Gordon Research Conferences

Meeting Details

Alcohol-Induced End Organ Diseases

Gordon Research Conference

Metabolic Reprogramming and Molecular Mechanisms of Tissue Injury by Alcohol

Dates Organizers

March 26-31, 2017 Chairs:

Bin Gao & Andras Orosz

Vice Chair:

Four Points Sheraton / Holiday Inn Express Ventura, CA

Application Deadline

Location

Applications for this meeting must be submitted by **February 26, 2017**. Please apply early, as some meetings become oversubscribed (full) before this deadline. If the meeting is oversubscribed, it will be stated here. *Note*: Applications for oversubscribed meetings will only be considered by the Conference Chair if more seats become available due to cancellations.

Laura E. Nagy

Meeting Description

The 2017 Gordon Research Conference (GRC) on Alcohol-Induced End Organ Diseases "Metabolic Reprogramming and Molecular Mechanisms of Tissue Injury by Alcohol" will provide a unique forum to bring together a diverse range of young and established scientists who are studying alcohol-related organ damage. This newly approved Gordon Research Conference exclusively addresses alcohol-induced end organ disorders and will cover a broad range of studies at the molecular, cellular, systems, and organismal level, with particular emphasis on multidisciplinary work and innovative approaches. This GRC conference will 1) provide an international forum that promotes open discussion of cutting edge research at the forefront of alcohol-induced tissue injury, 2) foster the development of the next generation of investigators to study alcohol-induced organ damage, 3) promote interaction between young and senior investigators, 4) facilitate the exchange of ideas that will shape the future directions of the alcohol and tissue injury community, and 5) introduce breakthrough techniques that facilitate the understanding of mechanisms driving alcohol-induced tissue injury. This GRC conference will significantly advance current understanding of the underlying mechanisms of end organ injury and stimulate development of effective therapeutic strategies for the diagnosis, prevention and treatment of alcohol-related disorder. Talks will address questions centered on the basic mechanisms that contribute to alcohol-induced organ damage across the entire lifespan and will include wide ranging experimental systems from microbiome to humans. The format will provide ample time for formal and informal discussions and emphasize the presentation of unpublished data, thus ensuring that the newest and most exciting developments in the field are discussed. Poster sessions will take place on each day of the meeting, allowing for widespread participation of conference attendees at all career stages. Speakers will also be selected from submitted abstracts for "late-breaking topic" talks by young investigators. Participation by young investigators will be strongly encouraged.

Contributors

















Meeting Program

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	4:00 pm - 8:00 pm	Arrival and Check-in
	6:00 pm	Dinner
	7:30 pm - 7:40 pm	Welcome / Introductory Comments by GRC Site Staff
7:40 pm - 9:30 pm		Keynote Session: Novel Mechanisms of Multiple-Organ and Tissue Injury
		Discussion Leader: Jan Hoek (Thomas Jefferson University, USA)
	7:40 pm - 7:50 pm	Opening Remarks
	7:50 pm - 8:25 pm	Bernd Schnabl (University of California, San Diego, USA) "Host-Microbiome Interactions in Alcohol-Associated Diseases"
	8:25 pm - 8:40 pm	Discussion
	8:40 pm - 9:15 pm	Gyongyi Szabo (University of Massachusetts Medical School, USA) "Triggers, Pathways and Mediators of Alcohol-Induced Tissue Inflammation"
	9:15 pm - 9:30 pm	Discussion
	Monday	
	7:30 am - 8:30 am	Breakfast
	8:30 am	Group Photo
9:00 am - 12:30 pm		Proteostasis (Protein Homeostasis) in Alcohol-Induced Organ Injury
		Discussion Leader: Neil Kaplowitz (University of Southern California, USA)
	9:00 am - 9:20 am	Wen-Xing Ding (University of Kansas Medical Center, USA) "Autophagy, a Common Mechanism for Alcohol-Induced Liver and Pancreatic Injury"
	9:20 am - 9:30 am	Discussion
	9:30 am - 9:50 am	Stephen Pandol (VA Greater Los Angeles Healthcare System, USA) "Regulation of Endoplasmic Reticulum Protein Processing with Alcohol"
	9:50 am - 10:00 am	Discussion
		Discussion Short Talk Selected from Poster Abstracts

