



Agricultural Biotechnology: Bridging Biology and Business

**Location: TCU Place
(Formerly Centennial Auditorium)**

35 – 22nd Street East, Saskatoon, SK Canada

***** Program Subject to change *****

SUNDAY, SEPTEMBER 12, 2010

8:00 am – 4:00 pm	Exhibitor set up – Centennial Hall	
Noon – 7:00 pm	Registration open – main floor	
1:00 pm – 5:00 pm	Flower Power Biodiesel Workshop Open to the Public	
1:30 p.m. – 3:00 pm Location: Sid Buckwold Theatre (main floor of building)	<p style="text-align: center;">PUBLIC FORUM</p> <p style="text-align: center;">John Cross, former President, CEO and Chairman Philom Bios "Bridging Biology and Business". Saskatoon, SK</p> <p style="text-align: center;">Jay Ingram, Co-host of Discovery Channel's <i>Daily Planet</i> "Truth: An inconvenience". Toronto ON</p> <p style="text-align: center;">Public Forum sponsored by: Genome Prairie</p>	
6:00 pm – 10:00 pm	Exhibits open – Centennial Hall	<p style="text-align: center;">Exhibit Hall Opening & Welcome Reception Sponsored by: Genome BC, Genome Alberta and Genome Prairie</p>

Confirmed speakers as at 18 August 2010



MONDAY, SEPTEMBER 13, 2010			
7:00 am – 5:00 pm	Registration Open – Main Floor		
7:00 am – 7:45 am	Continental Breakfast all registered delegates and exhibitors (Centennial Hall, lower level)		
	Speaker Breakfast – Sponsored by AdFarm		
Important notice: all keynote sessions will be held in the Sid Buckwold Theatre, main floor.			
Doors will close 5 minutes prior to presentation and will remain closed for the duration of the presentation.			
8:00 am – 8:15 am	Opening Ceremonies Welcome remarks from the Chair of the ABIC Foundation, Mr. Jerome Konecsni, Director General, National Research Council – Plant Biotechnology Institute; and from the Chair of ABIC 2010, Dr. Wilf Keller, President & CEO, Ag-West Bio Inc		
Location: Sid Buckwold Theatre			
8:15 am – 9:00 am	Agricultural Biotechnology and the Next 10 years: An Investors Perspective Opening Keynote Speaker – Dr. John E. Hamer , Managing Director Malaysia, Latin America, Burrill & Company Agricultural Biotechnology and the Next 10 years: An Investors Perspective		
Location: Sid Buckwold Theatre			
9:00 am – 9:05 am	Dow AgroScience		
9:05 am – 9:45 am	The Coming Famine: risks and solutions for global food security Keynote Speaker – Julian Cribb , Julian Cribb & Associates – Specialists in Science Communication Sponsored by: Dow AgroScience		
Location: Sid Buckwold Theatre			
9:45am – 10:00 am	Greetings from the Honourable Brad Wall, Premier of Saskatchewan.		
Location: Sid Buckwold Theatre			
THEME FOR THE DAY: ENERGY			
Coffee Break	Served in Exhibit Hall, Centennial Hall (lower level) Coffee Break sponsored by: Syngenta		
	ENERGY & BIOPRODUCTS	HEALTH	BUSINESS FORUM
	Meeting Productivity & Bioenergy Challenges	Nutrition & Health	Energy & Bioproducts
	Session sponsored by: University of Saskatchewan Chair: Dr. Anthony Kimaro	Session sponsored by: Alberta Innovates - Bio Solutions Chair:	Session sponsored by: Agrisoma Chair:
10:30 am – 11:00 am	Advances in Bioenergy Crops and Biomass Productivity Dr. Paul Oeller , Syngenta International, Durham, NC, USA	Nutritional Genomics Raymond Rodriguez Director, Center of Excellence in Nutritional Genomics, University of California Davis, USA	Pyrolysis Oil: Heat, Electricity, Green Transportation Fuel, and Chemicals Too Randal Goodfellow Ensyn Technologies Inc., Ottawa, ON Canada
11:00 am – 11:30 am	Cellulosic and Lignocellulosic Bio-Energy Advances Dr. Jack Saddler UBC	Future Grains for Consumer foods with Extra Health Benefits Dr. David Topping Chief Research Scientist, CSIRO Food & Nutritional Sciences, Australia	Competing with Petrochemicals for Products K'Lynne Johnson CEO, Ellevance Renewable Sciences Bolingbrook, IL, USA
11:30 am – Noon	Food, Feed, and Fuel, All On One Planet – The Challenges Ahead Dr. Lee Lynd Thayer School of Engineering at Dartmouth Hanover, NH USA	Probiotics? You want me to put this bacteria where? Dr. Thomas Tompkins Biochemistry and Microbiology Research Director, Institut Rosell Inc. Montreal, QC Canada	Advanced Biofuels David Levin Biosystems Engineering, U of M Winnipeg, MB Canada
Lunch	Served in Exhibit Hall, Centennial Hall (lower level)		
	ENERGY & BIOPRODUCTS	HEALTH	SUSTAINABILITY
	Building the Biorefinery	Food Safety	Economics of Sustainable Biomaterials
	Session sponsored by: University of Saskatchewan Chair:	Session sponsored by: Farm Credit Corporation Chair: Kendra Mueller	Session sponsored by: Sustainable Chemistry Alliance Chair: Dr. Murray McLaughlin



