Agenda for CCTSI Summit IV

Building Research Collaboration in the Areas of Precision/Personalized Medicine and the Use of Omics Technology & Regenerative Science and Stem Cell Biology

Plaza Convention Center (extension of the Best Western)
1850 Industrial Circle
Longmont, Colorado 80501
Phone: 303-776-2000
www.plazaconventioncenter.com

Wednesday, August 17, 2016

8:00 am  Breakfast

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

Regenerative Science and Stem Cell Biology
Moderator: Sue VandeWoude, PhD, DVM, Associate Dean of Research
Colorado State University

8:30 – 9:05 am  Exploring the Therapeutic Potential of Induced Pluripotent Stem (iPS) Cells
Dennis Roop, MD, PhD
Director, Charles C. Gates Center for Regenerative Medicine
University of Colorado Anschutz Medical Campus

9:05 – 9:15  Discussion

Steven Dow, DVM, PhD, DACVIM (Internal Medicine)
Professor and Director, Center for Immune and Regenerative Medicine
Colorado State University

9:45 – 9:55  Discussion

9:55 – 10:40 am  Poster Session/Networking/Coffee Break
10:40 – 11:10  *The Horse as a Model for Human Stem Cell Therapies for Musculoskeletal Disease*
*Dave Frisbie, DVM, PhD*
Professor and Interim Director, Institute for Biological and Translational Therapies
Colorado State University

11:10 – 11:20  Discussion

11:20 – 12:20 pm  *Lunch*

11:50 – 12:10  *Ethical Considerations in Genomics Research*
*Marilyn Coors, PhD*
Director of Research Ethics, CCTSI

12:10 – 12:20  Discussion

**Precision/Personalized Medicine and the Use of Omics Technology**
Moderator: Wendy M. Kohrt, PhD, Associate Director, CCTSI
University of Colorado Anschutz Medical Campus

12:20 – 12:55 pm  *Precision Medicine Initiatives in Colorado*
*Matthew Taylor, MD, PhD*
Director, Adult Clinical Genetics, Department of Medicine
University of Colorado Anschutz Medical Campus

12:55 – 1:05  Discussion

1:05 – 1:50 pm  *Poster Session/Networking/Coffee Break*

1:50 – 2:20 pm  *Interspecies Gene Expression Models and Applications in Precision Medicine*
*Daniel L. Gustafson, PhD*
Shipley University Chair in Comparative Oncology
Professor of Pharmacology & Biomedical Engineering
Director, UCCC/CCTSI Pharmacology Core
Colorado State University

2:20 – 2:30  Discussion

2:30 – 3:00  *Implantable Materials for Cancer Detection and Therapy*
*Brian Aguado, PhD*
Postdoctoral Research Fellow
Anseth Research Group
Howard Hughes Medical Institute, University of Colorado Boulder

3:00 – 3:10  Discussion

3:10 – 3:15  *Closing Remarks – Ronald Sokol, MD*