



Chinese American Diabetes Association
北美华人糖尿病学会

THE 17th ANNUAL MEETING PROGRAM

June 2 - 5, 2026
Hyatt Centric French Quarter
New Orleans, LA

WELCOME MESSAGE



Dear CADA Family,

Welcome to the 17th CADA Annual Meeting!

It is wonderful to see our CADA community come together again this year. Since its founding in 2004, CADA has grown into a strong and vibrant international network built on a shared commitment to scientific excellence, mentorship, and collaboration.

Our annual meeting is always a special opportunity to reconnect with colleagues and friends, share new ideas, celebrate each other's accomplishments, and support the next generation of scientists. What makes CADA so meaningful is not only the science but also the sense of community we have built together over the years.

As we gather this year, we can take pride in how far CADA has come, and in the many ways our members continue to contribute to research, education, and leadership. This past year, we again faced global challenges that continue to reshape the landscape of science and medicine. This meeting is a reminder of the importance of staying connected, supporting one another, and continuing to grow together.

On behalf of the CADA Board, I am honored to welcome you to this year's meeting. Thank you for being part of this community and for helping make CADA such a supportive and inspiring organization.

Sincerely,

Qiong Annabel Wang, PhD

President, CADA

Organized by Chinese American Diabetes Association

<https://www.gocada.org>

@CADA_diabetes

Keynote Speakers



Franck Mauvais-Jarvis, MD, PhD

Professor of Medicine in the Section of Endocrinology and Metabolism
Director of Tulane Center of Excellence in Sex-Based Precision Medicine
Tulane University School of Medicine



Xiaoying Li, MD, PhD

Chief and Professor of the Department of Endocrinology
Director of the Obesity and Fatty Liver Diagnosis and Treatment Center
Zhongshan Hospital, Fudan University

Special Thanks to Our Sponsors



Agenda At-A-Glance

	6/2, Tuesday		6/3, Wednesday		6/4, Thursday		6/5, Friday	
Morning			Breakfast (7-8am)		Breakfast (7-8am)		Breakfast (7-8am)	
			Opening Remarks (8-8:05am)		Keynote Presentation by Franck Mauvais-Jarvis (8-8:40am)		Keynote Presentation by Xiaoying Li (8-8:40am)	
			Young Investigator Award (8:05-8:35am)		Clinical Diabetes & Therapeutics (8:40-9:45am)		Achievement Award (8:40-9:10am)	
			Excellence in Research Award (8:35-9:05am)				Election Results (9:10-9:20am)	
			Sponsor Talk (9:05-9:45)				Awards & Raffles (9:20-9:40am)	
			Coffee Break (9:45-10:15am)		Coffee Break (9:45-10:15am)		Meeting Adjourn	
Islet Biology & Diabetes (10:15am-12:25pm)		Adipose & Lipid Metabolism (10:15am-12:05pm)						
Group Picture & Lunch (12:25-1:30pm)		Lunch & Roundtable (12:05-1:30pm)						
Check-in & Registration (2-8pm)		Hepatic Lipid Metabolism (1:30-3:30pm)				Cellular & Integrative Metabolism (1:30-3pm)		
		Coffee Break (3:30-4pm)				Board Report & Election (3-3:30pm)		
		Coffee Break (3:30-4pm)				Coffee Break (3:30-4pm)		
AI & Technology (4-6pm)		Hot Topics (4-6pm)				ACRE Session (4-6pm)		Inflammation & GI (4-6pm)
Brain-Body Axis (4-6pm)		Liver Health & Disease (4-6pm)						
Evening		Welcome Reception (6-8pm)				Group Dinner (6:30-9pm)		On your own Dinner

Scan to Upload Your Presentations

Canal Room



<https://forms.gle/YdhGneP6URkh4z9A9>

Lafitte Room



<https://forms.gle/6Q4f2F4Ufj9cbVx58>

Tuesday, June 2nd

2:00pm-8:00pm **Check-in & Registration** (Canal Foyer)

6:00pm-8:00pm **Welcome Reception** (Garden Backyard)



