by modulating microRNA-mediated regulation of IL-1β	IMM-18
Bin		Lin	NIAID	Immunology	NEMO Exon 5 Skipping Triggers Systemic Autoinflammation, Cell Death Pathway Activation, and γδ T Cell Expansion	IMM-19
Wilfred	J	Lopez Perez	NIEHS	Immunology	Epithelial membrane protein 2 deletion mitigates alveolar epithelial injury and lung fibrosis	IMM-20

ıah Md Toufiqur		Rahman	NIA	Immunology	NF-κB signaling dynamics in microglia across aging and neurodegeneration	IMM-21
Ilyssa	E	Ramos	NIAID	Immunology	High-dimensional phospho-CyTOF reveals T-cell activation dynamics in whole blood	IMM-22
Allison	A	Rattay	NIAID	Immunology	Taurine and α-ketoglutarate induce innate immune memory in macrophages and facilitate the reactivation of latently infected HIV by β-glucan and MDP.	IMM-23
Thomas	C	Recupero	NHLBI	Immunology	Ketone Bodies Impact on Immune Cell Metabolism	IMM-24
Ali	M	Rizvi	NIAMS	Immunology	Hydroxychloroquine toxicity risk in SLE patients with renal impairment	IMM-25
Benjamin		Ryan	NIAID	Immunology	Center for Human Immunology	IMM-26
Nichole	D	Salinas	NIAID	Immunology	Pfs230D1 24- and 60-copy single component malaria transmission blocking nanoparticle vaccines elicit a potent and durable response upon vaccination	IMM-27
Ryon		Sarkarzadeh	NHLBI	Immunology	Engineering Raji cell lines with variable CD20 expression to evaluate antigen sensitivity of novel CAR-NK cells	IMM-28
Levi		Scarpelli	NIBIB	Immunology	Optimization and automation of high-throughput ELISA for Aedes aegypti exposure	IMM-29
Guangpu		Shi	NEI	Immunology	Essential transcription factors for T cell licensing	IMM-30
Giacomo		Sidoti Migliore	NIAID	Immunology	Identification of soluble tamarin CD81 large extracellular loop as a broad and potent HCV neutralizing molecule	IMM-31
Preeyaporn		Songkiatisak	NIA	Immunology	Unraveling Microglia Heterogeneity: The Role of NF-κB Dynamics, Amyloid β Phagocytosis and Clearance in Alzheimer's Disease.	IMM-32
Cesar	A	Speck Hernandez	NCI	Immunology	ICOS supports the IL-2-independent survival and effector function of small intestine intraepithelial Foxp3+ Treg cells	IMM-33

Christina	V	Tillinghast	NIAID	Immunology	Critical role of Helios in the differentiation of T conventional memory cells	IMM-34
Abhi		Verma	NEI	Immunology	A multidimensional analysis of $CD8^+$ T cell-mediated neuroimmune crosstalk in a mouse model of Alzheimer's disease	IMM-35
Guangning		Zong	NIEHS	Immunology	Understanding antibody cross-reactivity for peanut allergens Ara h 2 and Ara h 6 at the molecular level	IMM-36
Sasha	A	Abielmona	NIAID	Microbiology and Infectious Diseases	Single-cell transcriptomics reveals a quiescent P. vivax subpopulation following artesunate therapy and recrudescence	MIC-1
Chioma	I	Aneke	CC	Microbiology and Infectious Diseases	Beyond Fumigatus: A Molecular Portrait of Clinical Aspergillus Diversity, Pathogenicity, and Antifungal Resistance	MIC-2
Megan	S	Behrmann	NCI	Microbiology and Infectious Diseases	An rDNA proximity-dependent mechanism for dynamic gene duplication-amplification mediated antimicrobial resistance in Staphylococcus aureus	MIC-3
Amanda	N	Elias Rivera	NIAID	Microbiology and Infectious Diseases	Metabolomic analysis of Mycobacterium abscessus infected macrophages	MIC-4
Peter	A	Filbrandt	NIAID	Microbiology and Infectious Diseases	Cross-reactivity of mycobacterial and human NDH2s	MIC-5
Biju		Issac	NIAID	Microbiology and Infectious Diseases	Analysis of Xenium spatial transcriptomics data from human lymph node and non-human primate lung and lymph node	MIC-6
Olena		Kamenyeva	NIAID	Microbiology and Infectious Diseases	Through the looking glass: choosing optimal imaging strategy for animal models of infectious diseases	MIC-7
Sivakumar		Kannan	NLM	Microbiology and Infectious Diseases	Average Nucleotide Identity (ANI) reports at NCBI: evaluating taxonomic assignments in prokaryotic and fungal genomes	MIC-8
Mahaldeep		Kaur	NIAID	Microbiology and Infectious Diseases	Metabolic crosstalk between Staphylococcus aureus and Roseomonas mucosa: implications for Atopic dermatitis	MIC-9
Claire	A	Kunkle	NIAID	Microbiology and Infectious Diseases	Bioassay guided fractionation to identify novel TLR ligands expressed by skin commensal bacteria Roseomonas mucosa	MIC-10