1:30 pm – 2:00 pm		<p>Biofuels and New Feed Opportunities</p> <p>Dr. Colleen Christensen Executive Director, Feeds Innovation Institute, Saskatoon, SK Canada</p>	<p>Zoonotic Diseases: Control by Vaccination</p> <p>Dr. Andrew Potter Director, Vaccine & Infectious Disease Organization (VIDO), Saskatoon, SK Canada</p>	<p>Policy, Economics and IP Protection Considerations</p> <p>Howard Minigh CEO and President, CropLife International, Brussels, Belgium</p>
2:00 pm – 2:30 pm		<p>Bioconversion Advances</p> <p>Dr. Tim Eggeman Chief Technology Officer, ZeaChem Inc., Lakewood, CO, USA</p>	<p>Product Traceability</p> <p>Rick Holley Department of Food Science University of Manitoba, Winnipeg, MB Canada</p>	<p>Ecological Goods and Services of Sustainable Biofuels</p> <p>Dr. Henry (Hank) Venema Director, International Institute for Sustainable Development Winnipeg, MB Canada</p>
2:30 PM – 3:00 PM		<p>Designer Crop Platform</p> <p>Richard Gibson Alberta Innovates – Technology Futures, Calgary, AB Canada</p>	<p>Alternatives to Antibiotics in Livestock Management</p> <p>Dr. Paolo Bosi Animal Production - University Of Bologna, Italy</p>	<p>Economic Benefits of Sustainable Practices</p> <p>Deneen Sebastian Director, Regional Marketing for BASF Corporation Crop Protection (APN/M) North America BASF Crop Protection</p>
Coffee Break	<p>Served in Exhibit Hall, Centennial Hall (lower level) Coffee break sponsored by: The Agri-Technology Commercialization Centre</p>			
		<p>ENERGY & BIOPRODUCTS</p> <p>Microbial Systems for Bioenergy</p> <p>Chair:</p>	<p>HEALTH</p> <p>Neurodegenerative Disease Prevention</p>	<p>SUSTAINABILITY</p> <p>Cropping Strategies</p> <p>Chair: Dr. Brigitte Weston, BASF</p>
3:30 pm – 4:00 pm		<p>Rapid optimization of bioprocesses for the cost superior production of bio-based chemicals</p> <p>Michael Lynch Chief Scientific Officer, OPX Biotechnologies, Boulder, CO, USA</p>	<p>Prion Vaccines (BSE, CWD and CJD)</p> <p>Dr. Scott Napper Research Scientist and Program Manager, Vaccine & Infectious Disease Organization (VIDO), Saskatoon, SK Canada</p>	<p>Conservation of Genetic Resources</p> <p>Dr. Henry Shands</p>
4:00 pm – 4:30 pm		<p>Commercializing Advanced (Second and Third generation) Biofuel Technologies</p> <p>Dr. Alex Berlin Lignol Innovations Ltd.</p>	<p>ALS, Parkinson’s and Alzheimer’s</p> <p>Dr. Neil Cashman Co-Founder & Chief Scientific Officer, Amorfis Life Sciences Ltd.</p>	<p>Finding New Business Opportunities with Sustainability in-mind</p> <p>Jos van Boxtel Arcadia Biosciences</p>
5:00 pm – 10:00 pm		<p>Monday Networking / Reception event sponsored by: Ag-West Bio Inc.</p>		



