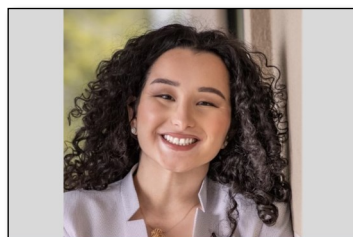


Incoming CAMB Students 2025



Diana Abraham

she/her/hers

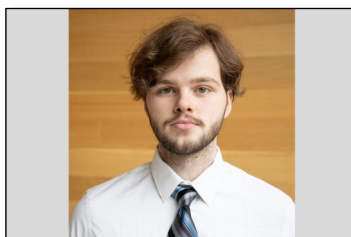
GTV MD/PhD

Research Interests

Stem cell biology, neuroimmunology, gene-editing, clonal dynamics, and stem cell transplantation

Research Experience

Coelho/Witek Lab (NYU Dental)
Klein Lab (Harvard Medical School)
Dunbar Lab (NIH-NHLBI)



Sam Barnett

he/him/his

CB

Research Interests

Protein-protein interactions, protein signaling, molecular chemotherapeutics, drug delivery, tumor microenvironment

Research Experience

Sparenberg Lab (Howard Community College)
Vonhoff Lab (U Maryland)
Asangani Lab (U Penn)



Hannah Betts

she/her/hers

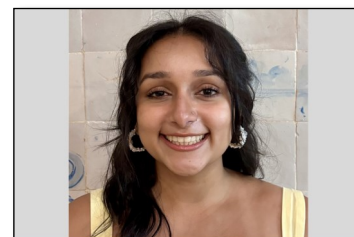
MVP

Research Interests

Microbial pathogenesis, host-pathogen interactions, infectious disease, molecular mechanisms, bacteriology

Research Experience

Singh Lab (U of Washington)
Stoebe Lab (Harvey Mudd College)
Schulz Lab (Harvey Mudd College)



Andrea Biju

she/her/hers

MVP

Research Interests

Vaccine design and adaptive immune responses, virus-host interactions, and emerging viruses

Research Experience

Scientist (ThermoFisher)
Translational Medicine SRA (Turnstone Biologics)
Virology Lab (NIH Vaccine Research Center)
Lange Lab (UCSD)



Sarah Bolarinwa

she/her/hers

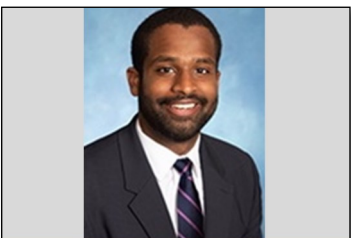
G&E

Research Interests

Gene regulation, early embryogenesis, chromatin dynamics

Research Experience

Jerebtsova Lab (Howard)
Mellone Lab (UConn - REU)
Mogessie Lab (Yale - SURF)



Omar Bushara

he/him/his

CB

Research Interests

Cancer immunology, tumor microenvironment, immunotherapy

Research Experience

Linette/Carreno Lab (U Penn)
Yang Lab (Northwestern)



Mary Campion

she/her/hers

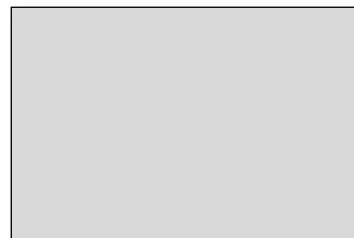
MVP

Research Interests

Host-pathogen interactions, infectious diseases, immunology, immunotherapy design and engineering

Research Experience

Shaw-Hahn Lab (U Penn)
LifeCanvas Technologies
Mellott Lab (Boston University)
Otchy Lab (Boston University)



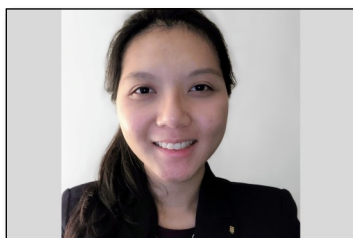
Chase Chen

she/her/hers

G&E MD/PhD

Research Interests

Research Experience



Chelsey Chen

she/her/hers

G&E MD/PhD

Research Interests

Cancer genetics and epigenetics, chromatin conformation, mechanisms of metastasis and refractory disease