2017/1/18	Gordon Research Conferences - 2017 Meeting - Alcohol-Induced End Organ Diseases
10:15 am - 10:25 am	Short Talk Selected from Poster Abstracts
10:25 am - 10:30 am	Discussion
10:30 am - 11:00 am	Coffee Break
11:00 am - 11:20 am	Pranoti Mandrekar (University of Massachusetts Medical School, USA) "Targeting Proteostasis Pathways: New Therapeutic Paradigm in Alcoholic Liver Disease"
11:20 am - 11:30 am	Discussion
11:30 am - 11:50 am	Srinivasan Dasarathy (Cleveland Clinic, USA) "Mechanism of Skeletal Muscle Proteostasis and Sarcopenia in Alcoholic Liver Disease"
11:50 am - 12:00 pm	Discussion
12:00 pm - 12:10 pm	Short Talk Selected from Poster Abstracts
12:10 pm - 12:15 pm	Discussion
12:15 pm - 12:25 pm	Short Talk Selected from Poster Abstracts
12:25 pm - 12:30 pm	Discussion
12:30 pm	Lunch
1:30 pm - 4:00 pm	Free Time
4:00 pm - 6:00 pm	Poster Session
6:00 pm	Dinner
7:30 pm - 9:30 pm	Alcohol, Stem Cells, and Cancer
	Discussion Leader: Helmut Seitz (University of Heidelberg, Germany)
7:30 pm - 7:50 pm	Lorraine Gudas (Weill Cornell Medicine, USA) "The Effects of Alcohol on Epithelial Stem Cells of the Oral Cavity and Esophagus During Carcinogenesis"
7:50 pm - 8:00 pm	Discussion
8:00 pm - 8:20 pm	Vasilis Vasiliou (Yale School of Public Health, USA) "Aldehyde Dehydrogenases in Cancer Stem Cells"
8:20 pm - 8:30 pm	Discussion
8:30 pm - 8:50 pm	Keigo Machida (Keck School of Medicine, University of Southern California, USA) "Cell Fate Decision and Metabolic Reprograming of Tumor-Initiating Stem-Like Cells in Alcohol-Associated Injury and Cancer"
8:50 pm - 9:00 pm	Discussion
9:00 pm - 9:10 pm	Short Talk Selected from Poster Abstracts
9:10 pm - 9:15 pm	Discussion
9:15 pm - 9:25 pm	Short Talk Selected from Poster Abstracts
9:25 pm - 9:30 pm	Discussion
Tuesday	
7:30 am - 8:30 am	Breakfast
9:00 am - 12:30 pm Immunologic Mechanisms	
	Discussion Leader: Gavin Arteel (University of Louisville, USA)
9:00 am - 9:20 am	Cynthia Ju (University of Colorado Health Science Center, USA) "IL-1 Receptor Like 1 (ST2) Protects Against Alcoholic Liver Injury and Inflammation"
9:20 am - 9:30 am	Discussion

