

2023 AHA iDIVERSE and NIH T32 Joint Symposium

April 17, 2023

UCLA Neuroscience Research Building Conference Room
132, University of California, Los Angeles

April 17	
7:30 - 8:00 am	Breakfast
8:00 - 8:35 am	Welcome and Introductions <ul style="list-style-type: none">• Department Chairs and Directors Introductions• AHA iDIVERSE Team Introductions• NIH T32 And Mentor Introductions• In Memory of Members
8:35 – 10:15am	Panel 1: Convergence of Diversity, Engineering, and Medicine <ul style="list-style-type: none">• Song Li, PhD (UCLA)<ul style="list-style-type: none">○ <i>Immunoengineering for Tissue Regeneration</i>• Dale Abel, MD, PhD (UCLA)<ul style="list-style-type: none">○ <i>Diabetes and Heart Failure</i>• Zhaoping Li, MD, PhD (UCLA)<ul style="list-style-type: none">○ <i>Precision Nutrition: How can we get there?</i>• Matthew J Campen, PhD (University of New Mexico)<ul style="list-style-type: none">○ <i>When Smoke Causes Fire: Understanding the Cascade from Wildfire Smoke Inhalation to Neuroinflammation</i>
10:15 - 10:30 am	Break
10:30 – 11:45 am	Panel 1: Convergence of Diversity, Engineering, and Medicine (Continued) <ul style="list-style-type: none">• Wei Gao, PhD (Caltech)<ul style="list-style-type: none">○ <i>Skin-Interfaced Wearable Biosensors</i>• Keith Norris, MD, PhD (UCLA)<ul style="list-style-type: none">○ <i>Artificial Intelligence/Machine Learning (AI/ML) Consortium to Advance Health Equity and Researcher Diversity</i>• Lihong Wang, PhD (Caltech)<ul style="list-style-type: none">○ <i>Photoacoustic Tomography of Molecular Absorption from Organelles to Patients</i>
12:00 – 1:00 pm	Lunch
1:00 – 2:15 pm	Panel 2: Neurovascular Engineering <ul style="list-style-type: none">• Jorge Riera Diaz, PhD (Florida International University)<ul style="list-style-type: none">○ <i>Therapeutic and Reparative Neurotechnology</i>• Joshua Hutcheson, PhD (Florida International University)<ul style="list-style-type: none">○ <i>Diagnostic and Treatment Strategies for Cardiovascular Calcification</i>• Mark Chapleau, PhD (University of Iowa)<ul style="list-style-type: none">○ <i>Pathophysiology of Hypertension: Focus on Oxidative Stress, Autonomic Dysregulation (sympathovagal imbalance), and Therapies</i>

2:15 - 2:30 pm	Break
2:30 – 3:45 pm	Panel 3: Environmental Health <ul style="list-style-type: none"> • Eliseo F Castillo, PhD (University of New Mexico) <ul style="list-style-type: none"> ○ <i>Resetting the GI tract in metabolic diseases</i> • Julie In, PhD (University of Mexico) <ul style="list-style-type: none"> ○ <i>Heavy Metal Laden Particulate Dust Disrupts Intestinal Epithelial Proliferation and Differentiation.</i> • Jesus Araujo, MD, MSC, PhD (UCLA) <ul style="list-style-type: none"> ○ <i>Gut Microbiome and a GI-Vascular Pathway of Cardiometabolic Toxicity</i>
3:45 – 4:00 pm	Break
4:00 - 4:30 pm	Poster Session