Craig		Martens	NIAID	Microbiology and Infectious Diseases	Pathogen Surveillance Sequencing	MIC-11
Neysha		Martinez-Orengo	CC	Microbiology and Infectious Diseases	PET/CT with 2-deoxy 2-[18F]fluorocellobiose ([18F]FCB) for the noninvasive detection of CNS aspergillosis	MIC-12
Alexandra	A	Mushegian	NIAID	Microbiology and Infectious Diseases	Individual-level variation in the microbiome of two species of sand flies, vectors of leishmaniasis	MIC-13
Shubhi		Nanda	CC	Microbiology and Infectious Diseases	Assessing within patient overlap between the oral and gut microbiome in treatment seeking individuals with Alcohol Use Disorder (AUD)	MIC-14
Mina	P	Peyton	NIAID	Microbiology and Infectious Diseases	Association of Lipocalin-2 Spiking with Super-shedding via Bayesian Inference	MIC-15
Olivia	K	Sconyers	NCI	Microbiology and Infectious Diseases	Unraveling the phosphorylation dynamics of RssB: Implications for RpoS regulation and bacterial general stress response in Escherichia coli	MIC-16
Amir		Seyedmousavi	CC	Microbiology and Infectious Diseases	Antifungal susceptibility profile of Rasamsonia (Geosmithia) argillacea, an emerging fungal pathogen obtained from NIH patients	MIC-17
Choa		Sung	CC	Microbiology and Infectious Diseases	Effects of Peripheral Cannabinoid Receptor Activation on Sleep Architecture and Gut Microbiome Changes in Mice	MIC-18
Tanya	E	Whiteside	NIEHS	Microbiology and Infectious Diseases	Machine learning in laboratory animal diagnostic microbiology - development of a bacterial database using MALDI-TOF MS	MIC-19
Kurt		Wollenberg	NIAID	Microbiology and Infectious Diseases	Global distribution of clusters of nitroimidazole-resistant strains Mycobacterium tuberculosis that predate drug approval	MIC-20
Brian	Y	Xi	NIAID	Microbiology and Infectious Diseases	Plasmodium falciparum in vitro assays to model drug treatment failures from dormant blood-stage parasites	MIC-21
Yue		Zhang	NIAID	Microbiology and Infectious Diseases	Longitudinal analysis reveals a delayed recovery of lower airway dysbiosis following SARS-CoV-2 infection	MIC-22
Madhuri		Arya	NEI	Molecular Biology and Biochemistry	Transcriptional Co-Regulation in Rod Photoreceptors: Discovery and Characterization of BACH1 as an NRL binding partner	MOL-1

Yelixza	I	Avila	NCI	Molecular Biology and Biochemistry	Targeted dual siRNA therapy for Diffuse Pleural Mesothelioma	MOL-2
Alexandra		Bernardo Colon	NEI	Molecular Biology and Biochemistry	Topical Delivery of Modified PEDF Peptides Enhances Photoreceptor Survival in a Mouse Model of Retinal Degeneration.	MOL-3
Cheng		Chen	NIAAA	Molecular Biology and Biochemistry	Hepatic Aquaporin 8 Regulates Acetaldehyde Transport, Alcohol Intake, and Liver Injury in Alcohol-Associated Liver Disease	MOL-4
Subrata		Debnath	NEI	Molecular Biology and Biochemistry	Identification of a Novel Phospholipase Activity in the Comparative Gene Identification-58 (CGI-58) Protein	MOL-5
Yohannes Getiye		Estifanos	NIAAA	Molecular Biology and Biochemistry	Alcohol drinking worsens acute electronic cigarette vaping-induced cardiac and pulmonary toxicity in a sex-dependent manner	MOL-6
Marianna	L	Fleischman	NIAID	Molecular Biology and Biochemistry	A high-throughput, all-inclusive approach for mRNA IVT condition screening and purification	MOL-7
Yi-Ting		Huang	NIEHS	Molecular Biology and Biochemistry	The mold Aspergillus fumigatus opens CRAC channels to drive immune cell activation	MOL-8
Nathan		Jones	NIAID	Molecular Biology and Biochemistry	Lessons From Small-Scale Buffer Exchange of LNPs on a AKTA FPLC	MOL-9
Dale	Eugene Alexis	Lewis	NCI	Molecular Biology and Biochemistry	RNA Polymerase and CI Regulator Interactions in Gene Regulation in Bacteriophage Lambda Re-visited	MOL-10
Dandan		Li	NCATS	Molecular Biology and Biochemistry	Drug Repurposing Screening for Two Ultra-Rare Maternally Inherited Mitochondrial Diseases – MELAS and LHON-Plus	MOL-11
Jin		Ma	NHLBI	Molecular Biology and Biochemistry	Deficiency of Mitochondrial Disulfide Relay Carrier CHCHD4 can Lead to Cardiac Hypertrophy	MOL-12
Mariana	D	Mandler Chou	NCI	Molecular Biology and Biochemistry	Targeting a pathogenic cryptic exon that drives HLRCC to induce exon skipping	MOL-13
Ryan	P	McGlinchey	NHLBI	Molecular Biology and Biochemistry	Glucocerebrosidase protects against Parkinson's-disease-related α-synuclein c-terminal truncations	MOL-14