2017/1/18	Gordon Research Conferences - 2017 Meeting - Alcohol-Induced End Organ Diseases	
9:30 am - 9:50 am	Hidekazu Tsukamoto (University of Southern California, USA) "Caspase 11-Gasdermin-D Pathway in Alcoholic Hepatitis"	
9:50 am - 10:00 am	Discussion	
10:00 am - 10:10 am	Short Talk Selected from Poster Abstracts	
10:10 am - 10:15 am	Discussion	
10:15 am - 10:25 am	Short Talk Selected from Poster Abstracts	
10:25 am - 10:30 am	Discussion	
10:30 am - 11:00 am	Coffee Break	
11:00 am - 11:20 am	Flavia Souza-Smith (LSU Health Sciences Center New Orleans, USA) "Mesenteric Lymphatic/Perilymphatic Adipose Tissue Crosstalk: Mechanism of Alcohol Immunomodulation"	
11:20 am - 11:30 am	Discussion	
11:30 am - 11:50 am	Elizabeth Kovacs (University of Colorado Denver, USA) "Alcohol Intoxication and the Pulmonary Inflammatory Response After Injury"	
11:50 am - 12:00 pm	Discussion	
12:00 pm - 12:10 pm	Short Talk Selected from Poster Abstracts	
12:10 pm - 12:15 pm	Discussion	
12:15 pm - 12:25 pm	Short Talk Selected from Poster Abstracts	
12:25 pm - 12:30 pm	Discussion	
12:30 pm	Lunch	
1:30 pm - 4:00 pm	Free Time	
4:00 pm - 6:00 pm	Poster Session	
6:00 pm	Dinner	
7:30 pm - 9:30 pm	Non-Coding RNA and Extracellular Vesicles	
	Discussion Leader: David Brigstock (Nationwide Children's Hospital, USA)	
7:30 pm - 7:50 pm	Vijay Shah (Mayo Clinic, USA) "Extracellular Vesicles and Alcoholic Liver Disease"	
7:50 pm - 8:00 pm	Discussion	
8:00 pm - 8:20 pm	Li Wang (University of Connecticut, USA) "Non-Coding RNA as Novel Regulator of Alcoholic Fatty Liver"	
8:20 pm - 8:30 pm	Discussion	
8:30 pm - 8:50 pm	Won-IL Jeong (KAIST, South Korea) "Exosomes and TLR3 in Liver Fibrosis"	
8:50 pm - 9:00 pm	Discussion	
9:00 pm - 9:10 pm	Short Talk Selected from Poster Abstracts	
9:10 pm - 9:15 pm	Discussion	
9:15 pm - 9:25 pm	Short Talk Selected from Poster Abstracts	
9:25 pm - 9:30 pm	Discussion	
Wednesday		
7:30 am - 8:30 am	Breakfast	
9:00 am - 12:30 pm		
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2017/1/18	Gordon Research Conferences - 2017 Meeting - Alcohol-Induced End Organ Diseases
8:30 pm - 8:50 pm	Narayan Avadhani (University of Pennsylvania, USA) "Mitochondria-Targeted Cyp2E1 Modulates Alcohol Liver Toxicity"
8:50 pm - 9:00 pm	Discussion
9:00 pm - 9:10 pm	Short Talk Selected from Poster Abstracts
9:10 pm - 9:15 pm	Discussion
9:15 pm - 9:25 pm	Short Talk Selected from Poster Abstracts
9:25 pm - 9:30 pm	Discussion
Thursday	
7:30 am - 8:30 am	Breakfast
9:00 am - 12:30 pm	Preclinical/Translational Approaches and Treatment in Alcohol-Associated Diseases
	Discussion Leader: Mack Mitchell (University of Texas Southwestern Medical Center, USA)
9:00 am - 9:20 am	Philippe Mathurin (Centre Hospitalier Universitaire de Lille, France) "Therapeutic Strategy in Severe Alcoholic Hepatitis: From Present to Future Development of New Molecules"
9:20 am - 9:30 am	Discussion
9:30 am - 9:50 am	Ramon Bataller (University of North Carolina at Chapel Hill, USA) "Novel Therapeutic Targets for Alcoholic Hepatitis"
9:50 am - 10:00 am	Discussion
10:00 am - 10:10 am	Short Talk Selected from Poster Abstracts
10:10 am - 10:15 am	Discussion
10:15 am - 10:25 am	Short Talk Selected from Poster Abstracts
10:25 am - 10:30 am	Discussion
10:30 am - 11:00 am	Coffee Break
11:00 am - 11:20 am	George Kunos (National Institutes of Health, USA) "Multitarget Approach for The Pharmacotherapy of Liver Fibrosis"
11:20 am - 11:30 am	Discussion
11:30 am - 11:50 am	Shelly Lu (Cedars-Sinai Medical Center, USA) "Role of SAMe in Liver Injury and Cancer"
11:50 am - 12:00 pm	Discussion
12:00 pm - 12:20 pm	Urszula Iwaniec (Center for Healthy Aging Research, Oregon State University, USA) "Alcohol: A Simple Nutrient with Complex Actions on Bone in the Adult Skeleton"
12:20 pm - 12:30 pm	Discussion
12:30 pm	Lunch
1:30 pm - 4:00 pm	Free Time
4:00 pm - 6:00 pm	Poster Session
6:00 pm	Dinner
7:30 pm - 9:30 pm	Post-Metabolic Signaling and Stress Pathways
	Discussion Leader: Charles Lang (Penn State College of Medicine, USA)
7:30 pm - 7:50 pm	Pal Pacher (National Institute on Alcohol Abuse and Alcoholism, NIH, USA) "Deleterious Effects of Binge Drinking on Chronic Ethanol Feeding-Induced Metabolic

2017/1/18	Gordon Research Conferences - 2017 Meeting - Alcohol-Induced End Organ Diseases Dysregulation and Cardiovascular Dysfunction in Mice"
7:50 pm - 8:00 pm	Discussion
8:00 pm - 8:20 pm	Jason Gardner (LSU Health Sciences Center New Orleans, USA) "Alcohol and The Heart: Interference of Compensatory Remodeling"
8:20 pm - 8:30 pm	Discussion
8:30 pm - 8:50 pm	Daria Mochly-Rosen (Stanford University School of Medicine, USA) "Ethanol and Precision Medicine: New Considerations for an Old Problem"
8:50 pm - 9:00 pm	Discussion
9:00 pm - 9:10 pm	Short Talk Selected from Poster Abstracts
9:10 pm - 9:15 pm	Discussion
9:15 pm - 9:25 pm	Short Talk Selected from Poster Abstracts
9:25 pm - 9:30 pm	Discussion
Friday	
7:30 am - 8:30 am	Breakfast

9:00 am

Departure