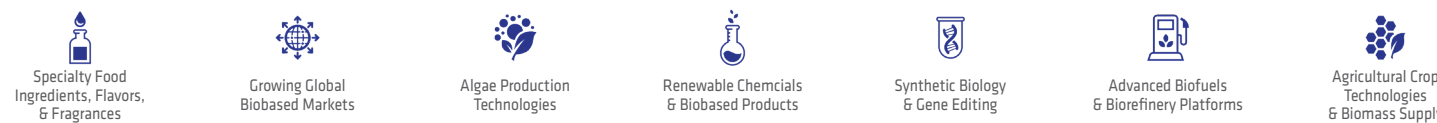


**Breakout Sessions • Tuesday, July 17**

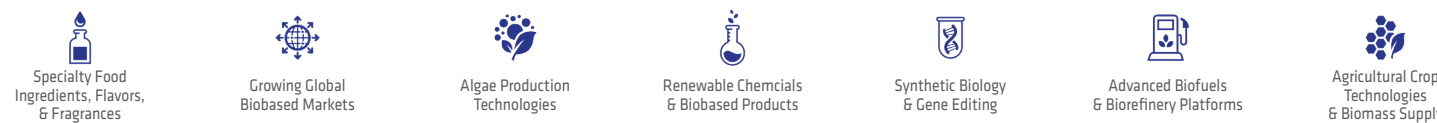


	Company and Technical Presentations Room: 202 B	Specialty Food Ingredients, Flavors, and Fragrances Room: 201 A <i>Sponsored by Evolva</i>	Growing Global Biobased Markets Room: 201 B <i>Sponsored by Unibio</i>	Algae Production Technologies Room: 204 B <i>Sponsored by: Algae Biomass Organization</i>	Renewable Chemicals and Biobased Products Room: 204 A <i>Sponsored by: BASF</i>
<b>GREENTECH INVESTOR SESSIONS: 202 A</b> (see page 18 for full schedule)					
8:30 am	Priti Pharkya, Director, Bioengineering Solutions, Genomatica	<b>Emergence &amp; Commercialization of Next Generation Ingredients in F&amp;F and other Markets</b>	<b>Bio-based Industries Joint Undertaking (BBI JU): A Model of Collaborative Research Building and Structuring the European Bio-based Industry Sector</b>	<b>Microalgae: Your Sustainable Source for Vital Nutrient Solutions</b>	<b>The Sleeping Giant Awakens: 2,5-Furandicarboxylic Acid</b>
8:45 am	Andreas Meyer, CEO, FGen	<b>Kathy Oglesby</b> , Vice President, Flavor, Fragrance and Cosmetics Ingredients, Amyris	<b>Philippe Mengal</b> , Executive Director, Bio-based Industries Joint Undertaking (BBI JU)	<b>Valerie Harmon</b> , CEO, Harmon Consulting Inc	<b>Michael Saltzberg</b> , Global Business Director, Biomaterials, DuPont
9:00 am	Shulin Chen, Professor, Washington State University	<b>Emmanuel Petiot</b> , CEO, Deinove	<b>Sami-Pekka Rantanen</b> , Sales Director, MetGen	<b>Ross Zirkle</b> , Director of Molecular Biotechnology, DSM Nutritional Products	<b>Marc den Hartog</b> , Executive Vice President, Biobased Innovations, Corbion
9:15 am	Elizabeth Frayne, President, Frayne Consultants	<b>Edi Eliezer</b> , Senior Vice President, Conagen	<b>Christophe Luguel</b> , Head of International Affairs, IAR-Pole	<b>Emily Pankow Fritz</b> , Technical Services Manager, Active Wellness Platform, Kemin Human Nutrition & Health	<b>Patrick Schiffrers</b> , CEO, Synvina
9:30 am	Tyler Korman, Associate Project Scientist, UCLA	<b>Giovanni Salerno</b> , Senior Vice President, Evolva	<b>Giulia Gregori</b> , Director of Strategic Planning & Corporate Communication, Novamont	<b>Ed Legere</b> , CEO, Algenol	<b>Celene DiFranca</b> , Head of Products, Origin Materials
9:45 am	<b>REFRESHMENT BREAK</b> (Located in Exhibit Hall) • <i>Sponsored by: Knobbe Martens</i>			<b>REFRESHMENT BREAK</b> (Located in Exhibit Hall) • <i>Sponsored by: Knobbe Martens</i>	
10:15 am	Nigel Mouncey, Director, DOE Joint Genome Institute	<b>GRAS Conclusions: An Uncompromising Approach to Facilitate Market Access for Safe Food Ingredients from Industrial Biotechnology</b>	<b>Bio-Industrial Investment in South America</b>	<b>Test in the Lab, Field, or Somewhere in Between? Are There Strategies to Fast Track Algae Biofuels and Products Research?</b>	<b>Renewable Chemicals Making Headway into New Materials and Consumer Biobased Products</b>
10:30 am	Jose Manuel Baena, CEO, REGEMAT 3D	<b>Vincent Sewalt</b> , Senior Director of Product Stewardship & Regulatory, DuPont Industrial Biosciences	<b>Steve Fabijanski</b> , President & CEO, Agrisoma	<b>Devin Lambert</b> , Technology Manager, Department of Energy, Bioenergy Technologies Office	<b>John Shaw</b> , President, Itaconix Corporation
