10:05am  METABOLISM OF AGING AND CANCER AND METABOLISM  
Theme Lead: Orian Shirihai, Chair and Professor, Endocrinology, Diabetes and Hypertension  
Ming Guo, Professor, Neurology, Molecular and Medical Pharmacology  
Anthony Covarrubias, Assistant Professor, Microbiology, Immunology and Molecular Genetics  
David Shackleford, Associate Professor, Pulmonary and Critical Care Medicine

11:10am  NEUROSCIENCE BREAKTHROUGHS: FROM MOLECULES TO PATIENTS  
Theme Lead: S. Lawrence Zipursky, Professor, Biological Chemistry  
Molecules: Drug Receptor Structures  
Hong Zhou, Professor, Microbiology, Immunology, and Molecular Genetics  
Cells: Human Organoids  
Aparna Bhaduri, Assistant Professor, Biological Chemistry  
Circuits: Brain Maps and Circuits  
Hongwei Dong, Professor, Neurobiology  
Behavior: Social Interactions  
Weizhe Hong, Associate Professor, Biological Chemistry and Neurobiology  
Computation: Decision Making  
Anne Churchland, Professor, Neurobiology  
Disease: Aging and Neurodegeneration  
Ming Guo, Professor, Neurology, Molecular and Medical Pharmacology

2:50pm  BREAK/NETWORKING

3:00pm  PRECISION HEALTH  
Theme Leads:  
Daniel Geschwind, Distinguished Professor, Neurology, Psychiatry and Human Genetics; Senior Associate Dean and Associate Vice Chancellor, Precision Health  
Clara Lajonchere, Deputy Director, UCLA Institute for Precision Health; Co-Director, Clinical Neurogenomics Research Center  
Moderator: Clara Lajonchere  
UCLA ATLAS Community Health Initiative and Successful Biopharma Collaborations  
Daniel Geschwind  
California Center for Rare Diseases  
Stanley Nelson, Professor and Vice Chair, Human Genetics; Professor, Psychiatry  
Health Record Research  
Bogdan Pasaniuc, Associate Professor, Pathology and Laboratory Medicine, Human Genetics, Computational Medicine  
The UCLA Center for Smart Health  
Alex Bui, Professor of Radiological Sciences, Bioengineering, and Bioinformatics; Director of the UCLA Medical & Imaging Informatics  
Drug Discovery for Neurodegeneration Using Big Data  
Daniel Geschwind

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10:05am THE GLOBAL REACH OF I3T RESEARCH: INNOVATION FOR CURRENT AND EMERGING INFECTIONS
Theme Lead: Gay Crooks, Director, UCLA I3T - Immunology, Inflammation, Infection and Transplantation Research
International Study of Zika Virus and COVID-19
Karin Nielsen, Professor of Pediatrics, Division of Infectious Diseases
Collaborating for COVID-19 Research
Vaithilingaraja Arumugaswami, Adjunct Associate Professor, Molecular and Medical Pharmacology
Enterovirus Novel Compound
Paul Krogstad, Professor, Department of Pediatrics and Department of Molecular and Medical Pharmacology

11:10am CARDIOVASCULAR INNOVATION
Theme Lead: Arjun Deb, Director, Cardiovascular Engineering Research Laboratory, SEAS
Tzung Hsiai, Professor of Medicine and Bioengineering; Program Director, NIH Caltech/UCLA Cardiovascular Engineering Training Program; Cady Maud Guthman Endowed Term Chair in Cardiology
Ali Nsair, Director, Heart Transplantation and Mechanical Circulatory Support Program
Jake Lusis, Professor, Medicine, Human Genetics, Microbiology, Immunology & Molecular Genetics
Thomas Vallim, Associate Professor, Departments of Medicine/Cardiology and Biological Chemistry; Director, Gene Regulation, Epigenomics and Transcriptomics (GREAT) Home Area
Elizabeth Tarling, Associate Professor, Cardiology
Thomas Vondriska, Professor of Anesthesiology, Medicine and Physiology; Vice Chair for Research and Director of Division of Molecular Medicine, Anesthesiology
René Packard, Assistant Professor, Medicine and Physiology