AI and Technology in Diabetes Research

Canal Room

Moderators: Yan Li & Xiao Wang

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- | | |
|---------------|--|
| 4:00pm-4:30pm | Featured Talk: Engineering CRISPR Systems for Precision Therapeutics and Molecular Innovation.
Xue Sherry Gao , University of Pennsylvania |
| 4:30pm-4:50pm | Clinical Trait-Driven Human Digital Disease Model for Predictive Gene Perturbation and Therapeutic Prioritization in Diabetes.
Jianli Zhao , University of Alabama at Birmingham |
| 4:50pm-5:10pm | A Rapid Platform for Developing CRISPR Gene-Editing Therapies for Hepatic Inborn Errors of Metabolism.
Xiao Wang , University of Pennsylvania |
| 5:10pm-5:30pm | Protein Biophysics and Enzyme Engineering: Bridging Fundamental Mechanisms with Biomedical Applications.
Shuaihua Gao , Tulane University |
| 5:30pm-5:40pm | From Rhythm to Remedy: Genetic Variation Shapes Rhythmic Gene Expression and Enables Precision Chronotherapy.
Ying Chen , Baylor College of Medicine |
| 5:40pm-5:50pm | Unraveling Human Conduction System Development Using Fetal Heart and SAN-Paced Mini-Heart Models.
Jiajun Zhu , Weill Cornell Medicine |
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Hot Topics in Metabolism

Lafitte Room

Moderators: Shangang Zhao & Hannah Hui

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- 4:00pm-4:10pm pH-Responsive Porous Pollen Hydrogel for Oral Tirzepatide Delivery to Improve Glycemic Control and Insulin Sensitivity.
Ji Sun, Southeast University
- 4:10pm-4:20pm Acute hormonal signaling reorganizes 3D chromatin interactions in adipocyte thermogenesis.
Yang Zhang, Joslin Diabetes Center, Harvard Medical School
- 4:20pm-4:30pm Palmitic acid orchestrates metabolic dysfunction by impairing ICOS^{hi} Treg-mediated immunosuppression in visceral adipose tissue.
Weitong Su, Shanghai Institute of Nutrition and Health
- 4:30pm-4:40pm Genetics-nutrition interactions control diurnal enhancer-promoter dynamics and liver lipid metabolism.
Dishu Zhou, Baylor College of Medicine
- 4:40pm-4:50pm Hepatic SIRT3 Restrains MASH-Associated Hepatocarcinogenesis through the Regulation of Choline-Betaine Metabolism.
Qixiu Hou, The University of Texas Health Science Center at Houston
- 4:50pm-5:00pm ER quality control selectively regulates integrin assembly to enable cellular mechanotransduction.
Xiaoqiong Wei, University of Virginia
- 5:00pm-5:10pm Non-enzymatic ABHD6 interacts with Akt-FoxO1 axis to regulate selective hepatic insulin resistance.
Guannan Li, University of Texas Health Science Center at San Antonio
- 5:10pm-5:20pm BNIP3-Mediated Mitophagy Regulates β -Cell Identity and Immunogenicity in Type 1 Diabetes.
Geming Lu, City of Hope
- 5:20pm-5:30pm Contrasting roles of PVH CRH neuron neurotransmission in diet-induced obesity.
Yunhan Cao, The University of Texas Health Science Center at Houston
- 5:30pm-5:40pm Reprogramming Metabolic Flexibility in the Aging Liver: The Role of the Mitochondrial Pyruvate Carrier in Age-Related MASH.
Fangfang Zeng, University of Texas Health San Antonio
- 5:40pm-5:50pm CLN5 modules endosomal-lysosomal trafficking to regulate metabolic health.
Jiyuan Yin, UT Health San Antonio
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Wednesday, June 3rd

7:00am-8:00am **Breakfast**
Canal Foyer

Canal Room

8:00am-
8:05am **Opening remarks**
Qiong Annabel Wang, CADA President

8:05am-
8:35am **Young Investigator Award Presentation**
Introduction: Xiaoyong Yang
Circadian biology and exercise.
Mindian Li, Southwest Hospital

8:35am-
9:05am **Excellence in Research Award Presentation**
Introduction: Hai-Bin Ruan
The Noncanonical Role of IgG.
Li Qiang, Peking University