Research Experience

Semenza Lab (Johns Hopkins)
Mullighan Lab (St. Jude Children's Hospital)



Elizabeth desRanleau

she/her/hers

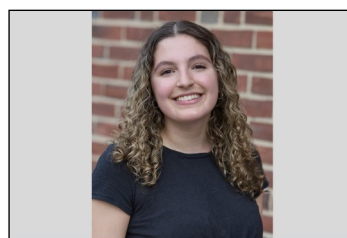
G&E

Research Interests

Gene regulation, molecular mechanisms of genetic diseases, model organism approaches

Research Experience

Barr Lab (Rutgers)



Ana Dias

she/her/hers

CB

Research Interests

Genome stability, DNA replication/repair, RNA biology, dysregulation of molecular mechanisms in cancer cells

Research Experience

McVey Lab (Tufts)

Incoming CAMB Students 2025



Myles Ford

he/him/his

DSRB

Research Interests

Genesis/repair of tissues and organ systems, tissue engineering, translational research

Research Experience

Ghanem Lab (UPenn)
Fennell Lab (Hampton)
Rosato Lab (Dartmouth)



Ashley Forster

she/her/hers

CB

Research Interests

Comparative oncology, digital pathology and image analysis

Research Experience

Comparative Pathology Core/Pathology Department (PennVet)



Aastha Gandhi

she/her/hers

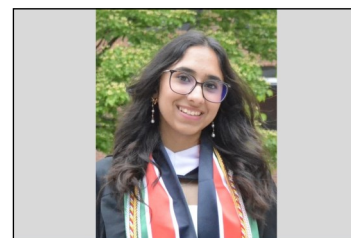
GTV

Research Interests

Genetics and molecular mechanisms of disease, specifically rare diseases, RNA based therapies

Research Experience

Dowling and Scherer Lab (SickKids)
Meiering Lab (University of Waterloo)
Elizium Tech (University of Waterloo)
Hoare Lab (Suncor and McMaster University)
Wally Lab (Agriculture and Agri-Food Canada)



Krishna Gajjar

she/her/hers

DSRB

Research Interests

Stem cell regulation, organoids, regenerative medicine

Research Experience

Meyer Lab (Clark)
Kingsbury Lab (MGH)
McCabe Lab (EPFL, Switzerland)



Gabriela Garcia Molina

she/her/hers

CPM

Research Interests

Cellular metabolism, cell signaling, mechanisms of disease, structure function relationships, cellular trafficking

Research Experience

Burkhardt Lab (U Penn, PennPREP)
Baker Lab (UNC-Chapel Hill)
Martin Lab (Stockton University)



Wren Garcia

she/her/hers

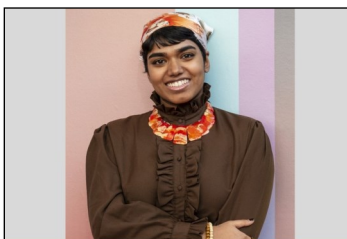
MVP

Research Interests

Virology/Immunology, specifically interactions at the host-pathogen interface and genetic regulation during infection

Research Experience

Hardy Lab (IUB)
Genome Engineering Intern (Eli Lilly)
Manzella Lab (IUB)
Biotechnology Discovery Research Intern (Eli Lilly)



Caroline George

she/her/hers

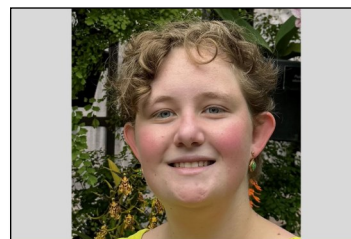
DSRB

Research Interests

Neurodevelopmental biology, cellular neuroscience, biochemical signaling during early development

Research Experience

Granato Lab (U Penn PennPREP)
Social Affective Neuroscience Lab (Temple)
Olson Lab (Temple)
Bangasser Lab (Temple)



