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A1c what's happening

August 2024

2024-2025 Research in Progress Series Now LIVE!

We are thrilled to share that we are currently accepting presenters for our RIP series. Use this as an opportunity to share your work and connect with the BDC research community. We encourage our community to help us spread the word to individuals who would be a great fit to present and send them the link below.

Please click HERE to sign up for a Monday slot in our seminar series.

BDC RESEARCH WELCOMES DRS. WORTHAM & ZHU!

After completing the Molecular Biology program at William Jewell College **Dr. Matthew Wortham** attended Duke University where he received his PhD in Pathology. He carried out postdoctoral training with Dr. Maike Sander at the University of California San Diego, where he stayed on as an Assistant Adjunct Professor until joining the Barbara Davis Center at CU Anschutz. His laboratory studies how pancreatic beta cells sense and respond to changes in their environment in physiological conditions or pathological states related to diabetes. His research is focused on how environmental signals and cellular metabolism interface with the beta cell epigenome to govern adaptive and maladaptive responses.

Dr. Han Zhu's laboratory employs state-of-the-art genomic tools and human stem cell models to explore the genetic mechanisms behind the formation of pancreatic β-cell and their destruction in type 1 diabetes. Dr. Zhu completed his Ph.D. at the Hong Kong University of Science and Technology, concentrating on muscle stem cells and their role in muscle regeneration. He transitioned to studying β-cell differentiation from pluripotent stem cells during his postdoctoral research in Maike Sander's laboratory at the University of California San Diego in 2018. His research has received significant recognition and support, including a postdoctoral training award from the California Institute of Regenerative Medicine (CIRM) and funding from the Diabetes Research Connection (DRC). Additionally, Dr. Zhu is actively involved as a New Investigator with the Human Islet Research Network (HIRN), furthering his contributions to the field of diabetes research.

DIABETES COMMUNITY EVENTS

Levine-Riggs Symposium 2024 - Register NOW!

CLICK HERE TO REGISTER

SEPTEMBER 21 TO 24, 2024
The Westin Pasadena - Pasadena, CA, U.S.

Bringing together leading and junior investigators to keep them abreast of the latest developments in diabetes research, creating opportunities for scientific interaction and collaborations.

COURSE HIGHLIGHTS
Lectures on latest development updates, Oral and poster presentations, Panel discussions with top leaders from around the world.

WHO SHOULD ATTEND
This educational program is directed toward endocrinologists, islet immunologists, islet biologists, stem cell scientists, diabetes complication and epigenetics scientists, clinical trialists, young and established trainees in all these areas and health care professionals from the United States and abroad who manage patients with diabetes.

CALL FOR ABSTRACTS
Submission Deadline: **July 1, 2024**

Click HERE to see all event details.

WRISG 2024 - REGISTRATION IS NOW OPEN

Topics include

REGISTRATION OPEN

Asilomar, CA

The Facts

When: 16-18th Oct 2024
Where: Asilomar, CA
Who: Islet biologists especially trainees!
Registration: Early Bird by May 31st 2024
Featuring: The John C Hutton Rising Star & Gerold M Grodsky Awards

Contact:
pediatric-endo@stanford.edu
@WRISGMeeting (#WRISG2024)

This meeting is being organized by the **Golden State Islet Seminar Series (GSIS)** which is run by the Stanford Diabetes Research Center (SDRC) with colleagues from UCSF and UC Davis, with financial support from industry partners.

Click HERE to register now.

The Western Region Islet Study Group (WRISG) 2024 meeting aims to bring together trainees & faculty studying islet biology to share their discoveries, enhance interactions, and encourage collaboration in diabetes across Western Canada and the USA.
Any research in islet biology is welcome & this is a trainee focused meeting

Click HERE to see the full flyer.

Diabetes Research Virtual Seminar Series

About the Diabetes Research Virtual Seminar Series

The Virtual Diabetes Research Seminar Series began as an effort to connect investigators and trainees during this time of great change and isolation related to the COVID crisis. This seminar series is organized by several NIDDK-funded Diabetes Research Centers. Each seminar in the series features an outstanding scientist or panel of scientists discussing the latest in diabetes, obesity, or metabolic research.