Sponsor Talk

Canal Room

Moderator: Zhiping Pang

9:05am-9:15am **Innogen Pharmaceuticals**

9:15am-9:25am **GenuIN Biotech**

9:25am-9:35am **GemPharmatech**

9:35am-9:45am **MedChemExpress**

9:45am-10:15am **Coffee Break**
Canal Foyer

Islet Biology and Diabetes

Canal Room

Moderators: Yingfeng Deng & Hongju Wu

10:15am-10:45am	Featured Talk: Human Pluripotent Stem Cell–Derived Organoids for Modeling Diabetes. Shuibing Chen , Weill Cornell Medical College
10:45am-11:05am	Revisit the role of UPR Transducer Xbp1 in Diabetes with A New model. Yingfeng Deng , City of Hope
11:05am-11:25am	A Novel Bioactive Small Molecule with Dual Anti-Obesity and Anti-Diabetic Activity. Dongmin Liu , Virginia Tech
11:25am-11:45am	Extracellular Vesicles from Alpha-1 Antitrypsin Overexpressing Mesenchymal Stromal Cells Improve Function of Islets in a Murine Syngeneic Islet Transplantation Model. Hongjun Wang , Medical University of South Carolina
11:45am-12:05pm	Molecular Pathways Underlying Sex Differences in ER Stress Response in Human Beta Cells. Julia Wang , Florida State University
12:05pm-12:25pm	Chromatin Remodeling Checkpoints of β -Cell Dysfunction in Type 2 Diabetes. Zhuoxian Meng , Zhejiang University

12:25pm-12:30pm **Group Picture**

12:30pm-1:30pm **Lunch**
Canal Room

Hepatic Lipid Metabolism

Canal Room

Moderators: Bingning Dong & Ling Yang

1:30pm-2:00pm	Featured Talk: Cellular heterogeneity and reprogramming of the liver microenvironment in MASH. Jiandie Lin , University of Michigan
2:00pm-2:20pm	Cytosolic Fumarate Hydratase Promotes Starvation-induced Lipophagy to Protect against Hepatic Steatosis. Jia Li , Shanghai Institute of Materia Medica
2:20pm-2:40pm	Hepatocyte AGPAT2 Produces Diacylglycerol to Maintain ER Phosphatidylethanolamine Level and Regulate SREBP Activation. Shunxing Rong , UT Southwestern Medical Center

2:40pm-3:00pm	Hepatic SEC16B regulates lipid homeostasis by coordinating VLDL secretion and lipid droplet expansion. Bo Wang , University of Illinois Urbana Champaign
3:00pm-3:20pm	FABP1 Couples Palmitic Acid to Lipogenesis and Contributes to Offspring Hepatic Steatosis by Stimulating mTORC1 in the Liver. Yu Li , Shanghai Institute of Nutrition and Health
3:20pm-3:30pm	Hepatic NgBR is Essential for KAT7-Dependent Regulation of Adiponectin Receptor and Adiponectin Sensitivity. Mohammad Sarif Mohiuddin , New York University Grossman LI School of Medicine

3:30pm-4:00pm **Coffee Break**
Canal Foyer

Academy of Cardiovascular Research Excellence (ACRE) Session

Canal Room

Moderators: Hong Chen & Jianli Zhao

4:00pm-4:30pm	Featured Talk: Endothelial FOXO1-IGF2 rewires β -cell fate and modulates diabetic wound repair. Hong Chen , Harvard Medical School
4:30pm-4:50pm	Glycine Metabolism in Atherosclerosis and MASH: Discovery of DT-109. Eugene Chen , University of Michigan
4:50pm-5:10pm	Lysosome Maintains Cardiac Immuno-Metabolic Homeostasis in HFpEF. Ling Yang , University of Iowa
5:10pm-5:30pm	Regulation of ER stress in HFpEF. Yang Kevin Xiang , University of California, Los Angeles
5:30pm-5:50pm	Canagliflozin attenuates CMR-quantified myocardial fibrosis in individuals with type 2 diabetes mellitus at high cardiovascular risk: A randomized open-label controlled trial. Hongmei Yan , Zhongshan Hospital, Fudan University
5:50pm-6:00pm	TMBIM-2 orchestrates systemic mitochondrial stress response via facilitating Ca ²⁺ oscillations. Jiasheng Li , Baylor college of medicine

Inflammation & GI Metabolism

Lafitte Room

Moderators: Xiaoxue Qiu & Hongxue Shi

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- 4:00pm-4:30pm **Featured Talk:** Mitochondrial Protein Import Failure: An Early Checkpoint Driving Metabolic Disease.
Feng Liu, The Second Xiangya Hospital, Central South University
- 4:30pm-4:50pm CSF3R Driven Macrophage Remodeling Fuels Weight Regain.
Meilian Liu, University of New Mexico
- 4:50pm-5:10pm Macrophage LCP1 protects against liver fibrosis in MASH.
Bishuang Cai, University of California, Los Angeles
- 5:10pm-5:30pm Impaired TIM4-mediated efferocytosis by liver macrophages contributes to fibrosis in metabolic dysfunction-associated steatohepatitis.
Hongxue Shi, LSU Health Shreveport
- 5:30pm-5:40pm The Leptin/CXCL14 axis regulates adipose tissue inflammation.
Ruizhen Li, UT Health San Antonio
- 5:40pm-5:50pm Obesity prevention by normalizing microbial exposure in adult mice.
Yuan Zhang, University of Minnesota
- 5:50pm-6:00pm An Intestinal mTOR-Gut Microbiota-White Adipose Tissue Axis in Metabolic Regulation.
Hannah Ceballos, City of Hope National Medical Center
-

