

**AGENDA FOR ANNUAL MMPC-LIVE MEETING
JUNE 11-12, 2025**

Homewood Suites
2400 West End Avenue
Nashville, TN 37203

Virtual Zoom link:

Join Zoom Meeting

<https://vanderbilt.zoom.us/j/99758041842?pwd=8vECNWmRHsqPjYb5RI0KOlgAe0fcz6.1>

View meeting insights with Zoom AI Companion

<https://vanderbilt.zoom.us/launch/edl?muid=7a832925-bae5-4ec0-b3e9-fde049d9a34a>

Meeting ID: 997 5804 1842

Passcode: 794889

Day 1 – Wednesday, June 11 (all times are Central Time)

8:30 – 8:45 **Welcome** – Julio Ayala (Vanderbilt MMPC-Live)

8:45 – 9:00 **Opening Remarks** – Nancy Carrasco (Chair of Molecular Physiology & Biophysics, Vanderbilt University)

9:00 – 9:15 **Meeting Overview** – Julio Ayala (Vanderbilt MMPC-Live)

9:15 – 9:30 **Update from NIH** – Chris Lynch (NIDDK – *via Zoom*)

9:30 – 12:30 **Center Reports** (20 min updates/10 min Q&A)
Please give a brief update on your center operations, focusing on any new/emerging services and how your center plays a key role within the consortium and for the scientific community

Augusta	9:30-10:00
UC Davis	10:05-10:35
Michigan	10:40-11:10
Yale	11:15-11:45
Vanderbilt	11:50-12:20

12:30 – 1:30 **Lunch**

1:45 – 2:45 **Research Presentation**
Stable Isotopes and the Quest for Cell Longevity and Metabolic Compartmentation – Rafael Arrojo e Drigo (Vanderbilt University, Department of Molecular Physiology & Biophysics)

2:45 – 3:00 **Break**



- 3:00 – 5:00 **Brainstorming Session** – Julio Ayala (Vanderbilt MMPC-Live)
Preparation for longer discussion on mid-cycle review
- Working groups – What do we need/not need?
 - Database – Is it being used? Are there ways to improve/leverage?
 - Website – Are updates needed to make it more accessible?
 - Outreach – How can we expand the user base?
- 6:00 **Dinner and Evening Activities**
Peg Leg Porker (903 Gleaves St, Nashville, TN 37203)

Day 2 – Thursday, June 12

- 9:00 – 9:15 **Opening Remarks** – Dr. C. Cybele Raver (Vanderbilt University Provost)
- 9:15 – 10:00 **Mid-cycle Review Presentation** – Kent Lloyd (UC Davis MMPC-Live)
- 10:00 – 10:15 **Break**
- 10:15 – 11:15 **Research Presentation**
Exploring (Patho)Physiology through the Lens of Metabolic Flux: The Liver, Kidney, and Beyond – Clint Hasenour (Vanderbilt University, School of Engineering)
- 11:15 – 12:30 **Open Discussion: Future of MMPC** – Julio Ayala (Vanderbilt MMPC-Live)
SWOT Analysis in preparation for mid-cycle review
- Strengths
 - Weaknesses
 - Opportunities
 - Threats
- 12:30 – 1:30 **Lunch**
- 1:30 – 1:45 **Closing Remarks and Adjourn** – Julio Ayala (Vanderbilt MMPC-Live)
- 2:30 **Tour of VMMPC (Optional)**

ATTENDEES

MMPC-Live

Vanderbilt

Julio E. Ayala, PhD – Director
Louise Lantier, PhD – Associate Director
Eann Malabanan – Administrative Core
Caitlin Peters – Administrative Core
Nick Tataryn, DVM – Animal Health and Wellness Core

Augusta University

Rick McIndoe, PhD – Director
Ashok Sharma, PhD – Associate Director, Center for Biotechnology and Genomic Medicine

UC Davis

Kent Lloyd, DVM, PhD – Director
Dan Port – Outreach (*Virtual*)

University of Michigan

Carol Elias, PhD – Director
Nathan Qi, MD, PhD – Associate Director
Corinne Truttmann – Administrative Core

Yale University

Gerald Shulman, MD, PhD – Director (*Virtual*)
Rachel Perry, PhD – Associate Director

NIDDK (*Virtual*)

Christopher Lynch, PhD – Program Director, Diabetes Research Centers and Mouse Metabolic Phenotyping Center- Live
Raj Basu, PhD – Program Director, Division of Diabetes, Endocrinology, & Metabolic Diseases
Maren Laughlin, PhD – Co-Director, Office of Obesity Research

Invited Speakers

Nancy Carrasco MD – Chair, Department of Molecular Physiology & Biophysics, Vanderbilt University School of Medicine
C. Cybele Raver, PhD – Provost, Vanderbilt University
Rafael Arrojo e Drigo, PhD – Assistant Professor, Department of Molecular Physiology & Biophysics, Vanderbilt University School of Medicine
Clint Hasenour, PhD – Research Assistant Professor, Department of Engineering, Vanderbilt University