The seminars are held on the second Wednesday of the month unless this date coincides with a federal holiday. All webinars are free to attend. Trainees are encouraged to sign-up to meet with speakers after each seminar.

https://diabetes-virtual-seminar.org/

Summer/Fall 2024 Schedule

Aug. 14th -Kyle Gaulton, PhD (UCSD)
Sept. 11th -Marshall Chin, MD, MPH (U Chicago)
Oct. 9th - Lisa Chow, MD (U Minnesota)
Nov. 13th -Deb Muoio, PhD (Duke)

2024-2025 RESEARCH IN PROGRESS SEMINAR SERIES

More information coming soon.. See you in the fall!

2024-2025 BDC & DRC DIABETES SPEAKER SERIES

Seminars will take place in person on Fridays at 12pm MT
For administrative assistance: Christy Vasey, christy.vasey@cuanschutz.edu , 303-724-9787

Friday, September 13, 2024	Jamie Felton, PhD Assistant Professor	*Pediatric Endocrinology & Diabetology* *Riley Children's Health* *Indiana University Health*
Friday, September 27, 2024	Danielle Hessler Jones, PhD Professor	*Vice Chair for Research* *University of California, San Francisco*
Friday, October 11, 2024	Luc Teyton, PhD Professor	*Department of Immunology and Microbiology* *Scripps Research, La Jolla CA*
Friday, October 25, 2024	Alok V. Joglekar, PhD Assistant Professor	*Department of Immunology* *Center for Systems Immunology* *University of Pittsburgh*
Friday, November 8, 2024	Jing Hughes, MD, PhD Assistant Professor	*Division of Endocrinology,* *Metabolism & Lipid Research* *Washington University School of Medicine*
Friday, November 14-15, 2025	Childhood Diabetes Prevention Day	*Two-day Symposium* *AHSB- Elliman Conference Center*
Friday, December 6, 2024	H. Henry Dong, PhD Professor	*Division of Endocrinology* *Associate Vice Chair for Research* *University of Pittsburgh*
Friday, January 10, 2025	Sally C. Kent, PhD Associate Professor	*Diabetes Center of Excellence* *University of Massachusetts*
Friday, January 24, 2025	Justin Brumbaugh, PhD Assistant Professor	*Molecular, Cellular & Developmental Biology* *University of Colorado, Boulder*
Friday, February 7, 2025	Kanakadurga Singer, MD Associate Professor	*Division of Pediatric Endocrinology and* *Department of Molecular and* *Integrative Physiology*

		University of Michigan
Friday, February 21, 2025	J. Andrew Pospisilik, PhD Professor	*Chair, Department of Epigenetics* *Van Andel Institute*
Friday, March 7, 2025	Suna Onengut -Gumuscu, PhD Associate Professor	*Director, Genome Sciences Laboratory at the* *Center for Public Health Genomics* *University of Virginia*
Friday, March 21, 2025	**BDC Diabetes Day Symposium** **Keynote Speaker: Teresa P. DiLorenzo, PhD** Professor	*Department of Microbiology & Immunology* *Albert Einstein College of Medicine*
Friday, April 4, 2025	Amy S. Shah, MD Professor	*Director, Adolescent Type 2 Diabetes Program* *Director, Research Operations, Endocrinology* *Cincinnati Children's*
Friday, April 18, 2025	Steven K. Malin, PhD Associate Professor	*Department of Kinesiology and Health* *Rutgers- New Brunswick*
Friday, May 2, 2025	Emily D. Szmuilowicz, MD Associate Professor	*Program Director, Endocrinology Fellowship* *Northwestern University* *Feinberg School of Medicine*
Friday, May 16, 2025	Sharon Alterzon, PhD Assistant Professor	*Diabetes, Obesity and Metabolism Institute* *Icahn School of Medicine at Mount Sinai*

JOB POSTINGS & OPPORTUNITIES FOR FUNDING

colorado school of public health

Centers for American Indian & Alaska Native Health

In April, the **Center for American Indian and Alaska Native Diabetes Translation Research (CAIANDTR)** sent out a Request for Applications for our next round of grant funding. With summer fast approaching, we wanted to reach out once again to our networks regarding this pilot funding opportunity. We hope that you will take advantage of these opportunities or share information about them with your collaborators, colleagues, and/or mentees.

