



**State of the Science Summit**

Reducing Methane from Animal Agriculture

May 19-21, 2025 UC Davis ARC Ballroom

**Day 1**

1 - 2 PM	<b>Regulatory Approval Process and Q&amp;A</b> California Department of Food and Agriculture, Commercial Feed Regulatory Program
2:30 - 3:30 PM	<b>Regulatory Approval Process and Q&amp;A</b> AgriZero New Zealand Process and Q&A
5 - 6 PM	<b>State of the Science Summit Registration Opens and Reception</b>
6 - 6:15 PM	<b>Opening Keynote</b> Ilissa Ocko, Spark Climate Solutions
6:15 - 6:30 PM	<b>State of the Science: Reducing Methane from Animal Agriculture</b> Frank Mitloehner, UC Davis CLEAR Center



Day 2

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



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





1:15 - 2 PM	<p><b>Measuring Cattle Methane Emissions and Reductions</b></p> <p><b>Moderator: Karen Beauchemin</b>, Global Methane Hub</p> <p><b>Sara Place</b>, AgNext, Colorado State University</p> <p><b>Chris Konek</b>, Global Methane Hub</p> <p><b>Joe McFadden</b>, Cornell University</p> <p><b>Luis Tedeschi</b>, Texas A&amp;M</p>
2 - 2:45 PM	<p><b>Emerging Feed Additives and Delivery Mechanisms to Reduce Enteric Methane</b></p> <p><b>Moderator: Frank Mitloehner</b>, UC Davis</p> <p><b>Karen Beauchemin</b>, Global Methane Hub</p> <p><b>Spencer Diamond</b>, Innovative Genomics Institute</p> <p><b>Ratul Chowdhury</b>, Iowa State University</p> <p><b>Ermias Kebreab</b>, UC Davis</p> <p><b>Mallory Honan</b>, Environmental Defense Fund</p>
2:45 - 3 PM	<p><b>Break</b></p>



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3 - 3:45 PM	<p><b>Productivity from Enteric Methane Mitigation: Fact, Fiction, and Reality</b></p> <p><b>Moderator: Sinead Leahy</b>, New Zealand Agricultural Greenhouse Gas Research Centre</p> <p><b>Sara Place</b>, AgNext, Colorado State University</p> <p><b>Matthias Hess</b>, UC Davis</p> <p><b>Rod Mackie</b>, University of Illinois</p> <p><b>Jed Asmus</b>, January Innovation, Inc.</p>
3:45 - 4:30 PM	<p><b>Beef Pathways to Climate Neutrality</b></p> <p><b>Moderator: Sam Werth</b>, U.S. Roundtable for Sustainable Beef</p> <p><b>Steve Wooten</b>, Cattle Rancher</p> <p><b>Greg Thoma</b>, AgNext, Colorado State University</p> <p><b>Jason Rowntree</b>, Michigan State University</p> <p><b>Sarah Klopatek</b>, JBS USA</p>
4:30 PM	<p><b>Gary S. May</b>, Chancellor UC Davis</p>
5 - 6 PM	<p><b>Reception</b></p>



Day 3

8 - 9 AM	Breakfast
9 - 9:15 AM	<b>Helene Dillard</b> , Dean, College of Agricultural and Environmental Sciences, UC Davis
9:15 - 10 AM	<b>Financial Perspectives on Methane Mitigation Initiatives</b> <b>Moderator: Will Arnesen</b> , University of Chicago, Market Shaping Accelerator <b>Renata Medeiros</b> , ING <b>Jonathan Kennedy</b> , AgWest Farm Credit <b>Greg Aguilar</b> , Rabo AgriFinance <b>Myriah Johnson</b> , Farm Credit Services of America
10 - 10:45 AM	<b>Public and Private Investment in Methane Mitigation Research, Technologies, and Adoption</b> <b>Moderator: Charles Brooke</b> , Spark Climate Solutions <b>Lauren Singer</b> , Overview Capital <b>Ruth Leary</b> , AgriZeroNZ <b>Juan Tricarico</b> , Greener Cattle Initiative <b>Hayden Montgomery</b> , Global Methane Hub





10:45 - 11 AM	Break
11 AM - 12 PM	<p><b>Communicating Methane Mitigation in Animal Agriculture</b></p> <p><b>Moderator: Joe Proudman</b>, UC Davis CLEAR Center <b>Natalie Kovarik</b>, Kovarik Cattle Co., Discover Ag Podcast</p> <p><b>Jamie Luke</b>, Michigan State University <b>Ginger Orton</b>, University of Georgia <b>Kelly Davidson</b>, University of Delaware</p>
12 - 2 PM	Lunch and Poster Session
2 - 2:30 PM	<p><b>Unexplored Impacts and Associations of Physiology in Methane Emissions</b></p> <p><b>Kelly Nichols</b>, UC Davis <b>Maggie Gill</b>, University of Aberdeen</p>



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2:30 - 3:15 PM	<p><b>Carbon Markets Role in Facilitating Livestock Methane Reductions</b></p> <p><b>Moderator:</b> Claire Mahony, Managing Director, Ceres &amp; Co and Industry Advisory Group, ZNE Ag CRC</p> <p><b>Paul Myer</b>, Athian</p> <p><b>Martha Baker</b>, Alltech</p> <p><b>Jenny Farmer</b>, Livestock Data for Decisions</p> <p><b>Steve Shehadey</b>, Bar 20 Dairy</p>
3:15 - 3:30 PM	<p><b>Break</b></p>
3:30 - 4:30 PM	<p><b>Facilitating Solutions in the Supply Chain</b></p> <p><b>Moderator:</b> Michael Boccadoro, Dairy Cares</p> <p><b>Katie Cook</b>, Elanco</p> <p><b>Sarah Klopatek</b>, JBS USA</p> <p><b>Anshuman Bhatia</b>, Mars Snacking</p> <p><b>Joanna Lyons</b>, Deloitte Consulting LLP</p> <p><b>Vrashabh Kapate</b>, EDF</p>
4:30 PM	<p><b>Ermias Kebreab</b>, UC Davis</p>
6 PM	<p><b>No-Host Reception - Ruhstaller Farm</b></p> <p>6686 Sievers Rd, Dixon, CA 95620</p>