10:45 am	Honourable Cameron Dick, Queensland Minister for State Development, Manufacturing, Infrastructure and Planning, Queensland Government	<b>Diane Shanahan</b> , Director, Regulatory Affairs, BASF Enzymes LLC	<b>Martin Vidal</b> , Ambassador of Uruguay to Canada, Uruguay Chief Delegate to ICAO Council	<b>Rebecca White</b> , VP Operations, Qualitas Health	<b>David Sudolsky</b> , CEO, Anellotech
11:00 am	Pin-Ching Maness, Principal Scientist, National Renewable Energy Laboratory	<b>James LaMarta</b> , Senior Manager, Regulatory Affairs, DSM Nutritional Products	<b>Daniel Vázquez</b> , Coordinador de Plataforma de Agroalimentos, INIA	<b>John McGowen</b> , Portfolio Manager, Arizona State University	<b>Lisa Kennedy</b> , Director, Business Development, Genomatica
11:15 am	Scott Baker, Scientist, Team Lead, Pacific Northwest National Laboratory	<b>Lauren VieBrock</b> , Consumer Safety Officer/Microbiology Reviewer, FDA	<b>Atilio Deana</b> , Head of Research Valorization and Technology Transfer, PEDECIBA/Uruguay XXI	<b>Taraka Dale</b> , Scientist, Los Alamos National Laboratory	<b>Richard Pieters</b> , President, Products, Zymergen
11:30 am - 1:00 pm	<b>LUNCH PLENARY - CRISPR and Gene Editing Tools to Advance Industrial Biotechnology</b>			<b>LUNCH PLENARY - CRISPR and Gene Editing Tools to Advance Industrial Biotechnology</b>	
1:15 pm	Martin Mitchell, Business Development Manager Americas - Biofuels & Derivatives, Clariant	<b>How Biology is Transforming the Future of Our Food System</b>	<b>Scaling to Commercial: Unlocking the Value of Digital Biology</b>	<b>Scaling up Algae Omega 3s: New Applications and More on the Horizon</b>	<b>Sustainable and Performance Based Bioplastics and Biopolymers</b>
1:30 pm	Karl Seck, CEO, Mercurius Biorefining	<b>Scott Nichols</b> , President, Food Futures	<b>Joel Stone</b> , President, ConVergInce Advisers LLC	<b>Jill Kauffman Johnson</b> , Head of Sustainability and External Affairs, Corbion	<b>Todd Sutton</b> , President, DuPont Tate & Lyle Bio Products
1:45 pm	Geoffrey Bell, CEO, Microbiogen Pty Ltd	<b>Larry Feinberg</b> , CEO, KnipBio	<b>Tim Staub</b> , CEO, Fermentum	<b>Shannon Falconer</b> , CEO and Co-founder, BecauseAnimals	<b>Eelco Blum</b> , Vice President, Business Development, Renewable Chemistries, Avantium
2:00 pm	Pramod Kumbhar, Executive Vice President, Praj Matrix	<b>Arturo Elizondo</b> , CEO, Clara Foods	<b>Jeff Passmore</b> , CEO, Passmore Group Inc.	<b>Marcel Wubboldts</b> , Chief Technology Officer, Corbion	<b>Jens Klein</b> , Managing Director/CEO, AmSilk
2:15 pm	Jie Wang, PhD Candidate, University of Alberta	<b>Richard Broglie</b> , CTO, Pivot Bio	<b>Kristan Wadrop</b> , Business Unit Director, Centre for Process Innovation Limited	<b>Rebecca White</b> , VP Operations, Qualitas Health	<b>Phil Van Trump</b> , CTO, Danimer Scientific
2:30 pm	<b>REFRESHMENT BREAK</b> (Located in Exhibit Hall) • <i>Sponsored by: Agrisoma</i>			<b>REFRESHMENT BREAK</b> (Located in Exhibit Hall) • <i>Sponsored by: Agrisoma</i>	