Ava		Movahed Abtahi	NIDCR	Molecular Biology and Biochemistry	Decoding Lipid Crosstalk: How E-Syts and ORPs Orchestrate ER-PM PIs and PtdSer Lipid Homeostasis	MOL-15
Thushani	D	Nilaweera	NIDDK	Molecular Biology and Biochemistry	Changes in the outer membrane lipidome significantly affect the biogenesis of outer membrane proteins in vitro	MOL-16
Anthony	A	Potchernikov	NHLBI	Molecular Biology and Biochemistry	Interrogating full-length Myosin 10 (MYO10) Activation and Dimerization	MOL-17
Kiam		Preston Jr.	NEI	Molecular Biology and Biochemistry	ATF4 Modulates NRL: Implications for Rod Photoreceptor Function	MOL-18
Alexandria	A	Primich	NIDDK	Molecular Biology and Biochemistry	Designing Asymmetric Heterodimeric piggyBat Transpososomes for Targeted Genomic Integrations	MOL-19
Wiramon		Rungratanawanich	NIAAA	Molecular Biology and Biochemistry	Early oxidative protein modifications and gut leakiness play causal roles in promoting drug-induced acute liver failure	MOL-20
Nandu		Saravanan	NIAMS	Molecular Biology and Biochemistry	MAP2K1+ Melorheostosis is mediated by mTORC1: A preliminary investigation of rapamycin as a potential treatment for Classical Melorheostosis	MOL-21
Alanna		Stewart	NIEHS	Molecular Biology and Biochemistry	Identification of Cofactors for GATA3-dependent Enhancer Activation	MOL-22
Alvin	L	Tak	NINDS	Molecular Biology and Biochemistry	PTEN is required for stem cell quiescence in the olfactory epithelium.	MOL-23
Dimitrios		Theofilatos	NIEHS	Molecular Biology and Biochemistry	Heat Stress expands the transcriptional response to Glucocorticoid	MOL-24
Xiaoyue		Wu	NIEHS	Molecular Biology and Biochemistry	NAPRT-mediated deamidated NAD biosynthesis enhances tissue resiliency and suppresses tumorigenesis	MOL-25
Shu		Yang	NCATS	Molecular Biology and Biochemistry	Identification of Environmental Compounds That May Trigger Early Female Puberty by Activating Human GnRHR and KISS1R	MOL-26
Precious	A	Adesina	NCATS	Molecular Pharmacology	Identification of Environmental Chemicals that Stimulate the Beta-1 Adrenergic Receptor	MPH-1

Christa	A	Canagarajah	NCATS	Molecular Pharmacology	Development of an inhibitor of biliverdin reductase as therapy for toxic hyperbilirubinemia	MPH-2
Subhradeep		Dutta	NIAAA	Molecular Pharmacology	Functional Modulation of CB1R Receptor via Pyrazoline-based Urea and Thiourea Derivatives	MPH-3
Atena		Farkhondeh	NCATS	Molecular Pharmacology	Building A Predictive Platform For Selection Of ASO Therapeutic Candidates	MPH-4
Eve	R	Gibbs	NIAAA	Molecular Pharmacology	Design, synthesis, and evaluation of novel thiosulfonylurea derivatives as potential multi-target CB1R antagonists for the treatment of obesity and metabolic syndrome.	MPH-5
Nicholas	R	Gonzalez	NIDA	Molecular Pharmacology	Structure-activity relationships of MDMB-4en-PINACA and its SCRA indazole analogs to induce cannabinoid-like effects in C57Bl/6J mice	MPH-6
Adrienne	R	Guarnieri	NIDDK	Molecular Pharmacology	GIPR-dependent action of anti-obesity medications in human white and brown adipocytes	MPH-7
Xiuli		Huang	NCATS	Molecular Pharmacology	Development of cell-based assay to evaluate the selective dopamine receptor D3 antagonist by monitoring cAMP level in live cells	MPH-8
Yu-Chih		Lin	NCATS	Molecular Pharmacology	Developing the dopamine D3 receptor (D3R) antagonist, (R)-VK4-116, as a non-opioid medication for the treatment of opioid use disorder	MPH-9
Yonglan		Liu	NIAID	Molecular Pharmacology	In Silico Study of the Transient Receptor Potential Vanilloid 1 (TRPV1) Noci-responsive Ion Channel for Analgesic Drug Discovery	MPH-10
Caitlin		Lynch	NCATS	Molecular Pharmacology	High-throughput screen using metabolic capability to identify androgen receptor antagonists	MPH-11
Tracey	L	Rogers	NCATS	Molecular Pharmacology	Modeling Severe Bone Fracture in Large Animals – An Illustration	MPH-12
Srilatha		Sakamuru	NCATS	Molecular Pharmacology	Profiling the tox21 compound library for their inhibitory effects on cytochrome P450 enzymes	MPH-13
Samay	R	Shah	CC	Molecular Pharmacology	The Path to a Novel Non-Opioid Analgesic: 300-plex Spatial Transcriptomics in Dorsal Root Ganglion Combined with Model-Guided Drug Discovery	MPH-14