PANEL DISCUSSION
Arjun Deb, Tzung Hsiai, Jake Lusis, Ali Nsair, Rene Packard, Elizabeth Tarling, Thomas Vallim and Thomas Vondriska

12:45pm LUNCH/NETWORKING

1:45pm CANCER: IMMUNO-ONCOLOGY
Theme Lead: Michael Teitell, Professor, Departments of Pathology and Laboratory Medicine; Latta Endowed Chair in Pathology; Director, UCLA Jonsson Comprehensive Cancer Center; President, UCLA Jonsson Cancer Center Foundation
Overview of the UCLA Jonsson Comprehensive Cancer Center, Commercial Activities and Past Successes
Michael Teitell
Company Creation as Integral Part of Academic Research
Antoni Ribas, Professor, Medicine, Surgery & Molecular and Medical Pharmacology; Director of the Tumor Immunology Research Program; UCLA Jonsson Comprehensive Cancer Center; Director of the Parker Institute for Cancer Immunotherapy at UCLA
Stem Cell-Engineered Off-The-Shelf iNKT Cells for Cancer Immunotherapy
Lili Yang, Associate Professor, Microbiology, Immunology & Molecular Genetics; Member, Tumor Immunology Research Program; UCLA Jonsson Comprehensive Cancer Center; Member, Eli & Edythe Broad Center for Regenerative Medicine & Stem Cell Research
Current Progress, Emerging Opportunities, and Challenges in Immuno-Oncology and Immunotherapy
Moderator:
Gay Crooks, Professor and Rebecca Smith Endowed Chair, Department of Pathology and Laboratory Medicine; Director, UCLA Jonsson Comprehensive Cancer Center and Stem Cell Biology Program Area; Co-Director, Eli & Edythe Broad Center for Regenerative Medicine & Stem Cell Research
Panelists:
Theodore Nowicki, Clinical Instructor, Pediatrics, Hematology/Oncology; Member, Tumor Immunology Research Program, UCLA Jonsson Comprehensive Cancer Center
Cristina Puig-Saus, Assistant Professor, Medicine, Hematology/Oncology; Member, Tumor Immunology Research Program, UCLA Jonsson Comprehensive Cancer Center
Caius Radu, Professor, Molecular & Medical Pharmacology; Co-Director, Cancer Molecular Imaging, Nanotechnology and Theranostics Research Program, UCLA Jonsson Comprehensive Cancer Center; Member, Ahmanson Translational Imaging Division
Antoni Ribas, Professor, Medicine; Surgery; Molecular and Medical Pharmacology; Director, Tumor Immunology Program, UCLA Jonsson Comprehensive Cancer Center; Chair, Melanoma Committee, SWOG
Lili Yang, Associate Professor, Microbiology, Immunology and Molecular Genetics; Member, UCLA Jonsson Comprehensive Cancer Center
Closing Remarks: Gay Crooks

Continued
3:15pm  BREAK/NETWORKING

3:30pm  REGENERATIVE MEDICINE
Scientists in the Regenerative Medicine Theme session will highlight successes in translating basic stem cell biology into therapeutics, either directly as cellular therapies or indirectly using stem cell-based models of disease for drug screening.

Theme Lead: Thomas Rando, Director, Eli and Edythe Broad Center of Regenerative Medicine and Stem Cell Research
April Pyle, Professor and Vice Chair, Department of Microbiology, Immunology and Molecular Genetics
Arjun Deb, Professor, Cardiology; Molecular, Cell and Developmental Biology; Director, UCLA Cardiovascular Medicine Research Theme
Bill Lowry, Associate Director of Education and Technology Transfer, UCLA Broad Stem Cell Research Center; Professor, Molecular, Cell and Developmental Biology
Lili Yang, Associate Professor, Microbiology, Immunology & Molecular Genetics
Brigitte Gomperts, Associate Director, Translational Research, UCLA Broad Stem Cell Research Center; Professor, Pediatrics; Pulmonary Medicine

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