TUESDAY, SEPTEMBER 14, 2010			
7:00 am – 5:00 pm	Registration open – main floor		
7:00 am – 7:45 am	Continental Breakfast all registered delegates (lower hall) Speaker Breakfast - Sponsored by Crop Development Centre, University of Saskatchewan		
Important notice: all keynote sessions will be held in the Sid Buckwold Theatre, main floor.			
Doors will close 5 minutes prior to presentation and will remain closed for the duration of the presentation.			
8:00 am – 8:20 am	Opening Ceremonies		
Location: Sid Buckwold Theatre			
8:20	Novozymes		
8:25 am – 9:10 am	Agbiotech: The Global Sustainability Challenge Keynote Speaker - Dr. Prem Warrior , Gates Foundation, Seattle, Washington, USA Sponsored by: Novozymes		
Location: Sid Buckwold Theatre			
9:10	Enterprise Saskatchewan		
9:15 am – 10:00 am	The role of Biotechnology in Nutrition and Food Security Keynote Speaker – Dr. Karl Dawson , Alltech Center for Nutrigenomics and Applied Animal Nutrition, Nicholasville, KY, USA Sponsored by: Enterprise Saskatchewan		
Location: Sid Buckwold Theatre			
THEME FOR THE DAY: HUMAN AND ANIMAL HEALTH			
Coffee Break	Served in Exhibit Hall, Centennial Hall (lower level) Coffee break sponsored by: Prairie Plant Systems Inc.		
	ENERGY & BIOPRODUCTS	HEALTH	BUSINESS FORUM
	Bioproducts: Beyond Biofuels Session sponsored by: Alberta Innovates – Bio Solutions Chair:	A Healthy Start: Healthy Moms and Babies Through Nutrition & Epigenetics Chair:	Human & Animal Health Chair: Reno Pontarollo, Genome Prairie
10:30 am – 11:00 am	Biomaterials and Biochemicals – Polyols, Polymers, Microbials Dr. Oliver Peoples Metabolix Inc., Cambridge, Mass., USA	Epigenetic Variation in Human Health and Disease Dr. Michael Kobor Centre for Molecular Medicine and Therapeutics, UBC, Vancouver, BC, Canada	Opportunities of investing in animal health Dr. Mitch Abrahamsen Vice President, Research and Development Cobb-Vantress Siloam Springs, Arkansas, USA
11:00 am – 11:30 am	Thermal Bio-Syngas to Biofuels Loula Merkel Manager of Government Affairs, Coskata, Inc, Illinois, USA	Epigenetics: Neonatal Environment and Nutrition Dr. Susan Ozanne British Heart Foundation, University of Cambridge, Cambridge, UK	Staying Healthy in an Unhealthy World: The Water Dimension Dr. Richard Thomas , United Nations University, INWEH, Assistant Director, Drylands Ottawa, ON, Canada
11:30 am – Noon	The Business of Building a Biorefinery Dr. Joel Kreps Associate Director, Verenum Corporation, California, USA	Micronutrient enhancement through Biofortification Dr. Sherry Tanumihardjo Associate Professor, University of Wisconsin, Madison, WI, USA	Breaking Down Barriers: Advances in Animal Biotechnology Dr. Mark Walton President, ViaGen, Austin, TX, USA
Lunch	Served in Exhibit Hall, Centennial Hall (lower level)		
	ENERGY & BIOPRODUCTS	HEALTH	SUSTAINABILITY
	Advanced & Productive Feedstocks Chair: Dr. Peter Welters, Phytowelt GreenTechnologies GmbH, Germany	Disease Prevention Chair: Andrew A. Potter, Vaccine and Infectious Disease Organization, Saskatoon, SK, Canada	Mitigating Climate Change Session sponsored by: Council for Biotechnology Institute (CBI) Canada Chair: Janice Tranberg, Crop Life Canada