Erik	J	Wagner	NCATS	Molecular Pharmacology	Pharmacokinetics of Nomlabofusp (CTI-1601) in C57BL6 WT Mice or Frataxin Knockout Mice	MPH-15
Yining	I	Wang	NCATS	Molecular Pharmacology	High-throughput functional neurotoxicity assay using brain region-specific neural spheroid models	MPH-16
Miao		Xu	NCATS	Molecular Pharmacology	Small Molecules Identified as Novel STAT5 Activators and Potential HIV Latency Reversal Therapeutics Via High Throughput Screening	MPH-17
James	C	Atwell	NIDA	Neuroscience	Persistent representation of a prior schema in the orbitofrontal cortex facilitates learning of a conflicting schema	NEU-1
Buyandelger		Batsaikhan	NIA	Neuroscience	Cereblon-dependent and -independent mechanisms of 3-monothiopomalidomide to inhibit inflammatory signaling and provide neuroprotection	NEU-2
Jenna	M	Berger	NIEHS	Neuroscience	Transcriptional changes in the prairie vole ventral hippocampus following gestational and lactational flame retardant exposure	NEU-3
William	P	Brancaleone	NIMH	Neuroscience	A novel PACAPergic projection to the hypothalamus: Prefrontal cortical control of stress responses by the paraventricular nucleus	NEU-4
Jason	J	Bussgang	NINDS	Neuroscience	Mutant senataxin triggers ESCRT-III driven nucleoporin loss and defective nucleocytoplasmic transport in ALS4	NEU-5
Jacob		Buursma	NIAAA	Neuroscience	Effects of polygenic score on the default mode network in AUD	NEU-6
Nicole		Carmiol	NIA	Neuroscience	Using limited proteolysis-coupled mass spectrometry to characterize the protein structural changes in neurons treated with Amyloid-Beta	NEU-7
Sophia		Cheng	NINDS	Neuroscience	Elevated apparent diffusion coefficient of water in extra-axial space following acute head injury	NEU-8
Darrien	I	Coates	NIEHS	Neuroscience	Prenatal corticosterone exposure alters hippocampal area CA2's molecular profile and connectivity.	NEU-9
Isabel		Cohen	NIDDK	Neuroscience	Whole-brain neuronal activation patterns induced by semaglutide and cagrilintide in a rat FosTRAP model	NEU-10

Claudia		da Silva Camargo	NIMH	Neuroscience	iPSC-derived Neural Cells Transcriptome in Williams Syndrome	NEU-11
Matthew	C	Denley	NINDS	Neuroscience	Ion binding selectively controls channel gating in thermosensitive TRPM3	NEU-12
Daniel		Diaz-Urbina	NIMH	Neuroscience	Pre-existing alteration of striatal expression of dopamine D1 and D2 receptors drives addictive-like behaviors towards fentanyl	NEU-13
Tugce		Duran	NIA	Neuroscience	Comparing Macro- and Micro-structural Predictors of Subsequent Cognitive Impairment in the BLSA	NEU-14
Prabhakararao		Eedara	NINDS	Neuroscience	Interictal MEG Reveals Altered Excitation-Inhibition Balance in Patients with Drug-Resistant Focal Epilepsy	NEU-15
Bradford	E	Elwood	NIDCR	Neuroscience	Insights into the chronic pain mechanisms using transcriptomic analysis of dorsal root ganglia	NEU-16
Hamid	N/A	Esmaeili	NHGRI	Neuroscience	GCase Deficiency Disrupts the Protein LRRC15: Implications for Neurodegeneration	NEU-17
Jorge	D	Flores	NIMH	Neuroscience	Mapping the Connectivity of the Paralaminar Nucleus in Nonhuman Primates	NEU-18
Noam	Y	Fox	NIA	Neuroscience	Rest and resilience: relaxometry and diffusion MRI reveal links between sleep quality and white matter health in women	NEU-19
Abigail	S	Frankenberg	NICHD	Neuroscience	Neural activity in Tanzanian children during a passive auditory oddball paradigm	NEU-20
Maria	R	Garcia Aguilar	NCATS	Neuroscience	Quantitative High-Throughput Screening of Chemical Libraries to Identify potential Parkinsonian Neurotoxicants and characterize the mechanisms of neurotoxicity	NEU-21
Diana Aketzali		Garcia Gutierrez	NIDA	Neuroscience	The role of lateral hypothalamic GABAergic neurons in feeding during opioid administration	NEU-22
Slavina	B	Goleva	NHGRI	Neuroscience	Does Antihypertensive Use Influence Dementia Risk? A Pharmacoepidemiologic Study in All of Us	NEU-23

