

Lipid Oxidation in Foods: Strategies to Control Rancidity and Decrease Food Waste

April 28, 2024, Montréal, Quebec, Canada

Location: Palais des Congrès Montréal, 1001 Jean Paul Riopelle PI Montréal QC H2Z 1H5 Canada

Before the 2024 AOCS Annual Meeting & Expo and Sustainable Protein Forum

Organizers: Eric Decker, Professor, University of Massachusetts, Amherst, USA, and Charlotte Jacobsen, Professor, Head of Research Group for Bioactives – Analysis and Application, National Food Institute, Denmark

- Morning refreshments and lunch are included for attendees and instructors.

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9:00 am-4:35 pm EDT (UTC -4) | Course Program / 5:30-7:00 pm EDT (UTC -4) | Welcome Reception

Time EDT (UTC -4)	Duration (Minutes)	Topic/ Title	Instructor
9:00-9:10 am	10	Welcome	Eric Decker, Professor, University of Massachusetts, Amherst, USA
9:10-10:30 am	80	Fundamentals of Lipid Oxidation	Eric Decker, Professor, University of Massachusetts, Amherst, USA
10:30-10:40 am	10	Q&A	
10:40-11:00 am	20	Break with Refreshments	
11:00 am-12:15 pm	75	Antioxidants Technologies	Charlotte Jacobsen, Professor, Head of Research Group for Bioactives – Analysis and Application, National Food Institute, Denmark
12:15-12:25 pm	10	Q&A	
12:25-1:25 pm	60	Lunch	
1:25-2:10 pm	45	Methods to Measure Oxidation and Antioxidants	Bingcan Chen, Associate Professor, North Dakota State University, USA
2:10-2:40 pm	30	Oxidation in Emulsions	Charlotte Jacobsen, Professor, Head of Research Group for Bioactives – Analysis and Application, National Food Institute, Denmark
2:40-3:10 pm	30	Oxidation in Low Moisture Foods	Eric Decker, Professor, University of Massachusetts, Amherst, USA
3:10-3:20 pm	10	Q&A	
3:20-3:35 pm	15	Break	
3:35-4:05 pm	30	Oxidation in Frying Oils	Jill Winkler-Moser, Research Scientist, United States Department of Agriculture, Agricultural Research Service NCAUR, Functional Foods Research, USA
4:05-4:35 pm	30	Panel Discussion & Closing Remarks	
5:30-7:00 pm	90	AOCS Annual Meeting & Expo Welcome Reception (Expo Hall) <i>Access is included with your registration. Short Course registrants are welcome to attend for expanded networking opportunities! Beverages and hors d'oeuvres will be served.</i>	