1:30 pm – 2:00 pm		Synthetic Biology Solutions Henrik Scheller Director of Cell Wall Biosynthesis, Lawrence Berkeley National Laboratory, Emeryville, CA, USA	New Developments in Human Vaccines Dr. Luis Barreto Vice President, Immunization Policy & Scientific Affairs, Sanofi Pasteur Limited, Ontario, Canada	Abiotic Stress Tolerance in Cereals Prof. Geoffrey Fincher Deputy CEO, Australian Centre for Plant Functional Genomics, Australia
2:00 pm – 2:30 pm		Cellulosic Biomass Frank Hardimon CERES	Vaccines for Companion animals and Livestock Dr. Richard Harland Head Global Vaccine Lead Finding Novartis Animal Health Canada Inc., Calgary AB Canada	Nutrient and Water Use Efficiency Thomas Ruff Program Director - Yield and Stress Traits, Monsanto, Chesterfield, MO, USA
2:30 PM – 3:00 PM		Oilseeds Dr. Jack Grushcow President & CEO, Linnaeus Plant Sciences, Vancouver, BC, Canada	Innate Defense Regulators Dr. John North Chief Operating Officer, Inimex Pharmaceuticals Inc., Burnaby, BC, Canada	Biotic Resistance Dennis Gonsalves, U.S. Pacific Basin Agricultural Research Center, Hilo, Hawaii
Coffee Break	Served in Exhibit Hall, Centennial Hall (lower level)			
		ENERGY & BIOPRODUCTS Co-Products of the Biorefinery Session Sponsored by: March Consulting Chair: Tara Zrymiak	HEALTH Health Strategies for Emerging Diseases Chair: Sue Abrams, National Research Council – Plant Biotechnology Institute, Saskatoon, SK, Canada	SUSTAINABILITY Sustainable Animal Models Session Sponsored by: Western Canadian Feed Innovation Network (WCFIN) Chair:
3:30 pm – 4:00 pm		Crop Development Approaches Towards Enhanced Cellulosic Ethanol Production Dr. Mark Elless Director of Environmental Technologies, Edenspace Systems Corp, Chantilly, VA, USA	Synthetic Genomics Dr. Jack Newman Amyris Biotechnologies, Inc. Emeryville, CA, USA	Meeting 2050 demand for Animal Protein Dr. Graham Plastow Director, Alberta Bovine Genomics Program, University of Alberta, Edmonton, AB, Canada
4:00 pm – 4:30 pm		Agricultural Waste Utilization Systems Prof. Jean-Michel Lavoie Assistant Professor, Université de Sherbrooke Sherbrooke, QC, Canada	Rapid Detection of Infectious Agents using SiNW Technologies Graeme Frith Exocyte Ltd. UK	Economic Impact of Emerging Food Borne Diseases Dr. Graeme McRae Chairman, President and CEO, Bioniche Life Sciences Inc.
6:45 pm – 10:00 pm	Gala Dinner and Handover Ceremony to ABIC 2011 Sponsored by Bayer Crop Science			



