

K12	Degree	Rank	Institution	Primary Department	Brief Description of Research Interest
Alberts, Jay	PhD	Professor	Cleveland Clinic	Lerner Research Institute (Biomedical Engineering)	Parkinson's disease; deep brain stimulation; forced exercise; assisted exercise; stroke; robotics; concussion assessment
Apte, Suneel	MBBS	Associate Professor	Cleveland Clinic	Lerner Research Institute (Molecular Medicine)	Connective tissue biology, orthopedic research
Blackstone, Eugene	MD	Professor	Cleveland Clinic	Heart and Vascular Institute	Cardiothoracic research, both clinical and experimental; clinical investigations
Bonomo, Robert	MD	Professor	Veterans Affairs Medical Center	Medicine	Bacterial resistance to beta-lactams
Boom, W. Henry	MD	Professor	University Hospitals	Medicine	Immunology of Mycobacterium tuberculosis
Cooper, Kevin	MD	Professor	University Hospitals	Dermatology	Psoriasis, Atopic Dermatitis, Immunobiology, Photobiology, Autoimmunity, UV & Solar Effects, Immunomodulatory Therapy
Damaser, Margot	PhD	Professor	Cleveland Clinic	Lerner Research Institute (Biomedical Engineering)	Incontinence and Pelvic Floor Disorders; Regenerative Medicine; Devices
Dell, Katherine	MD	Professor	Cleveland Clinic	Center for Pediatric Research, Nephrology	Inherited kidney diseases, polycystic kidney disease, congenital kidney malformations
Derwin, Kathe	PhD	Assistant Professor	Cleveland Clinic	Lerner Research Institute (Biomedical Engineering)	Healing and outcomes of soft tissue repairs especially in the shoulder
Dolansky, Mary	PhD, RN, FAAN	Associate Professor	Case Western Reserve University	Nursing	Implementation Science, Clinical Trials, Primary Care
Dweik, Raed	MBBS	Professor	Cleveland Clinic	Pulmonary Medicine	Pulmonary hypertension, asthma, nitric oxide biology, exhaled breath analysis, biomarkers, lung matrix, hyaluronan
Eng, Charis	MD PhD	Professor	Cleveland Clinic	Lerner Research Institute (Genetics and Genomic Sciences)	Human cancer genetics, genetics-informed personalized oncology
Erzurum, Serpil	MD	Professor	Cleveland Clinic	Pulmonary Medicine	inducible factor and signal transduction, gender discordance in asthma
Exner, Agata	PhD	Professor	Case Western Reserve University	Case Center for Imaging Research	Biomaterials and drug delivery systems
Fairchild, Robert	PhD	Professor	Cleveland Clinic	Lerner Research Institute (Inflammation and Immunity)	Transplantation Immunobiology and Cutaneous Inflammation
Haines, Jonathan	PhD	Professor	Case Western Reserve University	Population and Quantitative Health Sciences	epidemiology, outcomes research, and quantitative methodology development
Hazen, Stanley L	MD PhD	Professor	Cleveland Clinic	Lerner Research Institute (Cardiovascular and Metabolic Sciences)	Inflammation biochemistry, lung pathobiology, cardiovascular disease
Huang, Alex	MD PhD	Associate Professor	Case Western Reserve University	Pediatrics	Regulation between immune activation and tolerance is crucial in the pathogenesis of cancer
Iyengar, Sudha	PhD	Professor	Case Western Reserve University	Population and Quantitative Health Sciences	Genetics of multifactorial human disorders
Kazura, James	MD	Professor	Case Western Reserve University	The Center for Global Health & Diseases	Immune responses to malaria & lymphatic filariasis; vaccine development
Keri, Ruth	PhD	Professor	Case Western Reserve University	Molecular Medicine	Hormonal control of mammalian cancer susceptibility
King, Christopher	MD PhD	Professor	Case Western Reserve University	The Center for Global Health & Diseases	immune response to prenatal parasite exposure; vaccine development
Kirsch, Robert	PhD	Professor	Case Western Reserve University	Biomedical Engineering	Electrical Stimulation (FES) and Controlling FES Actions Via Natural Neural Commands
Koroukian, Siran	PhD	Professor	Case Western Reserve University	Population and Quantitative Health Sciences	Public health and big data/informatics to uncover disparities in access and outcomes, with a focus on chronic illnesses
Lathia, Justin	PhD	Associate Professor	Cleveland Clinic	Lerner Research Institute (Cardiovascular and Metabolic Sciences)	Cancer stem cells; brain tumors; cell to cell communication; in vivo imaging

Letterio, John	MD	Professor	Case Western Reserve University	Pediatrics	Chemoprevention in colon cancer
Levine, Alan	PhD	Professor	Case Western Reserve University	Department of Molecular Biology & Microbiology	Mucosal Immunology, T cell signal transduction, regulation of T cells by extra-cellular matrix in GI track
Lu, Zheng-Rong	PhD	Professor	Case Western Reserve University	Biomedical Engineering	Drug delivery systems using novel polymer and molecular constructs and nanotechnologies.