- 6:30pm-9:00pm **Dinner & CADA Award Ceremony**
Red Fish Grill
Address: 115 Bourbon Street, New Orleans, LA 70130



Thursday, June 4th

7:00am-8:00am **Breakfast**
Canal Foyer

8:00am-8:40am **Keynote Lecture**
Introduction: Yanlin He

Estrogens and testosterone: Powerful anti-diabetic hormones in females and males.
Franck Mauvais-Jarvis, Tulane University

Epidemiology and Clinical Therapeutics

Canal Room

Moderators: Zhenqi Liu & Qin Yang

8:40am-9:10am **Featured Talk:** The GLP-1RA Era of Weight Loss.
Zhenqi Liu, University of Virginia
Qin Yang, University of California, Irvine

9:10am-9:25am Q&A

9:25am-9:45am Metal mixtures, epigenome, adiposity and cardiometabolic risk across early life.
Gang Hu, Pennington Biomedical Research Center

9:45am-10:15am **Coffee Break**
Canal Foyer

Adipose Tissue Biology

Canal Room

Moderators: Yu An & Yizhi Sun

10:15am-10:45am **Featured Talk:** Deciphering Human Cervical Adipose Tissue at Single-Cell Resolution: Thermogenic Signatures, Depot Specificity, and Developmental Origin.
Yu-Hua Tseng, Joslin Diabetes Center

10:45am-11:05am Ceramide Accumulation Links Oxidative Lipid Stress and Adipocyte Loss.
Qingzhang Zhu, University of Kentucky

11:05am-11:25am	Na ⁺ K ⁺ futile transport cycle augments energy expenditure in beige adipocytes. Hannah Hui , The Chinese University of Hong Kong
11:25am-11:45am	Metabolic Biochemistry in Adipose Thermogenesis and Mitochondrial Remodeling. Yizhi Sun , The University of Arkansas
11:45am-11:55am	Co-translational Surveillance Prevents ER Mistargeting of a Lipid Droplet Lipase in Mammals. Xinxin Chen , University of Virginia
11:55am-12:05pm	Sex-Specific Regulation of Adipose Progenitor Cell Senescence by Lipocalin 2. Xuenan Jin , University of Minnesota

12:05pm-1:30pm	Lunch Canal Room
12:30pm-1:30pm	Roundtable Discussions 1) Grant writing (K & R); 2) Transition to Independence; 3) Tenure & Promotion; 4) Leadership Development; 5) Opportunities in China.

Cellular and Integrative Metabolism

Canal Room

Moderators: Feng Yue & Yi Zhu (Baylor)

1:30pm-2:00pm	Featured Talk: ER-associated degradation as a central regulator of metabolic homeostasis. Ling Qi , University of Virginia
2:00pm-2:20pm	Role of Drp1 in maintaining muscle mass. Zhenqi Zhou , University of California, Los Angeles
2:20pm-2:40pm	A Cross-Species Systematic Atlas of cGAS-STING Signaling: Regulation of Retinal Angiogenesis in Physiological and Pathophysiological Contexts. Yanming Chen , The Third Affiliated Hospital of Sun Yat-sen University
2:40pm-2:50pm	A coupled enzyme-transporter axis for lactoyl amino acids in energy homeostasis. Shuke Xiao , Stanford University
2:50pm-3:00pm	Engineered exosome in 3D printed skin substitutes contributes to chronic diabetic wounds in mice with hind limb ischemia by regulating rigidity sensing. Yikai Zhang , Second Affiliated Hospital of Zhejiang University

3:00pm-3:30pm **CADA Board Report & Election**

3:30pm-4:00pm **Coffee Break**
Canal Foyer

Brain-Body Axis

Canal Room

Moderators: Pingwen Xu & Li Li

4:00pm- **Featured Talk:** TBD.

4:30pm **Jonathan Long**, Stanford University

4:30pm- Making Sense of the Internal Senses: The Vagal Body-to-Brain Axis and Neural Control of
4:50pm Metabolism.

