

Regenerative Nephrology and Kidney Transplantation Conference 2024

June 13-15, 2024

JW Marriot Bonnet Creek – Orlando, FL

WIFI username:

WIFI password:

Thursday June 13	
1:45 PM	Welcome and Introduction <i>Moderator: LaTonya Hickson, MD</i>
Regenerative Medicine 101	
2:00 PM	Basic Principles of Regenerative Nephrology <i>Matthew Griffin, MB, BCh, MAO</i>
2:20 PM	Inflammation and Fibrosis in Kidney Disease <i>Aleksandar Denic, MD, PhD</i>
2:40 PM	Future of Regenerative Medicine <i>Jennifer Westendorf, PhD</i>
3:00 PM	Audience and Panel Round Table Discussion
3:15 PM	Break
From Bench to Bed to Market	
3:30 PM	Optimizing Chances of Clinic Trial Success with Novel Therapies <i>Eduardo Chini, MD</i>
3:50 PM	FDA Insights: Cellular and Gene Therapy Products <i>TBD FDA Speaker</i>
4:10 PM	Getting to Phase 3 Clinical Trials: Renal Autologous Cell Therapy for Chronic Kidney Disease <i>Joseph Stavas, MD, MPH (Non-CME)</i>
4:30 PM	NIH Funding: Regenerative Medicine Innovation Project <i>Ivonne Schulman, M.D.</i>
4:50 PM	Audience and Panel Round Table Discussion
5:05 PM	Break
Addressing Sex, Race, and Other Influences in Kidney Disease & Transplantation	
5:15 PM	Enhancing Diversity in Clinical Trials for CKD <i>Ivan Porter, MD</i>
5:35 PM	Racial and Sex-Based Differences in Kidney Disease, Donors & Transplantation <i>Rose Mary Attieh, MD</i>
6:15 PM	Audience and Panel Round Table Discussion
6:30 PM	Adjourn
6:30 – 7:30 PM	Welcome Reception (Non-CME)

To ask questions join at:

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Friday June 14	
7:00 AM	Breakfast
7:30 AM	Welcome <i>Moderator: Shennen Mao, MD</i>
Mayo Clinic Regenerative Medicine Overview	
7:40 AM	Overview of Center for Regenerative Biotherapeutics & Rochester Regenerative Medicine <i>Julie Allickson, PhD</i>
8:00 AM	Mayo Clinic Arizona Regenerative Biotherapeutics <i>David Lott, MD</i>
8:10 AM	The Biomanufacturing Ecosystem of Mayo Clinic Center for Regenerative Biotherapeutics in Florida <i>Wenchun Qu, MD, PhD</i>
8:20 AM	Mayo Clinic Regenerative Sciences PhD Program <i>Isobel Scarisbrick, PhD</i>
8:30 AM	Audience and Panel Round Table Discussion
8:45 AM	Break
Chronic Kidney Disease	
9:20 AM	Gene Therapy for Inherited Kidney Disease <i>Vishal Patel, MD (UT Southwestern)</i>
9:40 AM	Cell-Based Therapy for Lupus Nephritis <i>Gary Gilkeson, MD</i>
10:00 AM	Endogenous renal stem cells as potential treatment for CKD <i>Benjamin Dekel (Israel)</i>
10:20 AM	Audience and Panel Round Table Discussion
10:35 AM	Poster Presentations (Non-CME)
11:00 AM	Break
Kidney Transplantation Recipient Interventions	
11:10 AM	Overview of Organ Scarcity <i>Shennen Mao, MD</i>
11:15 AM	Unlocking New Frontiers in Transplantation with CAR-T Therapy <i>Tambi Jarmi, MD</i>
11:35 AM	Novel Ex-Vivo Treg Expansion Methods <i>Nikolaos Skartsis, MD</i>
11:55 AM	Liver Cells a Potential Tool for Improved Kidney Allograft Function <i>Timucin Taner, MD</i>
12:15 PM	Mitochondrial Transplantation <i>Benedetta Bussolati, MD, PhD</i>
12:35 PM	Audience and Panel Round Table Discussion
12:50 PM	Lunch
Hypertension and Vascular Injury in CKD	
1:30 PM	Cell-Based Therapy in Renovascular Disease <i>Lilach Lerman, M.D., Ph.D.</i>
1:50 PM	Regenerative Approaches to the Arteriovenous Fistula Access <i>Sanjay Misra, M.D.</i>
2:10 PM	Cardiac Surgery-Associated Acute Kidney Injury (MSC and MSC-Exosomes)

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	<i>Christof Westenfelder, M.D.</i>
2:30 PM	Scattered Tubular-like Cells <i>Alfonso Eirin Massat, MD</i>
2:50 PM	Audience and Panel Round Table Discussion
3:05 PM	Adjourn

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Saturday June 15	
7:00 AM	Breakfast
7:30 AM	Welcome <i>Moderator: LaTonya Hickson, MD</i>
Biomanufacturing and Regulatory Oversight	
7:40 AM	Bioreactors for MSC (and EV) Expansion <i>Nisha Durand, PhD</i>
8:00 AM	Extracellular Vesicle Technology for Regenerative Therapy <i>Benedetta Bussolati, MD, PhD</i>
8:20 AM	Navigating Regulatory Approval Process for Cell-Based Therapies in the US <i>Cynthia Wilkins, PhD</i>
8:40 AM	Audience and Panel Round Table Discussion
8:55 AM	Break
Diabetic Kidney Disease	
9:10 AM	Allogeneic Stromal Cell Therapy for Progressive Chronic Kidney Diseases in Type 2 Diabetes: Lessons from the NEPHSTROM Trial <i>Matthew Griffin, MB, BCh, MAO</i>
9:30 AM	Diabetic Kidney Disease (Mesenchymal Stem Cells and Extracellular Vesicles) <i>LaTonya Hickson, MD</i>
9:50 AM	Audience and Panel Round Table Discussion
10:05 AM	Break
Novel Therapies	
10:20 AM	Regeneration of Kidney Microcirculation by Delivery of Growth Factors <i>Alejandro Chade, MD (U of Missouri)</i>
10:40 AM	Aqp2⁺ Progenitor Cells <i>Wenzheng Zhang, Ph.D.</i>
11:00 AM	Human Ureteric Bud Organoids and Derived Principal and Intercalated Cells <i>Joseph Bonventre, MD, PhD</i>
11:20 AM	Audience and Panel Round Table Discussion
11:35 PM	Lunch
Novel Strategies for Kidney Transplant	
12:15 PM	Next Generation Cell-Based Therapies: Secretome in a bottle, on a Shelf, and Treating Organs <i>Keith March, M.D., Ph.D.</i>
12:35 PM	Non-perfusion Kidney Allograft Therapy <i>Shennen Mao, M.D.</i>
12:55 PM	Ex Vivo Preservation of Expanded Criteria Donor Kidneys and the Potential of Extracellular Vesicle-based Therapeutics <i>Phil Campbell, Ph.D.</i>
1:15 PM	Porcine kidneys as a source of ECM scaffold for kidney regeneration <i>Derrick Dean, PhD (Alabama State)</i>
1:35 PM	Audience and Panel Round Table Discussion
1:50 PM	Closing/Adjourn

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