Sara		González-Hernández	NHLBI	Neuroscience	PROX1 increases vascular permeability and causes blood-brain barrier breakdown in neurovascular diseases	NEU-24
Charlene Yzobe	P	Guerrero	NIA	Neuroscience	A schizophrenia/autism-associated topoisomerase complex regulates circadian rhythms and circuit development in Drosophila	NEU-25
Elizabeth	S	Hammond	NIA	Neuroscience	Targeting prion-like RNA-Binding proteins to suppress neurodegeneration mediated by the Huntington's Disease protein	NEU-26
Michael	J	Iadarola	CC	Neuroscience	First, Second, Third, and Fourth Order Human Pain Circuits Investigated with Spatial Transcriptomics	NEU-27
Khorshada		Jahan	NIDA	Neuroscience	Dual-Target μ-Opioid (MOR)/Dopamine D3 (D3R) Receptor Ligands Based on Etonitazene	NEU-28
Brothely	M	Jones	NCATS	Neuroscience	Phenotypic elucidation of pathophysiological genetic regulators in TDP-43 patient mutation mediated Cytosolic Aggregation	NEU-29
Angela	T	Kim	NIDA	Neuroscience	ARC-AGRP neurons signal interoceptive hunger through connections with the lateral hypothalamus	NEU-30
Hannah		Kim	NIDA	Neuroscience	The role of lateral hypothalamic GABAergic neurons in thermoregulation	NEU-31
Yuta		Koui	NHLBI	Neuroscience	Mitigating obesity-related pain sensation in skin by controlling capillary endothelial leakage	NEU-32
Isabelle		Kowal	NIA	Neuroscience	A Sensitive CRISPR-Based Biomarker Assay of TDP-43 Function in Alzheimer's Disease and Related Dementias	NEU-33
Srikanya		Kundu	NCATS	Neuroscience	3D Bioprinted Human Neural Circuitry models with physiologically relevant functional assays for drug screening and disease modeling	NEU-34
Michael	H	Landis	NICHD	Neuroscience	Investigating disease signatures in different motor neuron subtypes and their correlation with disease progression in SOD1 ALS	NEU-35
Magdalena	J	Macias	NIA	Neuroscience	Mapping glial pathology near TDP-43 inclusions in FTLD-GRN using spatial transcriptomics and multiplex immunofluorescence	NEU-36

Cody	M	McKee	NCATS	Neuroscience	Using hPSC-derived hypothalamic neurons to develop a pipeline to identify potential therapeutics for insulin-mediated metabolic disorders	NEU-37
Mariam		Melkumyan	NIAAA	Neuroscience	Effects of GPR110 on neurobehavioral outcomes in mice	NEU-38
Abhishek		Mishra	NIEHS	Neuroscience	Neuroimmune dysregulation as a potential contributor to neurotoxicity of environmental fungicides	NEU-39
Yamuna		Narayana Swamy	NIMH	Neuroscience	Skullstripping anatomical MRIs in AFNI using volumetric deep learning network	NEU-40
Priti		Pandit	NIMH	Neuroscience	Novel Autoantibodies in the Cerebrospinal Fluid of Individuals with Primary Schizophrenia Spectrum Disorders	NEU-41
Christopher	JH	Pirrung	NIMH	Neuroscience	Temporal decoding of reward processing using MEG	NEU-42
Alexander	R	Richardson	NINDS	Neuroscience	Sensory-dependent cell fate and migration for the construction of proprioceptive spinal pre-motor circuits	NEU-43
Wilma	Victoria	Richiez Mateo	NIMH	Neuroscience	Role of Medial Prefrontal Cortex Interneurons in regulating approach-avoidance conflict	NEU-44
Amilcar	L	Rodriguez	NIEHS	Neuroscience	Diet-induced manipulation of gut-microbiome to evaluate microglial activation and neurodegeneration in PD-genetic mouse model	NEU-45
Suparna		Saha	NINDS	Neuroscience	Axon growth in the developing Drosophila wing is dependent on the Wnk1, NMNAT2, dSarm pathway	NEU-46
Nadia		Said	NIDA	Neuroscience	A putative role of the neuroimmune system in heroin withdrawal	NEU-47
Matthew	R.	Sapio	CC	Neuroscience	Proof-of-concept study to determine the effectiveness and safety of oral topical application of resiniferatoxin for the control of pain associated with feline chronic gingivostomatitis (FCGS)	NEU-48
Ishaan		Sharma	NINDS	Neuroscience	Characterizing the CSF Proteomic Signature in Spinal and Bulbar Muscular Atrophy (SBMA)	NEU-49

