



# Agenda: CTMCT Annual Retreat 2026

## Date and Time

**Friday, January 23, 2026**  
8:00 am - 5:00 pm



## Location

**William J Rutter  
Conference Center**



Topic/Speaker	Start Time	Duration
<b>Light Breakfast and Coffee</b>	8:00 am	30 Minutes
<b><u>Welcome</u></b> <b>Shibani Pati</b> MD PhD, Director of Center for Research in Transfusion Medicine and Cell Therapies, UCSF <b>Arun Wiita</b> MD PhD, CTMCT Oncology Program Leader Distinguished Professor and Interim Chair, UCSF	8:30 am	15 Minutes
<b><u>Bacterial Pneumonia in Mice: New Insights into Pathogenesis and Treatments</u></b> <b>Michael Matthay</b> MD, Associate Director, Critical Care Medicine Professor, Medicine and Anesthesia, UCSF	8:45 am	15 Minutes
<b><u>Placenta MSC-EVs for Newborn Brain Injury</u></b> <b>Emin Maltepe</b> MD PhD, Professor, Department of Pediatrics and Neonatology, Laboratory Medicine, and Developmental & Stem Cell Biology, UCSF	9:00 am	15 Minutes
<b><u>Deploying a genome-wide CRISPR screen to better understand and enhance erythropoiesis</u></b> <b>Kyle Cromer</b> PhD, Assistant Professor, Department of Surgery, UCSF	9:15 am	15 Minutes
<b><u>Designer fat: a genome-engineered stem cell therapy for osteoarthritis</u></b> <b>Kelsey Collins</b> PhD, Assistant Professor and Principal Investigator, <a href="#">UCSF Laboratory for Musculoskeletal Crosstalk</a> , UCSF Assistant Professor, Orthopaedic Surgery, UCSF	9:30 am	15 Minutes
<b><u>Engineering stem cells and extracellular vesicles for targeted delivery and therapy</u></b> <b>Aijun Wang</b> MD PhD, Professor and Vice Chair, Departments of Surgery and Biomedical Engineering, UC Davis Co-director, Center for Surgical Bioengineering, UC Davis	9:45 am	15 Minutes
<b><u>Developing and Manufacturing Next Generation Cell and Gene Therapies at UCSF</u></b> <b>Brian Shy</b> MD PhD, Assistant Professor, Department of Laboratory Medicine, UCSF Director, Human Islet and Cellular Transplantation GMP Facility, UCSF	10:00 am	15 Minutes



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<b><u>Pediatric CRISPR CURES and Cell Therapies- Baby Muldoon</u></b> <b>Petros Giannikopoulos</b> MD, Principal Investigator and Director, Interventional Genomics Unit Co-founder & Head of Science, Need Assistant Adjunct Professor, Laboratory Medicine, UCSF	10:15 am	15 Minutes
<b>Coffee Break</b>	10:30 am	15 Minutes
<b><u>RNA metagenomic classifiers for host response-based diagnosis of neurologic illness</u></b> <b>Charles Chiu</b> MD PhD, Professor, Laboratory Medicine, UCSF Co-Director, Clinical Microbiology Laboratory, UCSF	10:45 am	15 Minutes
<b><u>Impact of Pathogen Inactivation on the DNA Cargo and Inflammatory Profile of Platelets</u></b> <b>Satish Pillai</b> PhD, Professor, Laboratory Medicine, UCSF Senior Investigator, Viral Pathogenesis, Vitalant Research Institute	11:00 am	15 Minutes
<b><u>PRP Knee Osteoarthritis Biomarker Exploration - Updates and Progress from 2025</u></b> <b>Anthony Luke</b> MD MPH, Professor, Department of Orthopaedic Surgery, UCSF Director, Human Performance Center, UCSF	11:15 am	15 Minutes
<b><u>Emergency granulopoiesis in the spleen</u></b> <b>Mark Looney</b> MD, Professor, Medicine and Laboratory Medicine, UCSF Attending Physician, Pulmonary Consult Service and ICU, UCSF	11:30 am	15 Minutes
<b><u>Blood-based approaches to rejuvenate the aging brain</u></b> <b>Saul Villeda</b> PhD, Associate Professor, Department of Anatomy, UCSF Associate Director, Bakar Aging Research Institute, UCSF	11:45 am	15 Minutes
<b><u>Trauma Inflammation: To Infinity and Beyond</u></b> <b>Joe Cuschieri</b> MD FACS, Professor and Chief of Surgery, Zuckerberg San Francisco General Hospital Trauma Medical Director & Professor, Surgery and Laboratory medicine, UCSF	12:00 pm	15 Minutes



