

COMPASS Faculty Mentors

2022

Lab	Research Interest	Lab Web Page
Dr. Valerie Arboleda	Genetics, Undiagnosed Disease, Sex Development Disorder, Molecular Pathology	https://www.arboledalab.org/
Dr. Reza Ardehali	Heart Development and Disease	https://stemcell.ucla.edu/member/ardehali
Dr. Vaithi Arumugaswami	Flaviviridae, Hepatitis C Virus, Zika Virus and Dengue Virus	https://www.pharmacology.ucla.edu/people/vaithilingaraja-arumugaswami-ph-d/
Dr. Aparna Bhuduri	Neural stem cell fate; cortical development; brain tumors	https://labs.dgsom.ucla.edu/bhaduri/pages/people
Dr. Douglas Black	Genetic Regulation	https://blacklab.mimg.ucla.edu/
Dr. Paul Boutros	Computational Cancer Biology, Benchmarking, Bioinformatics, Prostate Cancer	https://www.uclahealth.org/departments/urology/iuo/research/faculty-labs/dr-paul-boutros-lab
Dr. Samantha Butler	Damaged Nervous Systems	https://butlerlab.neurobio.ucla.edu/
Dr. Manish Butte	T cells, Immunodeficiency, Atomic force microscopy, Mechanobiology	https://tcell.mimg.ucla.edu/
Dr. Michael Carey	Biochemical mechanisms of gene activation and silencing	https://www.mbi.ucla.edu/genereg
Dr. S. Thomas Charmichael	Stroke, Neurorehabilitation	https://carmichaellab.neurology.ucla.edu/
Dr. Heather Christofk	Cancer, Metabolism, Signal Transduction	https://www.christofklab.com/
Dr. Amander Clark	Stem Cell Biology and Development	https://clark.mcdb.ucla.edu/
Dr. Peter Clark	Cancer and Autoimmune Disease	http://www.theclarklab.org/contact/
Dr. Hillary Collier	Molecular basis of quiescent cells	https://collerlab.dgsom.ucla.edu/pages/

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Dr. Joseph G. Crompton	Multi-modality treatment of melanoma and soft tissue sarcoma	https://www.doximity.com/pub/joseph-crompton-md
Dr. Gay Crooks	Blood Stem cells, bone marrow transplant leukemias, immune system	http://www.crooks-lab.com/
Dr. Arjun Deb	Advanced Heart Disease	https://www.deblab.med.ucla.edu/people
Dr. Sophie Deng	Corneal tissue transplant; regenerate the cornea; restore vision	https://stemcell.ucla.edu/member/deng
Dr. Luis de la Torre-Ubieta	Human Brain Development	https://delatorre-ubietalab.dgsom.ucla.edu/pages/
Dr. Dino Di Carlo	Microfluidics, Single-Cell Analysis, Diagnostics, Cytometry	https://www.biomicrofluidics.com/
Dr. Kenneth Dorshkind	Immune System	https://bioscience.ucla.edu/people/kenneth-dorshkind/
Dr. Steven M. Dubinett	Immunobiology of lung cancer	https://bioscience.ucla.edu/people/steven-m-dubinett/
Dr. Jason Ernst	Computational Biology, Bioinformatics, Genomics, Epigenomics	https://ernstlab.biolchem.ucla.edu/
Dr. Daniel Geschwind	Population genetics, functional genomics, and bioinformatics	https://geschwindlab.dgsom.ucla.edu/pages/
Dr. Andrew Goldstein	Inflammation, epithelial progenitor cells, formation of tumors	http://www.goldsteinlabucla.com/
Dr. Brigitte Gomperts	Lung repair and regeneration	https://gompertslab.wixsite.com/gompertslab
Dr. Thomas Graeber	Developing genome-, proteome- and metabolome-wide assays	https://systems.crump.ucla.edu/