Preston	N	Siegler	NIEHS	Neuroscience	Prenatal corticosterone exposure alters hippocampal area CA2's development and related behaviors	NEU-50
Debabrata		Sinha	NICHD	Neuroscience	Neurotransmitter homeostasis - a crucial role for BMP signaling at Drosophila NMJ	NEU-51
Neha		Skandan	NIDA	Neuroscience	Glucocorticoid receptor blockade reverses heroin and alcohol withdrawal-induced hyperalgesia in rats	NEU-52
Neha		Skandan	NIDA	Neuroscience	Glucocorticoid receptor blockade reverses heroin and alcohol withdrawal-induced hyperalgesia in rats	NEU-53
Bailey	A	Sowers	NINDS	Neuroscience	Detection of Focal Cortical Injury in Minor Acute Ischemic Stroke Patients Using Serial 3D T1 MRI	NEU-54
bu Mohammad		Syed	NHLBI	Neuroscience	Exploring the role of WASF3 in chemotherapy-induced cognitive dysfunction	NEU-55
Jennifer	M	Tabet	NINDS	Neuroscience	Fatty acid binding proteins' localization and recruitment in response to axonal injury.	NEU-56
Maxime		Thouaye	NCCIH	Neuroscience	An intra-amygdala pathway controls pain-related aversion and pain chronicity	NEU-57
Genesis	L	Tolbert	NIA	Neuroscience	Uncovering primate-specific neuronal degeneration driven by microglia and astrocytes in Alzheimer's disease and related dementias using organotypic brain slices co-cultured with iPSC-derived glial cells	NEU-58
Rahul		Tyagi	NIMH	Neuroscience	Evaluation of anti-PAGE5 autoantibodies in early-onset psychosis	NEU-59
Rosario		Vicidomini	NICHD	Neuroscience	Most neurons and glial cells respond to BMP signaling – lessons from the Larval Ventral Nerve Cord	NEU-60
Caleb	D	Vogt	NIDA	Neuroscience	Reversing the dopamine and serotonin transporter binding selectivity of vilazodone	NEU-61
Wenliang		Wang	NIMH	Neuroscience	Chemogenetic inactivation of monkey entorhinal cortex impairs timing accuracy	NEU-61

Samantha	R	White	NIMH	Neuroscience	Lifespan related changes of striatal dopamine release capacity in mouse and macaque	NEU-62
Joelyz		Wolcott	NIDDK	Neuroscience	An amygdalopontine pathway promotes motor programs of ingestion	NEU-63
Ayse		Yesbek Kaymaz	NINDS	Neuroscience	Alsin loss of function impairs Rac1 signaling and endosomal trafficking in ALS2	NEU-64
Jiajing		Zhang	NCATS	Neuroscience	Microglia integrated neural spheroids enable neuroinflammatory responses and correct SNCA A53T-associated neural activity alterations	NEU-65
Dan		Bruno	NIAID	Research Support Services	The Spatial Technologies Resource: An integrated approach to Spatial-omics data generation and analysis	RSS-1
James	M	Cherry	NIAID	Research Support Services	Discover Advanced Technologies	RSS-2
Jackie	R	Collins	NIAID	Research Support Services	Integrated Data Science Section: Advancing complex biological research through collaborative computational excellence	RSS-4
Iyadh		Douagi	NIAID	Research Support Services	Innovations in multispectral image-based cytometry	RSS-5
Steven	M	Ferguson	OD	Research Support Services	Careers for NIH scientists in technology transfer & business development	RSS-6
Steven	M	Ferguson	OD	Research Support Services	NIH scientists and the Federal Laboratory Consortium for Technology Transfer (FLC)	RSS-7
Tamara		Goldfarb	NLM	Research Support Services	NCBI RefSeq: a source of high-quality non-redundant sequence standards for over 25 years	RSS-8
Gowthaman		Govindarajan	NIAID	Research Support Services	What can be accomplished when high-quality protein meets biophysics	RSS-9
Joelle		Khoriaty	NHLBI	Research Support Services	Clinical Data Management (CDM) Supporting NHLBI Intramural Research: Quality Control Services	RSS-10

Castle		Kim	NIBIB	Research Support Services	BETA Center Makerspace: Fabrication Resource for All	RSS-11
Brenda	A	Klaunberg	NINDS	Research Support Services	NIH Mouse Imaging Facility: An Extraordinary Preclinical Resource!	RSS-12
Jenna	M	Millstein	OD	Research Support Services	NIH Intramural Research Program Access Planning Policy	RSS-13
Anita	L	Mora	NIAID	Research Support Services	NIH BioArt Source	RSS-14
Liya		Muslinkina	NIAID	Research Support Services	High-quality protein and biophysics to study structure and function	RSS-15
Shashikant		Pujar	NLM	Research Support Services	Current status of MANE (Matched Annotation from NCBI and EMBL-EBI), a collaborative dataset for clinical variant reporting and comparative genomics.	RSS-16
Sanjida	H	Rangwala	NLM	Research Support Services	Analyze and compare eukaroytic genomes with NCBI's classic, newer, and newest genome browser	RSS-17
Stacy	M	Ricklefs	NIAID	Research Support Services	NIAID DIR's Technology Development Program: Expanding NIAID's research capabilities through collaborative technological advances	RSS-3
Owen	M	Schwartz	NIAID	Research Support Services	Large or small…… the Biological Imaging Facility is focused on your cells	RSS-18
Benjamin		Schwarz	NIAID	Research Support Services	The MetLip Unit: Using chemical cartography to access clinically actionable metabolomic and lipidomic results	RSS-19
Brian	A	Sellers	NIAID	Research Support Services	SomaScan: A high-throughput proteomic biomarker discovery platform	RSS-20
Chengfei		Jiang	NHLBI	RNA Biology	Systemic Identification of Functionally Conserved Long Noncoding RNA Metabolic Regulators in Human and Mouse Livers	RNA-1
Andrii		Kopach	NINDS	RNA Biology	A lysosome-associated ribosome-mTORC1 assembly regulates local protein synthesis in neurons	RNA-2

