Agenda for CU-CSU CCTSI Summit VI

Lifespan Research: from Pregnancy through Aging

The Plaza Convention Center
1850 Industrial Circle, Longmont, CO 80501
Phone: (303) 776-2000
Wednesday, August 15, 2018

8:00 am  Breakfast

8:15 – 8:30 am  Introductions and Goals
Ronald Sokol, MD, CCTSI Director
University of Colorado Anschutz Medical Campus

Moderator: Ronald Sokol, MD

Lifespan Research Highlights in Colorado – Part I
8:30 – 8:45 am  The Gut Microbiome in Infants of Obese Mothers Increases Susceptibility to
Obesity and NAFLD in Germ-Free Mice
Jed Friedman, PhD
Professor, School of Medicine
University of Colorado Anschutz Medical Campus

8:45 – 8:55 am  Discussion

8:55 – 9:10 am  The Effect of Maternal Triglycerides on Offspring Adiposity
Lynn Barbour, MD
Professor, School of Medicine
University of Colorado Anschutz Medical Campus

9:10 – 9:20 am  Discussion

9:20 – 9:35 am  Sex-biased programming of prenatal glucocorticoids on the developing hypothalamus
Robert Handa, PhD, MS
Professor of Biomedical Sciences, College of Veterinary Medicine and Biological Sciences
Colorado State University

9:35 – 9:45 am  Discussion

9:45 – 10:00 am  Networking/Coffee Break
Campus Resources in Lifespan Research

10:00 – 10:15 am Teri Hernandez, PhD
Associate Professor, School of Medicine
University of Colorado Anschutz Medical Campus

10:15 – 10:30 am Lise Youngblade, PhD
Professor and Department Head of Human Development and Family Studies
Associate Dean for Strategic Initiatives, College of Health and Human Sciences
Colorado State University

10:30 – 10:45 am Chris DeSouza, PhD
Professor, Integrative Physiology
University of Colorado Boulder

10:45 – 11:00 am Discussion
Moderator: Sue VandeWoude, PhD

Lifespan Research Highlights in Colorado – Part II

11:00 – 11:15 am Mitochondrial-Targeted Antioxidant (MitoQ) Supplementation for Age-Related Vascular Dysfunction
Matthew Rossman, PhD
Post-Doctoral Fellow, Integrative Physiology
University of Colorado Boulder

11:15 – 11:25 am Discussion

11:25 – 11:40 am Modifying Motivational Barriers to Promote Middle-Aged and Older Adults’ Engagement in Physical Activity
Manfred Diehl, PhD
Distinguished Professor, Human Development and Family Studies
Colorado State University

11:40 am – 12:20 pm Lunch

12:20 – 1:20 pm Poster Session and Networking

1:20 – 1:50 pm 3 x 5 Abstract Presentations (3 presentations of 5 minutes plus 5 minutes discussion each)
1:50 – 2:10 pm

**Breakout Session 1: Methods and Strategies for Lifespan Research**

*Choose one of the four sessions to attend.*

1) **A Lifecourse Approach to the Study of Chronic Diseases**
Dana Dabelea, MD, PhD
Professor of Epidemiology and Pediatrics, Colorado School of Public Health
University of Colorado Anschutz Medical Campus

2) **Golden Retriever Lifetime Study**
Rod Page, DVM, MS
Professor and Director, Flint Animal Cancer Center
Colorado State University

3) **Early Life Stress: Effects Across the Lifespan**
Steven Berkowitz, MD
Professor of Psychiatry, School of Medicine
University of Colorado Anschutz Medical Campus

4) **Reproductive and Stress Hormones across the Lifespan: Implication for Sex Differences in Neuropsychiatric and Cognitive Disorders**
C. Neill Epperson, MD
Professor and Chair of Psychiatry, School of Medicine
University of Colorado Anschutz Medical Campus

2:10 – 2:15 pm

**Rotate to Breakout Session 2**

2:15 – 2:35 pm

**Breakout Session 2: Methods and Strategies for Lifespan Research**

*Choose one of the four sessions to attend.*

1) **A Lifecourse Approach to the Study of Chronic Diseases**
Dana Dabelea, MD, PhD
Professor of Epidemiology and Pediatrics, Colorado School of Public Health
University of Colorado Anschutz Medical Campus

2) **Golden Retriever Lifetime Study**
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4) Reproductive and Stress Hormones across the Lifespan: Implication for Sex Differences in Neuropsychiatric and Cognitive Disorders
C. Neill Epperson, MD
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University of Colorado Anschutz Medical Campus

2:35 – 2:45 pm Poster Session/Networking/Coffee Break

Moderator: Chris DeSouza, PhD

Lifespan Research Highlights in Colorado – Part III
2:45 – 3:00 pm Alzheimer’s Research
Christopher D. Link, PhD
Associate Professor, Integrative Physiology
University of Colorado Boulder

3:00 – 3:10 pm Discussion

3:10 – 3:25 pm Prion Infectivity within the Pregnancy Microenvironment of CWD-Infected Deer
Candace Mathiason, PhD
Associate Professor, Microbiology, Immunology and Pathology
Colorado State University

3:25 – 3:35 pm Discussion

3:35 – 3:45 pm Closing Remarks – Ronald Sokol, MD