Haley Goodrow

she/they

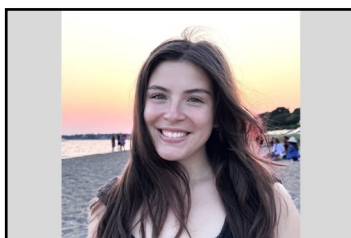
DSRB

Research Interests

Regulation of cell differentiation and plasticity in normal and malignant development

Research Experience

Bernt Lab (CHOP)
Billier Lab (Wellesley College)



Claire Gould

she/her/hers

CB

Research Interests

Cancer biomarkers and therapeutics, single cell and spatial transcriptomics, pathways of metastasis, tumor microenvironment

Research Experience

Mani Lab (Brown)
Biodesix Inc
Medeiros Lab (U of Colorado Boulder)



Audrey Griffith

she/her/hers

G&E VMD

Research Interests

Comparative medicine/comparative genomics, genetic function, CRISPR development

Research Experience

Schmehl Lab (Tulane University)
Genetic Perturbation Platform (Broad Institute)



Katrin Gross

she/her/hers

G&E

Research Interests

RNA, transcriptional regulation and chromatin organization, cell fate specification, germ cells and early embryonic development

Research Experience

Conine Lab (UPenn)
Woodruff Lab (Northwestern University)



Sophia Han

she/her/hers

GTV

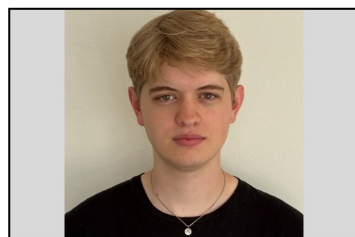
Research Interests

Gene therapy, RNA based therapies, muscle disease, metabolic disorders

Research Experience

Dowling Lab (University of Toronto)
Golden Lab (UCSD)

Incoming CAMB Students 2025



Mason Hillers

he/him/his

MVP

Research Interests

Host-microbe interactions, antibiotic resistance, microbiome, bacterial evolution, synthetic biology, bacteriophages

Research Experience

Keasling Lab (UC Berkeley)



Annie Huang

she/her/hers

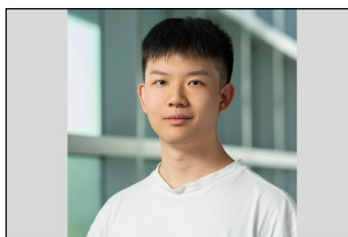
G&E

Research Interests

Gene regulation, development, epigenetics, regeneration, bio-engineering

Research Experience

Rosbash Lab (Brandeis)
Stark Lab (Institute of Molecular Pathology)
Larschan Lab (Brown)



Mike Jiang

he/him/his

CB

Research Interests

DNA damage and repair, genome integrity, cancer models

Research Experience

Haber Lab (Brandeis)



Laurel Kastner

she/her/hers

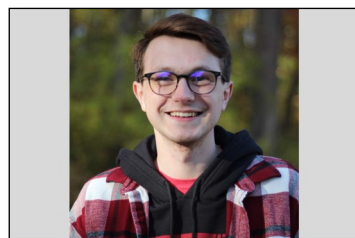
G&E

Research Interests

Pediatrics, neuroscience, genetics, therapeutics

Research Experience

Minderman Lab (Roswell Park Comprehensive Cancer Center)
Pieribone Lab (Yale University)
Loeb Lab (Einstein College of Medicine)



Matt Kauffman

he/him/his

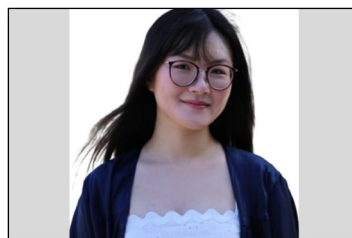
CPM

Research Interests

Metabolism, interorgan communication, genetics, dysregulation of metabolism in disease

Research Experience

DiAngelo Lab (Penn State)



Heejung Koo

she/her/hers

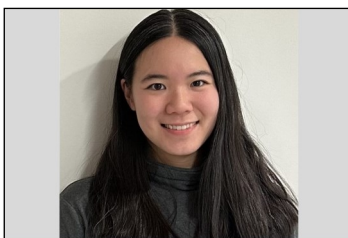
MVP

Research Interests

Microbiome, host-pathogen interactions, bacterial metabolism, immune response

Research Experience

Bisanz Lab (Penn State)
Belle Lab (U Penn/USSP program)