Sneha		Kulkarni	NCI	RNA Biology	Investigating the role of RNA metabolism in cancer immune evasion	RNA-3
Shabir	Ahmad	Zargar	NCI	RNA Biology	Oncogenic MIR17HG Expression Is Transcriptionally Regulated by PAX3::FOXO1 and MYCN in Fusion-Positive Rhabdomyosarcoma	RNA-4
Yijun		Zhou	NIAID	RNA Biology	High-Throughput mRNA IVT Monitoring Using PATfix HPLC	RNA-5
Natali		Colombo	NHGRI	Social and Behavioral Sciences	Barriers and solutions to disease risk mitigation	SOC-1
Cansu	N	Erkan	NICHD	Social and Behavioral Sciences	Neurobiological markers of cognitive behavioral therapy response in youth with irritability using functional near infrared spectroscopy: A pilot study	SOC-2
Diana	R	Frank	NIMH	Social and Behavioral Sciences	Co-heritability of bipolar disorder and dimensions of psychopathology within families	SOC-3
Jacqueline		Hua	NCI	Social and Behavioral Sciences	Factors associated with self-sampling preference for cervical cancer screening	SOC-4
Yunna		Kwan	NIMH	Social and Behavioral Sciences	Temporal Dynamics of Mood, Sleep, and Suicidal Ideation in Mood Disorders: A Digital Phenotyping Study	SOC-5
Olivia	G	Pilson	NHGRI	Social and Behavioral Sciences	Targeted educational interventions on genetic testing for autism for healthcare providers	SOC-6
Alexa	S	Raxenberg	NHGRI	Social and Behavioral Sciences	Family Caregiving in a Hereditary Cancer Context: Burden, Positive Aspects of Caregiving, and Support Needs	SOC-7
Anna	E	Roberts	CC	Social and Behavioral Sciences	Adverse childhood experiences and early adulthood allostatic load: Adolescent psychosocial factors as key mediators	SOC-8
Eve		Rubovits	NHGRI	Social and Behavioral Sciences	The Relationship between Care Recipient Needs and Caregiver Guilt in a Rare Disease Context	SOC-9
Ghadi		Salem	NIBIB	Social and Behavioral Sciences	Building vision systems for automated profiling of research animals activity	SOC-10

Matt	B	Siroty	NICHD	Social and Behavioral Sciences	Contributions of peer social experiences to social decision-making behaviors	SOC-11
Grace	G	Smith	NIDDK	Social and Behavioral Sciences	College education may influence preference for normal weight silhouettes in African immigrant and African American women	SOC-12
Joel	R	Wilkinson	CC	Social and Behavioral Sciences	Perspectives Related to Individual Donor Assessment for Blood Donors	SOC-13
Jason	S	Wilson	OD	Social and Behavioral Sciences	Effects of a combined nature-based and audio-based virtual mindfulness intervention on stress and wellbeing of COVID-19 healthcare workers: a randomized controlled trial.	SOC-14
David		Castellano	NCATS	Stem Cell Biology	Functional and Molecular Characterization of hPSC-derived Sensory Neurons During Inflammatory Sensitization	STE-1
Guibin		Chen	NCATS	Stem Cell Biology	Reactivation of Human X-Linked Gene and Stable X-Chromosome Inactivation Observed in Generation and Differentiation of iPSCs from a Female Patient with HNRNPH2 Mutation	STE-2
Fiona	S	Daly	NCATS	Stem Cell Biology	Small Molecule Modulation of Signaling Gradients Directs Orthogonal Patterning of Hypothalamic Nuclei from Human Pluripotent Stem Cells	STE-3
Erin	L	Floranda	NCATS	Stem Cell Biology	Generation of human induced pluripotent stem cell-derived dorsal root ganglion organoids to model chemotherapy-induced peripheral neuropathy	STE-4
Sena	N	Gul	NEI	Stem Cell Biology	Region-specific iPSC-RPE models reveal differential sensitivity to AMD	STE-5
Ayotimofe		Idowu	NHLBI	Stem Cell Biology	Improved Organ Function post Non-myeloablative Hematopoietic Cell Transplantation in the Murine Model of Sickle Cell Disease	STE-6
Vukasin		Jovanovic	NCATS	Stem Cell Biology	Type 2 Diabetes Polygenic Risk Shapes Gene Regulation in Human Hypothalamic POMC Neurons	STE-7
HoTae		Lim	NEI	Stem Cell Biology	Axon pathfinding of retinal ganglion cells in an apical-in retinal organoid model derived from human pluripotent stem cells	STE-8
Aditi		Mahajan	NEI	Stem Cell Biology	Vision on Usher 3: Patient Retinal Organoids Reveal CLRN1-Cone Crisis	STE-9