3:00 pm	Paul Langston, Business Development & Licensing Manager, TechnipFMC	<b>Advancements in Industrial Production of Food Enzymes and Ingredients from New Technology Platforms</b>	<b>Investing in Transformation: A Breakthrough Business and Partnering Approach in the Port of Rotterdam</b>	<b>Algae: A Top Food Trend Today, Potential for Food Security Tomorrow?</b>	<b>Bioprocessing Separations Technology to Move Renewable Chemicals and Biofuels to Market</b>
3:15 pm	Hideyuki Tsukii, Epicerol® Business Manager, Advanced Biochemical (Thailand) Co., Ltd.	<b>Andreas Buthe</b> , Head of Innovation, c-Lecta	<b>Peter Nieuwenhuizen</b> , CTO, AkzoNobel Specialty Chemicals	<b>Matt Carr</b> , Executive Director, ABO	<b>Todd Pray</b> , Department & Program Head, Advanced Biofuels & Bioproducts Process Development Unit, Lawrence Berkeley National Lab
3:30 pm	Muriel Dewilde, Business Development Manager, Bio Base Europe Plant	<b>David Demirjian</b> , CEO, ZuChem	<b>David McConnell</b> , Vice President, Business Development, North America, Enerkem	<b>Jill Kauffman Johnson</b> , Head of Sustainability and External Affairs, Corbion	<b>Derek Griffin</b> , Engineering Technology Manager, LanzaTech
3:45 pm	Michael Japs, Senior Director, Process Technology, Genomatica	<b>C.L. Rathi</b> , CEO, Advanced Enzyme Technologies Ltd.	<b>William Lese</b> , Managing Partner, Braemar Energy Ventures	<b>Alvyn Severien</b> , Co-founder and CEO, Algama	<b>Erik Hagberg</b> , Technical Director, Renewable Chemicals, Archer Daniels Midland (ADM)
4:00 pm	Lucy Natrass, Project Leader, Bio-based Materials, AkzoNobel Specialty Chemicals	<b>Henrik Busch-Larsen</b> , CEO, Unibio	<b>Stijn Effting</b> , Business Manager, Chemical & Biobased Industry, Port of Rotterdam		<b>Jennifer Dunn</b> , Director of Research, Northwestern-Argonne Institute for Science and Engineering
4:30 pm - 5:30 pm	GRAND EXHIBIT HALL RECEPTION			GRAND EXHIBIT HALL RECEPTION	

# Breakout Sessions • Wednesday, July 18



	Company and Technical Presentations Room: 202 A	Company and Technical Presentations Room: 202 B	Synthetic Biology and Gene Editing Room: 201 A <i>Sponsored by: U.S. Department of Energy</i>	Advanced Biofuels and Biorefinery Platforms Room: 201 B <i>Sponsored by: POET-DSM Advanced Biofuels</i>	Agricultural Crop Technologies and Biomass Supply Room: 204 B	Room: 204 A
8:15 am - 9:45 am	BREAKFAST PLENARY – Biobased Materials Redesigning Consumer Markets and Fashion Trends <i>Sponsored by: DuPont Biomaterials</i>			BREAKFAST PLENARY – Biobased Materials Redesigning Consumer Markets and Fashion Trends <i>Sponsored by: DuPont Biomaterials</i>		
9:45 am	REFRESHMENT BREAK (Located in Exhibit Hall)			REFRESHMENT BREAK (Located in Exhibit Hall)		
10:15 am	Sponsored Workshops ▶		<b>USDA BioPreferred® Program Stakeholder Meeting</b> MODERATOR: Linda Mesaros, USDA SPEAKERS: Karen Edwards, United Soybean Board Elizabeth Lewis, USDA Kate Lewis, USDA Rina Singh, Biotechnology Innovation Organization Karen Zhang, USDA  <i>Presented by:</i> 	<b>A Thriving Bioeconomy: USDA's Role, Outreach, and Finance Programs</b> MODERATOR: Venus Welch-White, USDA SPEAKERS: Toby Ahrens, USDA Chris Cassidy, USDA Ed Legere, Algenol Kevin Scully, USDA  <i>Presented by:</i> 	<b>Renewable