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Dr. Steven Jacobsen	Epigenetic gene regulation	https://research.mcdb.ucla.edu/Jacobsen/LabWebSite/P_Index.php
Dr. Tracy Johnson	Biochemistry; Cell Biology	https://johnsonlab.mcdb.ucla.edu/
Dr. Scott Kitchen	Immunology, Virology, Malignancy	https://www.mbi.ucla.edu/archives/faculty/scott-kitchen
Dr. Donald B. Kohn	Gene Modification of Hematopoietic stem cells	https://www.mimg.ucla.edu/kohnlab/
Dr. Harley I. Kornblum	Gene Modification of Hematopoietic stem cells	https://bioscience.ucla.edu/people/harley-kornblum/
Dr. Caroline Kuo	Immune Deficiencies globulin replacement 22q11 deletion syndrome	https://profiles.ucla.edu/caroline.kuo
Dr. Song Li	Cell & tissue engineering, cardiovascular bioengineering	https://li-lab.seas.ucla.edu/
Dr. Gerald Lipshutz	Liver Transplantation, Oncology, Pancreas Transplant	https://lipshutzlabucla.com/
Dr. William Lowry	Specification, Maintenance and Dysplasia of Epidermis	https://lowrylab.com/
Dr. Sanaz Memarzadeh	Gynecological Cancers	https://www.godiscoverylab.com/
Dr. Hanna Mikkola	Stem Cell Biology, Hematopoiesis	https://www.hmikkolalab.com/
Dr. Atsushi Nakano	Cardiogenesis, hematopoiesis, bioengineering, epigenetics	https://sites.lifesci.ucla.edu/mcdb-nakanolab2/
Dr. Bennett Novitch	Developmental Biology, Neuroscience, Stem Cell Biology	https://novitchlab.com/

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Dr. Theodore S. Nowicki	Pediatric sarcoma oncology and pediatric solid tumor oncology	https://profiles.ucla.edu/theodore.nowicki
Dr. Frank Pajonk	Cancer, Cancer stem cells, GBM, Radiation Mitigation	http://pajonklab.com/
Dr. Matteo Pellegrini	Epigenomic data; bisulfite sequencing to measure DNA methylation	https://www.pellegrini.mcdb.ucla.edu/
Dr. Yi-Rong Peng	Neuroscience, Vision, Biology, Bioinformatics	https://yirongpeng.com/
Dr. Kathrin Plath	Cell reprogramming	https://plathlab.dgsom.ucla.edu/pages/
Dr. April Pyle	Therapeutic approaches for patients with muscular dystrophy	https://aprilpylelab.com/
Dr. Pearl Quijada	Cardiovascular Development, Cardiac Remodeling	https://www.ibp.ucla.edu/faculty/pearl-quijsada/
Dr. Caius Radu	Cancer Biology	https://bioscience.ucla.edu/people/caius-g-radu/
Dr. Roxana Radu	Stargardt, Macular Degeneration, Retinoid Biochemistry, RPE cell biology	https://bioscience.ucla.edu/people/roxana-radu/
Dr. Thomas Rando	Stem cell biology, the biology of aging, regenerative medicine and degenerative diseases	https://stemcell.ucla.edu/member/rando
Dr. Dinesh Rao	Gene Regulation; microRNAs in hematologic development, immunity	https://raolab.dgsom.ucla.edu/pages/
Dr. Ranmal Samarasinghe	Epilepsy and neurophysiologic intraoperative monitoring (NIOM)	https://stemcell.ucla.edu/member/samarasinghe

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Dr. Steven Schwartz	Macular degeneration, premature retinopathy diabetic eye disease	https://stemcell.ucla.edu/member/schwartz
Dr. Christopher S. Seet	Hematologic malignancies, stem cell transplant, cellular therapy	https://profiles.ucla.edu/christopher.seet
Dr. Alcino Silva	Molecular and Cellular Cognition	http://www.silvalab.com/alcino_silva.html
Dr. Michael A. Teitell	Mechanisms of cancer formation, progression-leukemia & lymphoma	https://teitell-lab.dgsom.ucla.edu/pages/
Dr. Marlin Touma	Congenital Heart Defects; Neonatal Heart Maturation	https://bioscience.ucla.edu/people/marlin-touma/
Dr. Owen Witte	Human leukemias, immune disorders, and epithelial cancers	https://stemcell.ucla.edu/member/witte
Dr. Lili Yang	Engineer mechanisms –immune surveillance & suppression in cancer	https://www.liliyanglab.com/
Dr. Xian-Jie Yang	Molecular cellular mechanisms- vertebrate central nervous system	https://bioscience.ucla.edu/people/xian-jie-yang/
Dr. Ye Zhang	Astrocyte development in neurological and psychiatric disorders	http://www.yezhanglab.org/yezhang
Dr. S. Lawrence Zipursky	Brain Development	https://zipursky.dgsom.ucla.edu/pages/