Qiancheng Zhao, Baylor College of Medicine

4:50pm- Weight Loss-Induced Changes in Multiple Modifications of Hippocampal Proteins.
5:10pm **Jianping Ye**, Zhengzhou Central Hospital, Zhengzhou University

5:10pm- Serotonin Receptor Signaling in Gut-Brain Communications.
5:30pm **Li Li**, University of Wyoming

5:30pm- Asprosin Drives Hunger-Enhanced Memory through an Agouti-related Peptide (Agrp)-
5:50pm Paraventricular Nucleus of the Thalamus (PVT) Circuit
Hesong Liu, Upstate Medical University

5:50pm- Sex-Specific Regulation of Energy Homeostasis by FoxO1 Signaling in Dorsal Raphe
6:00pm Serotonergic Neurons.
Qi Xu, University of Illinois Chicago

6:00pm- A novel neural basis for anorexia-like phenotypes.
6:10pm **Cunjing Su**, University of Texas Health Science Center at Houston

Liver Health and Disease

Lafitte Room

Moderators: Dongyin Guan & Sheng Wu

4:00pm- 4:30pm	Featured Talk: Novel paracrine signaling in liver disease. Xiaoyong Yang , Yale University
4:30pm- 4:50pm	Nutrient Sensing, FGF21, and Alcohol-Associated Liver Disease. Mengwei Zang , University of Texas Health San Antonio
4:50pm- 5:10pm	DRAK2 Senses PA-CoA to Condense the Spliceosome and Drive Hepatic Steatohepatitis. Jingya Li , Shanghai Institute of Materia Medica, Chinese Academy of Sciences
5:10pm- 5:30pm	Androgen excess uncouples circulating and hepatic lipid homeostasis in females. Sheng Wu , Temple University
5:30pm- 5:50pm	A novel mechanism links hepatocyte senescence and MASH progression. Xiaoxue Sheryl Qiu , University of Minnesota
5:50pm- 6:00pm	Functionally Conserved lncRNAs MCL8/HCL8 Restrain PKR Activation and Ameliorate Metabolic-Associated Fatty Liver Disease. Shuangdi Duan , NIH
6:00pm- 6:10pm	Functional rescue of a disease-linked ERAD pathway mutation via alternative splicing. Huilun Wang , University of Virginia

On Your Own Dinner

Friday, June 5th

7:00am-8:00am **Breakfast**
Canal Foyer

8:00am-8:40am **Keynote Lecture**
Canal Room
Introduction: Qiong Annabel Wang

MASLD: A Master Driver of Type 2 Diabetes
Xiaoying Li, Zhongshan Hospital, Fudan University

8:40am-9:10am **Achievement Award Presentation**
Canal Room
Introduction: Zhiping Pang

Diet-Induced Obesity and Leptin Resistance
Qingchun Tong, University of Texas Health Science Center at Houston

9:10am-9:20am **Election Results**

9:20am-9:40am **Presentation Awards, Stamp & Raffle**

9:40am **Meeting Adjourn**

Ultra-long-acting GLP-1RA

Efsubaglutide alfa: Approved for T2D in China, included in China 2025 National Reimbursement Drug List

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1. 18 week data from Efsubaglutide alfa China Phase IIb clinical trial



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- Obesity (肥胖症)
- MASH
- Liver (肝脏)
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Coco Zhang
Business Development Manager

Reach Out Now:

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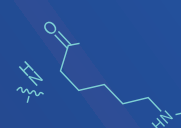
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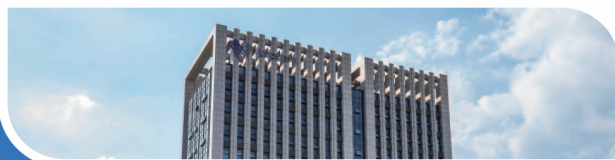
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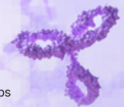
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Cut along the line



Established in 2004, the **Chinese American Diabetes Association (CADA)** is a United States-based non-profit organization committed to advancing scientific research toward the cure of diabetes and related metabolic diseases.

The **mission** of CADA is to provide a platform for its members to communicate and collaborate, to advance the career of its members and scientific research toward the treatment and prevention of diabetes, obesity and its complications.

The CADA is governed by a **Board** comprised of the president, president-elect, secretary, treasurer, and three board members. The association's activities are supported by **Committees** including Advisory Committee, Program Committee, Communication Committee, and Professional Development Committee.

Visit us: <https://www.gocada.org>

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SAVE THE DATE

**The 18th Annual Meeting of CADA
June 15 - 18, 2027
Washington, DC**



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