Chemicals and Biofuels Processes Use of Sartorius ambr®250 platform and Umetrics Software for Process Optimization, Scale-up and Advanced Analytics</b> MODERATOR: James Iademarco, Strategic Avalanche SPEAKERS: Sergio Florez, Ginkgo Bioworks Kevin McHugh, Sartorius Stedim Biotech Anna Persson, Sartorius Stedim Data Analytics  <i>Presented by:</i> 	<b>Successful Deals on How to Structure and Close Biobased Economy Financing</b> CO-MODERATORS: John Kirkwood, Faegre Baker Daniels LLP Mark Riedy, Kilpatrick Townsend & Stockton LLP SPEAKERS: Jon Cozens, New Energy Risk Les Krone, Stern Brothers Emily Landsburg, Ultra Capital Nick Roederer, Raymond James  <i>Presented by:</i> 
10:30 am						
10:45 am						
11:00 am						
11:30 am						
11:30 am - 1:00 pm	LUNCH PLENARY – Industrial Biotech Thought Leaders: Winners of the George Washington Carver and Rosalind Franklin Awards <i>Sponsored by: Intrexon Corporation</i>			LUNCH PLENARY – Industrial Biotech Thought Leaders: Winners of the George Washington Carver and Rosalind Franklin Awards <i>Sponsored by: Intrexon Corporation</i>		
1:30 pm	<b>Monique Wekking</b> , Senior Business Development Manager, TNO	<b>Larissa Rose</b> , Managing Director, Queensland Renewable Fuels Association	<b>The Intersection of Biology, Robotics, and Deep (Machine) Learning</b> Noah Helman, CSO, Industrial Microbes Patrick Boyle, Head of Design, Ginkgo Bioworks Alexandre Zanghellini, Co-Founder and CEO, Arzeda, Inc. Jim Lalonde, Senior Vice President, R&D, Codexis	<b>Development of Biorefinery Projects to Convert Forestry Residues to Renewable Fuels</b> Philipp Stratmann, Vice President, Biofuels, Velocys Taite McDonald, Partner, Holland & Knight Jon Cozens, Chief Commercial Officer, New Energy Risk John Gallagher, Director, SMBC	<b>Canadian Federal Institutes Research Biomass Development for Sustainability</b> Sandy Marshall, Executive Director, Bioindustrial Innovation Canada Douglas Singbeil, Sector Leader, Bioproducts, fplnnovations Benoit Girard, Director, Research Coastal Regions, Agriculture and Agri-Food Canada Jim Johnston, Director, Strategic Initiatives, National Research Council	
1:45 pm	<b>Karolien Vanbroekhoven</b> , R&D Manager, VITO	<b>Phil Kozaera</b> , Executive Director, Bio Nebraska Life Sciences Association	<b>Biofoundries and Industrial Production</b> Michael Koepke, Head of Synthetic Biology, LanzaTech Emily Leproust, CEO, Twist Bioscience Jay Fitzgerald, Program Manager, US Department of Energy Michael Fero, CEO, TeselaGen	<b>Whisky Galore &amp; More: Maximising Value from Distilleries</b> Roger Kilburn, CEO, Industrial Biotechnology Innovation Centre (IBioIC) Douglas McKenzie, CEO, Xanthella Ltd. Ian Archer, Technical Director, Industrial Biotechnology Innovation Centre (IBioIC) Aboubakry Diallo, Strategic Development Director, Horizon Protein Ltd.	<b>Nutrigenomics: Bridging the Gap Between Agriculture and Health</b> Sagadevan Mundree, Professor and Director, Queensland University of Technology Fayaz Khazi, President, Precision Biosciences Sita Chimire, Senior Scientist, Biosciences Eastern Central Africa Innovation Centre Vanessa Bailey, Director, Pacific Northwest National Laboratory	
