



STATE OF THE SCIENCE SUMMIT



State of the Science Summit

Reducing Methane from Animal Agriculture

May 19-21, 2025 UC Davis ARC Ballroom

Day 1

1 - 2 PM	Regulatory Approval Process and Q&A California Department of Food and Agriculture, Commercial Feed Regulatory Program
2:30 - 3:30 PM	Regulatory Approval Process and Q&A AgriZero New Zealand Process and Q&A
5 - 6 PM	State of the Science Summit Registration Opens and Reception
6 - 6:30 PM	Opening Keynote Ilissa Ocko, Spark Climate Solutions
6:30 - 7 PM	State of the Science: Reducing Methane from Animal Agriculture Frank Mitloehner, UC Davis CLEAR Center



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Day 2

7:30 - 8 AM	Breakfast and Registration
8 - 8:15 AM	Karen Ross , Secretary, California Department of Food and Agriculture
8:15 - 8:45 AM	Nationally Determined Contributions to Reduce Emissions Aimable Uwizeye , Livestock Policy Officer United Nations Food and Agriculture Organization
8:45 - 9:45 AM	International Perspectives on Livestock Methane Moderator: Ermias Kebreab , UC Davis Anna Trillingsgaard , The Trade Council, Denmark John Roche , Chief Science Officer, Ministry of Primary Industries, New Zealand Sathish Raju , CEO, Maharashtra Livestock Development Board (MLDB) Gianni Motta , Head of Innovation, INAC, Uruguay



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9:45 - 10 AM	Break
10 - 11 AM	Leveraging Genetics for Low Methane Livestock Moderator: Robert Banks , Global Methane Hub Troy Rowan , University of Tennessee Birgit Gredler-Grandl , Wageningen University Alison Van Eenennaam , UC Davis Matthew Cleveland , ABS Global Elly Navajas , INIA
11 - 11:45 AM	Advancements and Barriers Toward a Methane Reducing Vaccine Moderator: Paul Wood , Global Methane Hub Colin South , Arkea Bio David Aitken , Lucidome Bio John Hammond , Pirbright Institute
11:45 AM - 1:15 PM	Lunch and Poster Session



<p>1:15 - 2 PM</p>	<p>Measuring Cattle Methane Emissions and Reductions</p> <p>Moderator: Karen Beauchemin, Global Methane Hub Sara Place, AgNext, Colorado State University Chris Konek, Global Methane Hub Joe McFadden, Cornell University Luis Tedeschi, Texas A&M</p>
<p>2 - 2:45 PM</p>	<p>Emerging Feed Additives and Delivery Mechanisms to Reduce Enteric Methane</p> <p>Moderator: Frank Mitloehner, UC Davis George Reeves, Ruminant Biotech Spencer Diamond, Innovative Genomics Institute Ratul Chowdhury, Iowa State University More Panelists to Come</p>
<p>2:45 - 3 PM</p>	<p>Break</p>
<p>3 - 3:45 PM</p>	<p>Productivity from Enteric Methane Mitigation: Fact, Fiction, and Reality</p> <p>Moderator: Sinead Leahy, New Zealand Agricultural Greenhouse Gas Research Centre Sara Place, AgNext, Colorado State University Matthias Hess, UC Davis Rod Mackie, University of Illinois Jed Asmus, January Innovation, Inc.</p>



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3:45 - 4:30 PM	<p>Beef Pathways to Climate Neutrality Moderator: Sam Werth, U.S. Roundtable for Sustainable Beef Steve Wooten, Cattle Rancher Greg Thoma, AgNext, Colorado State University Jason Rowntree, Michigan State University More Panelists to Come</p>
4:30 PM	<p>Gary S. May, Chancellor UC Davis</p>
5 - 6 PM	<p>Reception</p>



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Day 3

8 - 9 AM	Breakfast
9 - 9:15 AM	Helene Dillard, Dean , College of Agricultural and Environmental Sciences, UC Davis
9:15 - 10 AM	Financial Perspectives on Methane Mitigation Initiatives Renata Medeiros , ING Will Arnesen , University of Chicago, Market Shaping Accelerator Panelists to be Announced
10 - 10:45 AM	Public and Private Investment in Methane Mitigation Research, Technologies, and Adoption Moderator: Charles Brooke , Spark Climate Solutions Lauren Singer , Overview Capital Ruth Leary , AgriZeroNZ Juan Tricarico , Greener Cattle Initiative Hayden Montgomery , Global Methane Hub
10:45 - 11 AM	Break



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<p>11 AM - 12 PM</p>	<p>Communicating Methane Mitigation in Animal Agriculture Moderator: Joe Proudman, UC Davis CLEAR Center Natalie Kovarik, Kovarik Cattle Co., Discover Ag Podcast Jamie Luke, Michigan State University Ginger Orton, University of Georgia Kelly Davidson, University of Delaware</p>
<p>12 - 2 PM</p>	<p>Lunch and Poster Session</p>
<p>2 - 2:30 PM</p>	<p>Unexplored Impacts and Associations of Physiology in Methane Emissions Kelly Nichols, UC Davis Maggie Gill, University of Aberdeen</p>
<p>2:30 - 3:15 PM</p>	<p>Carbon Markets Role in Facilitating Livestock Methane Reductions Paul Myer, Athian Martha Baker, Alltech More Panelists to Come</p>
<p>3:15 - 3:30 PM</p>	<p>Break</p>



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3:30 - 4:15 PM	<p>Facilitating Solutions in the Supply Chain Moderator: Michael Boccadoro, Dairy Cares Katie Cook, Elanco Daniel Peerless, Nestle Sarah Fox, JBS USA Anshuman Bhatia, Mars Snacking</p>
4:15 PM	<p>Ermias Kebreab, UC Davis</p>
6 PM	<p>No-Host Reception</p>