The **CAIANDTR Pilot and Feasibility Program** provides funding for **new investigators** or **established investigators *new to the field* of diabetes translation research** to conduct research addressing diabetes or related conditions in American Indian, Alaska Native, and/or Native Hawaiian or Pacific Islander populations. Investigators may be affiliated with any institution that is eligible to receive NIH funds. During this 18-month research and training program, funded investigators will complete and publish a **secondary analysis project** (Months 1-12) and develop a **grant application** seeking larger-scale funding for their research efforts (Months 13-18). Detailed information about this opportunity is available on our website and in the Request for Applications and 1-page overview that are attached.

If you are interested in applying or know of any investigators who would benefit from this opportunity, please let me know. I would be happy to talk with you and your colleagues. **We encourage all who are eligible to apply for this funding opportunity!**

*We ask that interested parties **submit an Interest Form by August 8** and submit a **final grant application by August 22.***

Click HERE to read the full RFA

NIH NIDDK

NIDDK supports the **Human Tissues and Organs for Research Resource (HTORR) U42 program**, which is now offering a new **Pilot Award Program.**
This Pilot Award Program is intended to facilitate the generation of preliminary data necessary for an investigator to obtain subsequent funding, and will support individuals that meet at least one of the following three high priority areas:

1. Individuals from underrepresented populations in the U.S. biomedical workforce, including women, minorities, persons with disabilities and persons from disadvantaged backgrounds.
2. Early-stage investigators that are within 10 years of a terminal degree or completion of clinical residency.
3. Established investigators that are transitioning to use human biospecimens.

The 2-year awards provided through our Pilot Award Program will include up to ~10 biological samples per awarded investigator, covering all costs associated with obtaining the biospecimens, including tissue preservation reagents and shipping costs. Beyond the service period and experimental analysis phase, the awardee will also receive supplementary support to develop grant applications to the NIH Institute that supported their award, and only applications that fall into the fields covered by these institutes will be reviewed. The institutes currently included are the National Institute of Allergy and Infectious Diseases (**NIAID**), the National Heart, Lung, and Blood Institute (**NHLBI**), the National Eye Institute (**NEI**), the National Institute of Diabetes and Digestive and Kidney Diseases (**NIDDK**), the National Institute of Arthritis and Musculoskeletal and Skin Diseases (**NIAMS**), and the Office of Research Infrastructure Programs (**ORIP**).

Key dates for the first round of applications are:
Request for Applications Open: June 1, 2024
Application Deadline: October 1, 2024, 5 p.m. US EST
Anticipated Award Decision: December 2024
Anticipated Earliest Start Date: January 2025

For more information, please visit https://ndriresource.org/pilot-award-program/ or reach out to Grants@ndriresource.org.

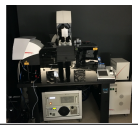
Click Here to see all current NIH NIDDK RFAs

University of Colorado Anschutz Medical Campus

Click here to see current CU INTERNAL Limited Submission Funding Opportunities

Have you considered using a DRC core service?

The DRC contains four biomedical cores that provide services and resources to DRC investigators. These cores are designed to facilitate and broaden CU Denver DRC research by expanding access to shared equipment, enhancing availability and training for emerging technologies, and allowing scientists to have greater access to clinical tissue and data.



Cell and Tissue Analysis
Access to state-of-the-art multi-color confocal microscopy, flow cytometry analysis and cell sorting services, and expert assistance for mass cytometry and ion-beam imaging technologies.

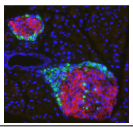
Learn More about Cell & Tissue Analysis

Clinical Resources
Access to an integrated, campus-wide, research registry enabling informatics-based clinical studies.

Learn More about our Clinical Resources

Disease Modeling
Access and training in stem cell technologies for in vitro human disease modeling of diabetes & molecular core services.

Learn More about Disease Modeling



Tissue Procurement & Processing
Access to islet isolation and transplantation services along with access to commonly used cell lines and diabetes-related histology techniques.

Learn More about Tissue Procurement & Processing

Please remember to acknowledge support from the University of Colorado Diabetes Research Center and our associated cores by referencing NIDDK grant #P30-DK116073 in your presentations and publications.

Contact Lisbel.Woods@CUAnschutz.edu with any questions or feedback about this newsletter