2:00 pm	<b>Joop Groen</b> , Senior Business Developer, ECN	<b>Rolf Hogan</b> , Executive Director, Roundtable on Sustainable Biomaterials				
2:15 pm	<b>Mervi Toivari</b> , Principal Scientist, VTT Technical Research Centre of Finland Ltd	<b>Andreas Worberg</b> , Director, The Novo Nordisk Foundation Center for Biosustainability				
2:30 pm	<b>Ben Curatolo</b> , President, Light Curable Coatings	<b>Christophe Dardel</b> , CEO, EnobraQ				
2:45 pm	<b>Michael Belliveau</b> , Vice President, Biobased Maine	<b>Jill Zullo</b> , Vice President, Bioindustrials, Cargill, Inc.				
3:00 pm	<b>Hermant Pendse</b> , FBRI Director and Professor, University of Maine Forest Bioproducts Research Institute	<b>Mateus Garcez Lopes</b> , Global Manager, Innovation in Renewable Technologies, Braskem				
3:15 pm	<b>Stephen Fitzpatrick</b> , CEO, Biofine Technology	<b>Akeanong Jangbua</b> , Chief Operating Officer, Food Innopolis; Assistant Secretary General, National Science Technology and Innovation Policy Office (STI)				
3:30 pm	<b>Michael Carus</b> , Managing Director, nova-Institut	<b>Rawee Teanpaisan</b> , Faculty of Dentistry, Prince of Songkla University, Thailand				
3:45 pm	<b>Martha Marrapese</b> , Partner, Wiley Rein LLP	<b>Rod Badcock</b> , Principal Partner, BioApplied Innovation Pathways				
4:00 pm - 5:30 pm	BUSINESS PARTNERING RECEPTION / POSTER PRESENTATIONS <i>Sponsored by: Holland Biotech Pavilion</i>			BUSINESS PARTNERING RECEPTION / POSTER PRESENTATIONS <i>Sponsored by: Holland Biotech Pavilion</i>		



# Breakout Sessions • Thursday, July 19

BREAKOUT SESSIONS

BREAKOUT SESSIONS

	Company and Technical Presentations Room 202 A	Company and Technical Presentations Room 202 B	Synthetic Biology and Gene Editing Room: 201 A <i>Sponsored by: U.S. Department of Energy</i>	Advanced Biofuels and Biorefinery Platforms Room: 201 B <i>Sponsored by: POET-DSM Advanced Biofuels</i>	Agricultural Crop Technologies and Biomass Supply Room: 204 B
8:30 am	<b>Marcel Lubben</b> , CEO, Reverdia	<b>Paul Hudman</b> , Technical Director, 3F BIO Ltd	<b>Biotechnology: Enabling the Biobased Economy</b> <b>Kevin Jarrell</b> , CEO, Modular Genetics <b>Daniel Maceachran</b> , Head of Metabolic Engineering, Braskem <b>Neil Parry</b> , R&D Program Director, Unilever <b>David Golden</b> , Senior VP, Chief Legal & Sustainability Officer Corporate Secretary, Eastman Chemical Company	<b>Commercializing Gas Fermentation for the Production of Value Added Products</b> <b>Bryan Yeh</b> , Vice President, Process Technologies, Intrexon Corporation <b>Cecil Massie</b> , Senior Process Engineer, Wood Group <b>Marina Kalyuzhnaya</b> , Professor, San Diego State University <b>Brian Ratigan</b> , Principal, Brian Ratigan Consulting	<b>Developing Microbial Solutions to Advance Sustainable Agricultural Productivity</b> <b>Paul Zorner</b> , President and CEO, Locus Agricultural Solutions <b>Larry Walker</b> , Co-Editor-in-Chief, Industrial Biotechnology <b>Donald Marvin</b> , President and CEO, Inocor <b>Janne Kerovou</b> , Vice President, Research and Discovery, NewLeaf Symbiotics
8:45 am	<b>Hugh Welsh</b> , President and General Counsel, DSM	<b>Rishi Jain</b> , Principal Technologist, Praj Industries Ltd.			