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<b><u>Archetypal Immune Organization as a Framework for Understanding Maladaptive Immune Responses</u></b> <b>Alexis Combes</b> PhD, Assistant Professor, Pathology, UCSF Stuart Lindsay Endowed Professor in Experimental Pathology II	12:15 pm	15 Minutes
<b>Lunch</b>	12:30 pm	45 Minutes
<b>Scientific Advisory Board (SAB) Introductions and Panel</b>  <b>Kenneth Bertram</b> MD PhD, COL US Army (Ret) COO AFIRM, Adjunct Professor Lab Medicine UCSF, Director CTMCT SAB  <b>Scientific Advisory Board (SAB)</b> <ul style="list-style-type: none"> <li>• Victor Baum MD FDA (Ret) Former Lead Physician, Division of Blood Components and Devices CBER, FDA</li> <li>• Kenneth Bertram MD PhD, COL US Army (Ret) COO AFIRM, Adjunct Professor Lab Medicine UCSF, Director CTMCT SAB</li> <li>• Greg Bonfiglio, Managing Partner Proteus LLC</li> <li>• Michael Busch MD PhD, Professor of Lab Medicine UCSF, Director Emeritus, Vitalant Research Institute</li> <li>• Charles S. Cox Jr. MD, Professor of Pediatric Surgery, Director Pediatric Program in Regenerative Medicine UT Houston</li> <li>• John Holcomb MD COL US Army (Ret), Professor of Surgery, Univ. Alabama</li> <li>• Clifford Lowell MD PhD, Professor of Lab Medicine UCSF</li> <li>• Lester Martinez Lopez MD, General US Army (Ret), Former Asst. Sec. of Defense for Health</li> <li>• Chris Mason MD, PhD, FRSB, FRCS, FMedSci, Professor Cell and Gene Therapy University College</li> <li>• Jan Nolte PhD, Professor and Director Stem Cell and Gene Therapy Program UC Davis</li> <li>• Philip Norris MD, Professor of Lab Medicine UCSF, Vitalant Research Institute</li> <li>• Beth Shaz MD, Professor and Director Marcus Center for Cellular Cures, Duke University</li> <li>• Phil Vanek, CTO Gamma Biosciences, ISCT Chief Commercialization Officer</li> <li>• Pampee Young MD PhD, Medical Director US RedCross</li> </ul>	1:15 pm	60 Minutes



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<p><b>Innovation and Commercialization Council (ICC) Introductions and Panel</b></p> <p><b>Shibani Pati</b> MD PhD, Director of Center for Research in Transfusion Medicine and Cell Therapies, UCSF</p> <p><b>Innovation and Commercialization Council (ICC)</b></p> <ul style="list-style-type: none"><li>• Obi Greenman, CEO Cerus Corp.</li><li>• Adam Gerber MD PhD, Medical Director Octapharma USA</li><li>• Andre Cap MD PhD, CSO Velico Inc.</li><li>• Vijayan Nair PhD, Senior Director Special Projects Octapharma USA</li><li>• Taryn Rose MD, DARPA Consultant</li><li>• Jessica Kenyon, Conafay Group, CEO The Conafay Group</li><li>• Mike Fitzpatrick PhD, CSO Cellphire Inc.</li><li>• Donna Chang, CEO Hope Biosciences</li><li>• Zachary Rapp MA, CEO Sigma Genetics</li><li>• Brett Janis PhD, CEO DesiCorp Inc</li><li>• Lauren Palestrini PhD, CSO MTEC Medical Technology Enterprise Consortium/DOD</li></ul>	2:15 pm	60 Minutes
<b>Poster Session with Coffee</b>	3:15 pm	75 Minutes
<b>Closing</b>	4:30 pm	-