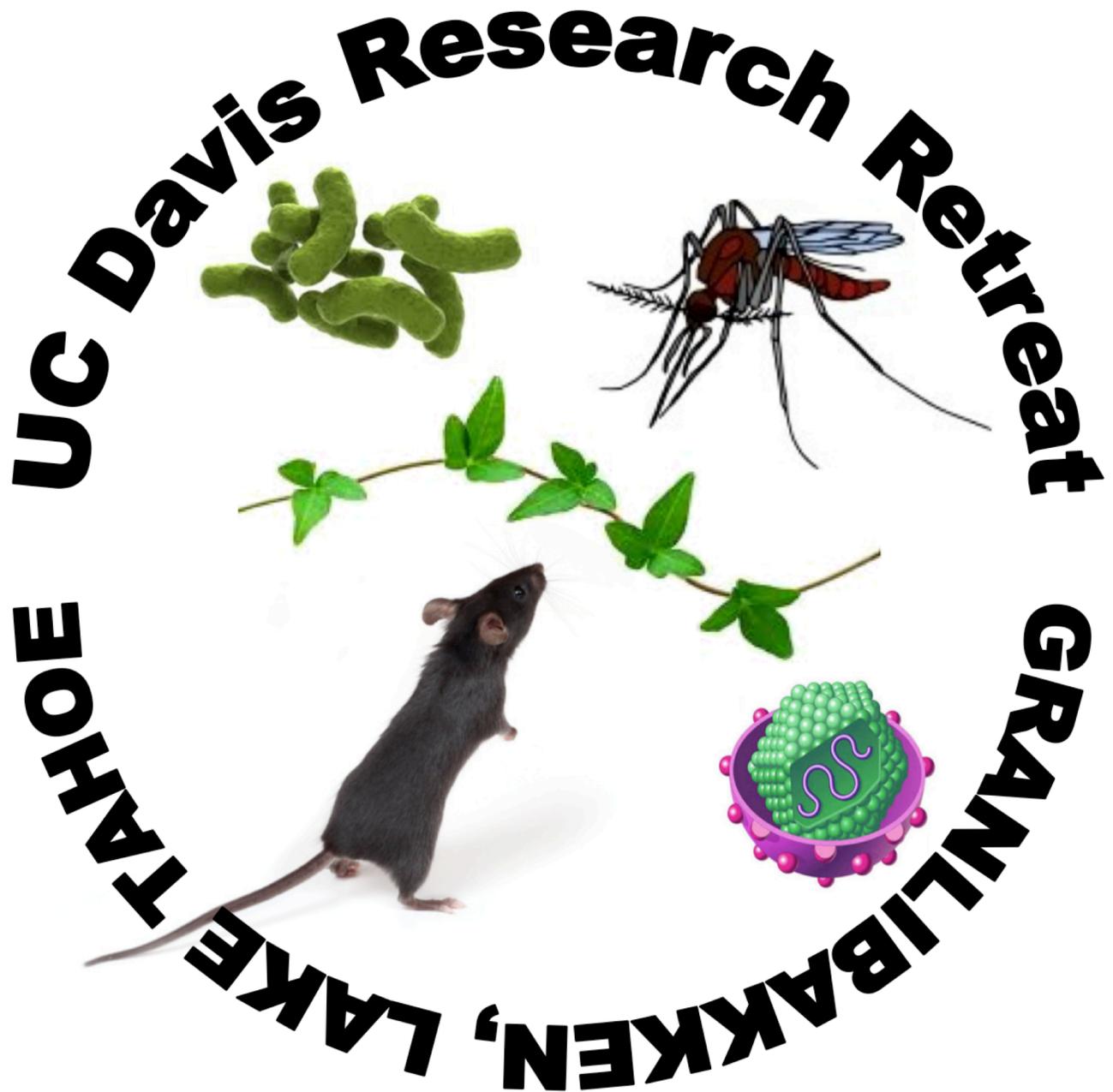


PROGRAM



November 5th to 6th, 2015



***9th Annual UC Davis Research Retreat
on Host Microbe Interaction (HMI)***

Granlibakken, November 5th-6th, 2015

ORGANIZING COMMITTEE

Co-Chairs:

Andreas Bäumler, Ph.D., Professor and Vice Chair of Research, Medical Microbiology and Immunology

Satya Dandekar, Ph.D., Professor and Chair, Medical Microbiology and Immunology



PROGRAM 2015 UC DAVIS HMI RETREAT

November 5

12:00pm **Opening Reception and Lunch (Granhall)**

1:00-3:15pm **Scientific Session 1 (Mountain Conference Room)**

Moderator: **Stephen McSorley**, Department of Anatomy, Physiology and Cell Biology
(Center for Comparative Medicine)

1:00 **Opening Address**

1:15-1:40 ***Jeroen Saeij***

Department of Pathology Microbiology and Immunology
School of Veterinary Medicine
Title: Toxoplasma inflammasome activation

1:40-2:05 ***Colin Reardon***

Department of Anatomy, Physiology and Cell Biology
School of Veterinary Medicine
Title: To be announced