9:00 am	<b>Peter van Gelderen</b> , General Partner, CIO, Icos Capital	<b>Alexander Oelke</b> , Senior Manager, Global Business Development, Lonza Ltd.			
9:15 am	<b>Stefano Facco</b> , New Business Development Director, Novamont SpA	<b>Rainer Figge</b> , Director, Business Development, Alderys			
9:30 am	<b>Jeff Uhrig</b> , CEO, Sirrus, Inc.	<b>Xun Wang</b> , President & CEO, Triton Algae Innovations			
9:45 am	REFRESHMENT BREAK (Located in Exhibit Hall)		REFRESHMENT BREAK (Located in Exhibit Hall)		
10:15 am	<b>Kirsten Steinbusch</b> , CEO, DAB	<b>Karsidete Teeranitayarn</b> , Chief Innovation Officer & Co-Founder, Green Innovative Biotechnology Co., Ltd.	<b>The Innovators Dilemma: The Convergence of Renewable Chemicals and Synthetic Biology</b> <b>Joel Stone</b> , President, ConVergInce Advisers LLC <b>Eric Steen</b> , CEO, Lygos <b>Gihan Hewage</b> , Research Associate, Lux Research Inc. <b>Bryan Tracy</b> , CEO, White Dog Labs	<b>Technology Assessment and Biotech Industry Collaborations: How to Avoid IP Risks When Evaluating Inventions or Sharing Your Technology</b> <b>Charles Collins-Chase</b> , Partner, Finnegan LLP <b>Christine Lhulier</b> , Corporate Counsel, DuPont Industrial Biosciences <b>Marcel Lubben</b> , CEO, Reverdia <b>William Raich</b> , Partner, Finnegan LLP	<b>Technology Breakthroughs in Feedstock Processing: The Path for Chemicals and a New Era in the Bioeconomy</b> <b>Joshua Yuan</b> , Professor and Director, Texas A&M University <b>Imad Ajjawi</b> , Senior Manager, Business Development, Synthetic Genomics Inc <b>Arthur Ragauskas</b> , Governor's Chair, Oak Ridge National Laboratory - University of Tennessee <b>Pramod Chaudhari</b> , Founder, Chairman, Praj Industries
10:30 am	<b>Lisette Tenlep</b> , Senior Research Director, Arbiom	<b>David Smernoff</b> , CTO, HelioBioSys, Inc.			
10:45 am	<b>Justin Stege</b> , Vice President, R&D, Primordial Genetics	<b>Richard Heggs</b> , Board Member, Oilseed Innovation Partners			
11:00 am	<b>Rocco Mancinelli</b> , CEO, HelioBioSys Inc.	<b>Emily Glenn</b> , Business Development Director, Arbiom			
11:15 am	<b>Philippe Gabant</b> , Co-Founder & CSO, Syngulon	<b>Anna Rath</b> , President and CEO, Vestaron			
11:30 am - 1:00 pm	LUNCH PLENARY – Industrial Biotechnology Innovation for AG Feedstock Production Applications <i>Co-Sponsored by: DSM</i>		LUNCH PLENARY – Industrial Biotechnology Innovation for AG Feedstock Production Applications <i>Co-Sponsored by: DSM</i>		