Sabrina Koseki

she/her/hers

MVP

Research Interests

Vector-borne diseases, disease ecology, emerging viruses, arboviruses, vector biology

Research Experience

Division of Virology (Mass State Dept of Public Health)
Small Molecule Biology Group (Novartis)
Molecular Machines Group (MIT Media Lab)



Ryan Krause

he/him/his

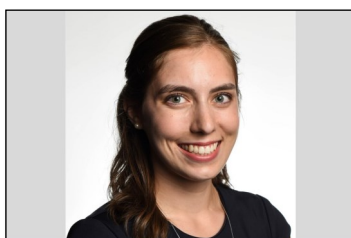
MVP

Research Interests

HIV cure, virology, neutralizing antibody development, germinal center interactions

Research Experience

Perez Lab (Rowan University)
Bar Lab (U Penn)



Leonie Kurzlechner

she/her/hers

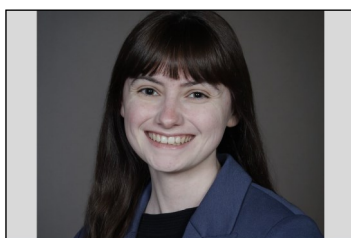
G&E MD/PhD

Research Interests

Cardiac genetics

Research Experience

Landstrom Lab (Duke University)



Sarah Lindley

she/her/hers

G&E

Research Interests

Circadian rhythm, mitochondrial function and genetics, metabolic disease, genetics of rare diseases, chromatin, epigenetics

Research Experience

Palladino Lab (U of Pittsburgh)



Dylan Luce

he/him/his

MVP

Research Interests

Microbial pathogenesis, bacteriology, host-microbe interactions, infectious disease

Research Experience

DiRita Lab (MSU)
Green Lab (U Chicago)
Skaar Lab (Vanderbilt)

Incoming CAMB Students 2025



Aisling Macaraeg

she/her/hers

MVP

Research Interests

Host-pathogen interactions, infectious disease, molecular mechanisms, membrane organelle trafficking

Research Experience

K Ramsey Lab (U Rhode Island)
Machner Lab (NICHD, NIH)



Anna MacManus

she/her/hers

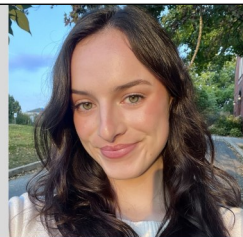
CB

Research Interests

tumor microenvironment, tumor immunology, immunotherapy, targeted therapies

Research Experience

Wiemann Lab (German Cancer Research Center)
Bonney Lab (Institut de Recherche en Cancérologie de Montpellier)
Loayza-Puch Lab (German Cancer Research Center)



Madison McCanna

she/her/hers

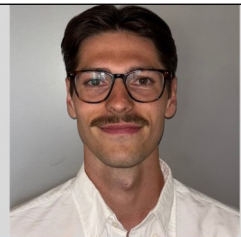
MVP

Research Interests

Virology, bacteriology, host-pathogen interactions, vaccine development, infectious disease, public health

Research Experience

Paulson Lab (Penn State)
Kulp Lab (The Wistar Institute)
Weiner Lab (The Wistar Institute)



Dalton McGlamery

he/him/his

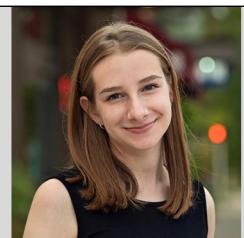
G&E

Research Interests

Gene regulation, specifically through RNA and/or chromatin, epigenetics

Research Experience

Adelman Lab (Harvard Medical School)
Akerman Lab (UNC Chapel Hill)



Eleanor Mills

she/her/hers

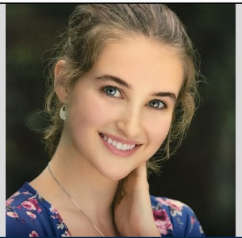
DSRB

Research Interests

Neurodevelopmental disorders, stem cell differentiation, in vitro modeling, chromatin dynamics