Maciejewski, Jaroslaw	MD	Professor	Cleveland Clinic	Lerner Research Institute (Translational Hematology and Oncology Research)	Molecular pathogenesis of bone marrow failure syndromes; stem cell biology, genetics, cytogenetics and immunobiology
Markowitz, Sanford	MD PhD	Professor	University Hospitals	Medicine	Molecular abnormalities in colon cancer and the role of genomic instability in inherited and sporadic colon cancers
Moravec, Christine	PhD	Assistant Professor	Cleveland Clinic	Lerner Research Institute (Molecular Cardiology)	Human heart failure
Nagy, Laura	PhD	Professor	Cleveland Clinic	Lerner Research Institute (Inflammation and Immunity)	Alcoholic liver disease; innate immunity; macrophage function
Ontaneda, Daniel	MD	Assistant Professor	Cleveland Clinic	Mellen Center, Neurology	Multiple Sclerosis
Rothberg, Michael	MD, MPH		Cleveland Clinic	Center for Value-Based Care Research	with an emphasis on tailoring treatment based on individual risk and preferences
Schiemann, William	PhD	Professor	Case Western Reserve University	Case Comprehensive Cancer Center	TGF- β Paradox" and its relationship to the initiation of epithelial-mesenchymal transition
Scott, Jacob	MD, PhD		Cleveland Clinic	Lerner Research Institute (Translational Hematology and Oncology Research)	Personalized radiation therapy, evolutionary therapy - working towards delayin gor preventing resistance to therapies
Sedor, John	MD	Professor	Cleveland Clinic	Kidney Medicine	Genetic and genomic mechanisms of kidney disease pathogenesis
Sehgal, Ash	PhD	Professor	Cleveland Clinic	Lerner Research Institute (Cellular and Molecular Medicine)	unravel the mechanisms for and susceptibility to cardiovascular diseases
Smith, Jonathan	MD	Professor	Cleveland Clinic	Lerner Research Institute (Cardiovascular and Metabolic Sciences)	Atherosclerosis, genetics, cholesterol metabolism
Spilsbury, James	MPH, PhD		Case Western Reserve University	Population and Quantitative Health Sciences	Medical anthropology, effects of social context on children's health and well-being; child maltreatment
Stamler, Jonathan	MD	Professor	Case Western Reserve University	Physiology and Biophysics	S-nitrosylation-mediated protein control; cellular regulation and signaling
Stange, Kurt	MD PhD	Professor	University Hospitals	Center for Community Health Integration	Effectiveness of family practice networks
Tang,W H Wilson	MD	Professor	Cleveland Clinic	Cardiovascular Medicine & Transplant Center	Heart failure and transplant cardiologist; mechanistic understanding of cardiomyopathies and heart failure
Triolo, Ronald	PhD	Professor	Case Western Reserve University	Biomedical Engineering	Musculoskeletal biomechanics, rehabilitation engineering and development of assistive technology, neural stimulation
Yu, Jennifer	MD, PhD	Associate Professor	Cleveland Clinic	Radiation Oncology	Glioma stem cells, brain metastases, radiation resistance, hypoxia, signal transduction, clinical trials
Zhu, Xiaofeng	PhD	Professor	Case Western Reserve University	Population and Quantitative Health Sciences	Statistical Genetics and genetic epidemiology, Hypertension, obesity, sleep apnea, bioinformatics