Zeenat	A	Shyr	NCATS	Stem Cell Biology	High throughput screening assays for an ultra-rare disease caused by NGLY1 enzyme deficiency	STE-10
Brian	B	Silver	NIEHS	Stem Cell Biology	Characterization of Extracellular Vesicles and miRNA Released by Cerebral Organoids	STE-11
Priyanka	D	Abeyrathne	NHLBI	Structural Biology	Investigating the Role of Synaptic Vesicles in Mammalian Neurotransmission	STR-1
Almira		Ahmed	NHLBI	Structural Biology	The Development of a Vesicle Model to Study Solvent PRE-Effects on Lipoprotein Particles	STR-2
Tongyi		Dou	NHLBI	Structural Biology	Organic anion transporter 1: mechanism of action and chloride regulation	STR-3
Raghupathi		Kummari	NCI	Structural Biology	Uncovering Allosteric Inhibitors of VCP/p97: Structural Mechanisms and Therapeutic Implications for Cancer Treatment.	STR-4
Olivia	E	Lambertson	NIDDK	Structural Biology	Cryo-electron microscopy structure of the sickle hemoglobin fiber and its importance for drug discovery in a virtual screen	STR-5
ESAM	A	Orabi	NHLBI	Structural Biology	Mechanistic Insights into NBCe1 Transporter Function from Cryo-EM and MD Simulations	STR-6
Anjali		Raju	NHLBI	Structural Biology	Investigating the open conformation of GadC, an E.Coli glutamate/GABA antiporter	STR-7
Brandon	D	Schweibenz	NIAID	Structural Biology	Chikungunya virus polyprotein cleavage is regulated by nucleic acid binding	STR-8
Jose	G	Vazquez	NHLBI	Structural Biology	UEVLD as a potential tool to study Tsg101 and an application model for pseudocontact shift experiments	STR-9
Christopher	B	Wilson	NIDDK	Structural Biology	Insights into Liquid-Liquid Phase Separation of the Fused In Sarcoma Low-Complexity Domain from low-temperature solid-state NMR	STR-10
Georgina Luisa		Baca	NIA	Systems Biology	Serotonin regulates heart rhythm via calcium-mediated, dose-responsive pacemaker mechanisms	SYS-1

Valentine	V	Courouble	NCATS	Systems Biology	Development of an integrated high-throughput proteomics sample preparation platform for analysis of C. elegans	SYS-2
Jacob	D	Davis	NIBIB	Systems Biology	Introducing the Systems and Computational Biology section of the Trans-NIH BETA Center	SYS-3
Zakiyah	R	Henry	NIEHS	Systems Biology	3-Month dosed-feed toxicity study (including perinatal exposure) of Garcinia cambogia extract in Sprague Dawley rats	SYS-4
Ian	S.	LaCroix	NIAID	Systems Biology	Translation Metabolomics Across Diseases Maps a Complex Pattern of Xanthine Oxidation and Salvage in Inflammation and Cellular Stress.	SYS-5
Nathan	P	Manes	NIAID	Systems Biology	Data-driven modeling of the mouse macrophage Toll-like receptor signaling pathway	SYS-6
Yeuran		Oh	NIA	Systems Biology	Physiological temperature variations affect NF-κB signaling dynamics in fibroblasts	SYS-7
Mina	P	Peyton	NIAID	Systems Biology	Proteomic Analysis of Tick-Borne Diseases: Vector-host and Pathogen-vector Interactions using DDA and DIA Mass Spectrometry	SYS-8
Jake	R	Szeszko	NIA	Systems Biology	Short-term Heart Rate Variability Changes with Age in C57 Mice.	SYS-9
Ravi		Tharakan	NCATS	Systems Biology	A Multiomics Method for Determining Off-Target Effects of Targeted Protein Degraders	SYS-10
Paul	M	Trusov	NLM	Systems Biology	Comparative analysis of charge state determination methods in mass-spectrometry – based proteomics	SYS-11
Gunjan		Arora	NIAID	Virology	Severe Acute Respiratory Syndrome Coronavirus-2 Core (SVC) Lab: A Research Core Serving the NIH Intramural Research Community	VIR-1
Federica		Bichicchi	NIDCR	Virology	Characterization of salivary glands virome in Sjogren's Syndrome patients through the use of spatial transcriptomics	VIR-2
Samantha		Cotsmire	NCATS	Virology	Identification of antivirals against Rift Valley Fever Virus	VIR-3

Dorjbal		Dorjsuren	NCATS	Virology	Development of an Antiviral Probe against Rabies Virus and Its Evaluation in a 3D Dorsal Root Ganglion Organoid-Innervated Pathogenic Model	VIR-4
Anh	D	Ha	NLM	Virology	NCBI Virus: Accessing virus sequences and associated metadata	VIR-5
Ruth	Elizabeth	Hartke	NCATS	Virology	Broad-spectrum antiviral activities of synthetic natural product ZJ-101 series compounds	VIR-6
Shreyanshu		Ray	NIAID	Virology	Fusion peptide priming and trimer boosting strategies for HIV vaccine development in guinea pigs	VIR-7
Ashok		Silwal	NCATS	Virology	A dual approach to AAV optimization: capsid deimmunization and production enhancement	VIR-8