Research Experience

Bielas Lab (University of Michigan)



Sydney Moore

she/her/hers

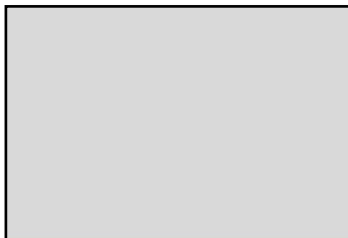
CB

Research Interests

Cancer signaling, cell cycle dysregulation, DNA repair, gene expression and epigenetic regulation, identifying novel therapeutics

Research Experience

Blueprint Medicines Biology Department (Cambridge)



Jamari Moorehead

he/him/his

DSRB

Research Interests

Research Experience



Emily Munson

she/her/hers

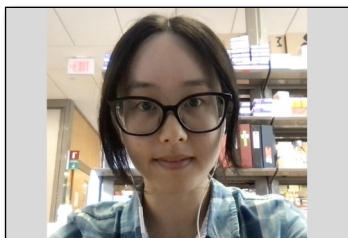
G&E

Research Interests

Gene expression, developmental and neurodegenerative disorders, rare genetic disorders, molecular mechanisms of disease

Research Experience

Drivas Lab (SUIP/PGSIP)
Strand Lab (College of Wooster)
Nanfack-Minkeu Lab (College of Wooster)



Angela Nan

she/her/hers

GTV

Research Interests

gene editing, delivery, tech development, translational research

Research Experience

Abugoot Lab (Harvard Medical School)
Tome Biosciences



Robert Nguyen

he/him/his

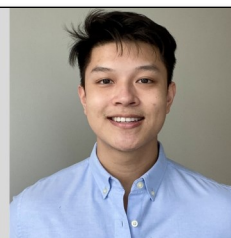
CB

Research Interests

Metabolism, epigenetics, plasticity, homeostasis, cancer drug resistance

Research Experience

Bielas Lab (U of Michigan)
Filbin Lab (DFCI)
Roberts Lab (Dickinson College)
Knutson Lab (SUNY Upstate Medical)



Tai Nguyen

he/him/his

CB

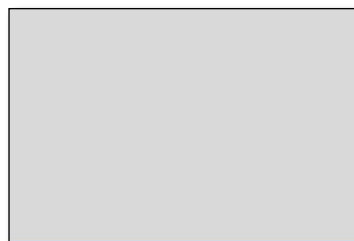
Research Interests

Cancer immunology, cancer metabolism, DNA repair, CRISPR technology

Research Experience

Monnat Lab (U of Washington)
Batista Lab (National Cancer Institute)

Incoming CAMB Students 2025



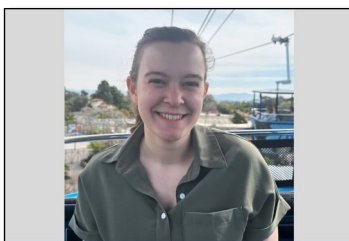
Michelle Onyekaba

she/her/hers

MVP MD/PhD

Research Interests

Research Experience



Isabella Panse

she/her/hers

GTV MD/PhD

Research Interests

Metabolism, genetics, pediatrics, cardiology, iPSCs, gene therapy

Research Experience

Hankenson Lab (U Mich)
Helms Lab (U Mich)
Ahrens-Nicklas Lab (U Penn)



Tanay Parnaik

he/him/his

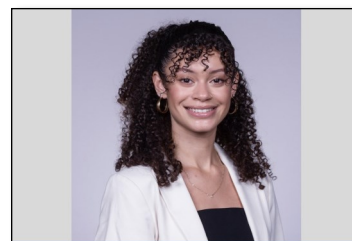
CPM

Research Interests

Immunometabolism, cellular engineering, cancer metabolism

Research Experience

Parada Lab (The College of New Jersey)
Seale Lab (UPenn)
Bartman Lab (UPenn)