2:05-2:30 ***Sean Collins***

Department of Microbiology and Molecular Genetics
College of Biological Sciences
Title: Signaling Direction in Neutrophil Chemotaxis

2:30-2:45 ***Kristen Lokken*** (Tsolis lab)

Department of Medical Microbiology and Immunology
School of Medicine
Title: Vitamin A and host defense against non-typhoidal *Salmonella*

2:45-3:00 **Eric Nonnecke** (Lönnerdal lab)
Department of Nutrition
College of Agricultural and Environmental Sciences
Title: To be announced

3:00-3:15 **Hyrum Gillespie** (A. Dandekar lab)
Department of Plant Biology and Plant Sciences
College of Biological Sciences
Title: To be announced

3:15-3:45pm Break

3:45-5:45pm Scientific Session 2 (Mountain Conference Room)

Moderator: Renée Tsohis, Department of Medical Microbiology and Immunology

3:45-4:10 **Matthias Hess**
Department of Animal Science
College of Agricultural and Environmental Sciences
Title: To be announced

4:10-4:35 **David Rizzo**
Department of Plant Pathology
College of Agricultural and Environmental Sciences
Title: Community ecology and host-microbe interactions

4:35-5:00 **David Mills**
Department of Viticulture and Enology
College of Agricultural and Environmental Sciences
Title: When good milk goes bad: can milk glycans create gut dysbiosis?

5:00-5:15 **Guochun Jiang** (S. Dandekar lab)
Department of Medical Microbiology and Immunology
School of Medicine
Title: Reactivation of latent HIV by an anti-cancer ingenol compound, PEP005

5:15-5:30 **Oanh T H Pham** (McSorley lab)
Department of Anatomy, Physiology and Cell Biology (Center for Comparative
Medicine)
School of Veterinary Medicine

Title: To be announced

5:30-5:45

Christopher Lopez (Bäumler lab)

Department of Medical Microbiology and Immunology

School of Medicine

Title: *Citrobacter rodentium*: Living on the Edge

5:45-6:30pm Break and Poster setup (Lake Room)

6:30-8:00pm Dinner (Granhall)

8:00-10:30pm Poster Session (Lake Room)

10:30pm- Social (Ski Hut)

1:00am

November 6

7:30-9:00am Breakfast (Granhall)

9:00-11:00am Scientific Session 3 (Mountain Conference Room)

Moderator: **Shirley Luckhart**, Department of Medical Microbiology and Immunology

9:00-9:25

Jonathan Eisen

Department of Evolution and Ecology (Genome Center)

College of Biological Sciences

Title: Phylogeny-Driven Approaches to the Study of Host-Microbiome Interactions

9:25-9:50

Gitta Coaker

Department of Plant Pathology

College of Agricultural and Environmental Sciences

Title: Investigating Plant Immune Signaling in Response to Bacterial Pathogens

9:50-10:15

Lark Coffey

Department of Pathology Microbiology and Immunology

School of Veterinary Medicine

Title: Chikungunya virus: global spread, mechanisms of emergence, and predicting epidemic variants

10:15-10:30

Clarissa Rocha (S. Dandekar lab)

Department of Medical Microbiology and Immunology

School of Medicine

Title: To be announced

10:30-10:45

Trang Nguyen (Baumgarth lab)

Department of Pathology Microbiology and Immunology (Center for Comparative Medicine)

School of Veterinary Medicine

Title: The intracellular interaction of secreted (s)IgM and Fc μ R regulates plasma cell differentiation

10:45-11:00

Lattha Souvannaseng (Luckhart lab)

Department of Medical Microbiology and Immunology

School of Medicine

Title: To be announced

11:00-11:15am Coffee Break

11:15am-1:00pm Scientific Session 4 (Mountain Conference Room)

Moderator: **Satya Dandekar**, Department of Medical Microbiology and Immunology

11:15-11:40

Katherine S Ralston

Department of Microbiology and Molecular Genetics

College of Biological Sciences

Title: Chew on this: Amoebic trophocytosis and human cell killing by *Entamoeba histolytica*

11:40-12:05

Clare Casteel

Department of Plant Pathology

College of Agricultural and Environmental Sciences

Title: Vector feeding initiates viral protein relocalization and corresponding changes in host physiology.

12:05-12:30

Melanie Gareau

Department of Anatomy, Physiology and Cell Biology

School of Veterinary Medicine

Title: To be announced

12:30-12:45

Gema Méndez-Lagares (O'Connor lab)

Department of Medical Microbiology and Immunology

School of Medicine

Title: To be announced

12:45-1:00

Xiaochen (Ellie) Yin (Marco lab)

Department of Food Science and Technology

College of Agricultural and Environmental Sciences

Title: Host diet changes the population dynamics of indigenous and dietary *Lactobacillus* in the digestive tract

1:00-2:00pm

Lunch (Granhall)

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POSTER SESSION (Lake Room - 8:00-10:30pm)

Poster Judges: To be announced

SIZE OF POSTER BOARDS: 4'x8'; POSTER SIZE: 4'x4'