Tatiana Perez

she/her/hers

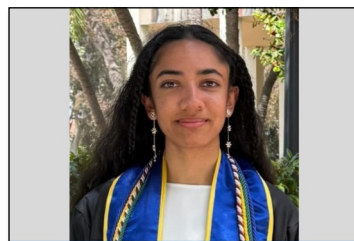
CPM

Research Interests

Metabolism, mitochondria, reproductive biology, women's reproductive health, pregnancy, fertility, hormones

Research Experience

Marten Lab (UMBC, U-RISE)
Akahori-Stroud Lab (UTSW, AMGEN Scholars)
Simmons Lab (U Penn, PennPREP)



Ananya Ravikumar

she/her/hers

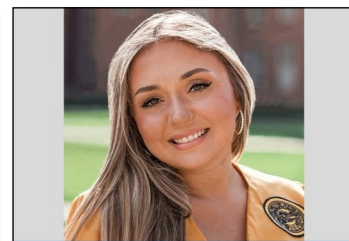
GTV

Research Interests

CAR T cell therapy, tumor microenvironment, DNA damage, preventative medicine

Research Experience

Lowry Lab (UCLA)



Maggie Robertson

she/her/hers

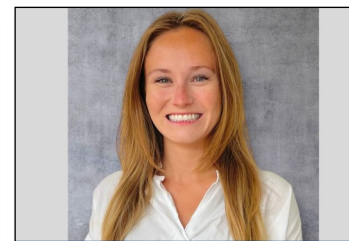
CB

Research Interests

Cancer immunology, tumor microenvironment, tumor heterogeneity, lineage plasticity, metastasis, oncogenic signaling

Research Experience

Dacks Lab (WVU)
Feldser Lab (UPenn)



Sara Serdy

she/her/hers

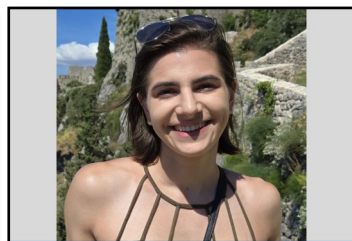
CPM

Research Interests

PSCs, organoids, neurogenesis, neurodegeneration, cell fate decisions, metabolic rewiring, glucose transporters, transcriptomics

Research Experience

Koehler Lab (Boston Children's Hospital/
Harvard Medical School)
Vertex Pharmaceuticals



Claudia Sesso

she/her/hers

G&E

Research Interests

Epigenetic regulation of development and disease, stem cells

Research Experience

Xin Chen Lab (Johns Hopkins)



Kavita Shroff

she/her/hers

CPM PVSTP

Research Interests

Myocardial ischemia and injury in critical illness, arrhythmias in critical illness, atrial fibrillation.

Research Experience

LA Diagnostic Imaging New Bolton Center (UPenn)
May & Freedman Labs (UPenn)
Londergan Lab (Haverford College)



Melanie Staszewski

she/her/hers

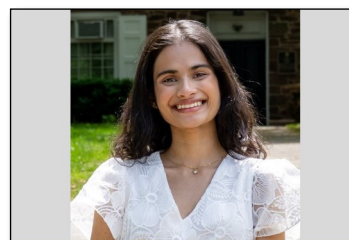
DSRB

Research Interests

stem cells, organoids, regeneration, degeneration, neurodevelopment, epigenetics, omics

Research Experience

Clark Lab, Rojas Lab (Salisbury University)
L.A.U.D. Summer Research Program (LUC)
Wojdacz (PMU in Szczecin)
Raznahan (NIMH)



Diya Suray

she/her/hers

DSRB

Research Interests

Fertility, DNA damage, genetic diseases

Research Experience

McKim Lab (Rutgers)

Incoming CAMB Students 2025



Deyana Tabatabaei

she/her/hers

G&E

Research Interests

Epigenetic mechanisms of disease, gene expression, transcriptional regulation, cancer, environmental and social medicine, health disparities

Research Experience

Kumar Lab (Temple)
Karakashev Lab (Temple)



Elizabeth Talker

she/her/hers

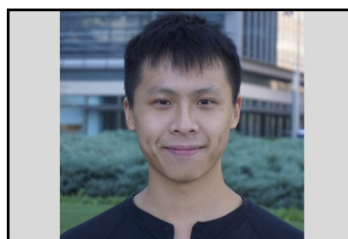
G&E

Research Interests

Cancer biology, genetics, genomics and epigenetics

Research Experience

Cancer Cytogenetics Department (ACTREC, India)
Clinical genomics and hypoxia Lab (ACTREC, India)
Karni Lab (Hebrew University, Israel)



Albert Tan

he/him/his

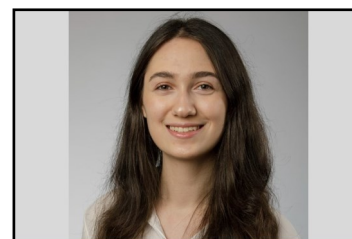
DSRB

Research Interests

Stem cells, cell fate/differentiation, regenerative medicine, cell therapies

Research Experience

Mazzoni Lab (NYU)



Anna Tangiyan

she/her/hers

CB

Research Interests

Cancer genomics, tumor heterogeneity, CRISPR, RNA processing/therapeutics

Research Experience

Hebe Guardiola-Diaz Lab (Trinity College)
Harry Taylor Lab (SUNY Upstate)
Peter Choi Lab (CHOP/U Penn)



Lucien Tessier

he/him/his

GTV

Research Interests

Nucleic acid therapeutics, rare genetic disease, therapeutic delivery

Research Experience

Gersbach Lab (Duke)
Jacob Lab (Tufts)



Jane Thompson

she/her/hers

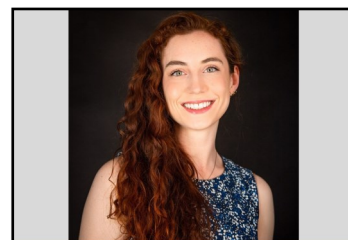
GTV

Research Interests

Rare diseases, gene therapy, gene editing, AAV, lipid nanoparticles, molecular mechanism, cell signaling, epigenetics, gene expression

Research Experience

Dowling Lab (The Hospital for Sick Children)
Jordana Lab (McMaster University)



Josephine Thrasher

she/her/hers

G&E MD/PhD

Research Interests

Epigenetics, molecular genetics, gene regulation, gene transcription

Research Experience

Blobel Lab (U Penn CHOP)
Heuckeroth Lab (U Penn CHOP)
Kaplinsky Lab (Swarthmore College)



Maya Wyr

she/her/hers

MVP

Research Interests

Emerging and zoonotic viruses, virus-host interactions, viral pathogenesis

Research Experience

Ramirez Lab (CSULB)
Weiss Lab (UPenn SUIP)



Sophia Zheng

she/her/hers

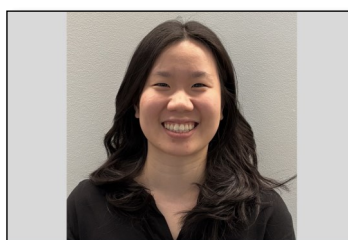
GTV

Research Interests

Therapeutic technologies, drug delivery, RNA biology, gene regulation/editing, immune engineering, host-pathogen interactions

Research Experience

Boekelheide Lab (Brown University)
Tevard Biosciences (start-up)



Denise Zhong

she/her/hers

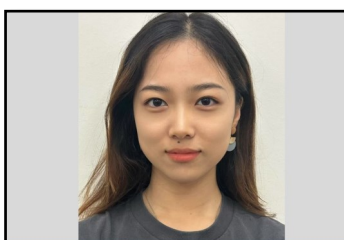
CPM

Research Interests

Metabolic disorders, adipose biology, lipid signaling, neurodegeneration, oligodendrocyte differentiation and myelination, molecular mechanisms, translational research

Research Experience

Corvera Lab (UMass Chan)
Hayes Lab (Brandeis)



Yingxuan Zhu

she/her/hers

GTV

Research Interests

Gene therapy, pediatric muscle disease, innate immunology

Research Experience

Dowling Lab (UPenn)
Andrew Wilde Lab (U of Toronto)
Pastor-Pareja lab (Tsinghua Uni)