WEDNESDAY, SEPTEMBER 15, 2010			
7:00 am – 5:00 pm	Registration open – main floor		
7:15 am – 8:30 am	Continental Breakfast all registered delegates (lower hall) Speaker Breakfast - Sponsored by: Iris Meck Communications		
Important notice: all keynote sessions will be held in the Sid Buckwold Theatre, main floor.			
Doors will close 5 minutes prior to presentation and will remain closed for the duration of the presentation.			
8:40 am – 8:55 am	Opening Ceremonies		
Location: Sid Buckwold Theatre			
8:55	Saskatchewan Ministry of Agriculture		
9:00 am – 10:00 am	Addressing Environmental Sustainability Through Biotechnology Keynote Speaker – Dr. Clive James, Chairman ISAAA (International Service for the Acquisition of Agri-biotech Applications) Sponsored by: Saskatchewan Ministry of Agriculture. Chair: Ms. Alanna Koch, Deputy Minister, Saskatchewan Ministry of Agriculture		
Location: Sid Buckwold Theatre			
THEME FOR THE DAY: SUSTAINABILITY			
Coffee Break	Served in Exhibit Hall, Centennial Hall (lower level) Coffee break sponsored by: Pulse Growers of Saskatchewan		
	ENERGY & BIOPRODUCTS	HEALTH	BUSINESS FORUM
	Biofuels and the Developing World Chair:	Emerging Health Concerns Chair: Brent Zettl, Prairie Plant Systems	Sustainability Chair: Dr. Roger Kemble, Syngenta
10:30 am – 11:00 am	An International View of Biofuel Impacts in the Developing World Dr. Kanyawim Kirtikara Executive Director, BIOTEC, Thailand	Diseases and Pandemics Dr. David Butler-Jones Canada's Chief Public Health Officer Public Health Agency of Canada	Bringing Depth and Breadth in Biotechnology, Agriculture and Business Stephen H. Lucas Senior Vice President and Chief Technology Officer, Fulcrum BioEnergy, Inc. Pleasanton, CA, USA
11:00 am – 11:30 am	Successes in the Developing World With Biotech and Bioenergy Carsten Lauridsen Director of Research & Development, Novozymes China	Chronic Diseases in High Risk Populations Tim Hutchinson, MSW, MPH Director, Chronic Disease Prevention Division, Centre for Chronic Disease Prevention & Control, The Public Health Agency of Canada	Lifecycle Analysis and Modeling for Sustainability Don O'Connor President, S&T Squared Consultants, Delta, BC Canada
11:30 am – Noon	International Collaboration in Biofuels Development Dr. Douglas Haefele Pioneer Hi-Bred, Johnston, IA USA	'One Health' Concept Cyril Gerard Gay, DVM, PhD Agricultural Research Service (ARS) United States Department of Agriculture	Importance of Apiculture Dr. Albert Robertson, CEO, Meadow Ridge Farms Saskatoon, SK Canada
Lunch	Served in Exhibit Hall, Centennial Hall (lower level)		
	ENERGY & BIOPRODUCTS	HEALTH	SUSTAINABILITY
	Lifecycle Analysis and Sustainability: Political and Trade Environment Chair:	Disease Prevention and Business Issues	(Carbon Capture) Agriculture Valuations Chair :
1:30 pm – 2:00 pm	Biofuel 'Footprint Reduction' Strategies With biotechnology Dr. Terry McIntyre Environment Canada	Business of Disease Prevention Dr. Huw Hughes Pfizer Animal Health Kalamazoo MI, USA	Opportunities for Woody Crops for Biomaterials Alan Potter VP Strategic Technologies, FPIInnovations, Vancouver, BC Canada

Exhibit Hall Open – Centennial Hall Posters – Regal A, B, & C



2:00 pm – 2:30 pm		Eco-Industrial Clusters Dr. Birgitte Ahring Director and Battelle Distinguished Professor, Center for Bioproducts and Bioenergy Richland, WA, USA	Plant-Made Pharmaceuticals Dr. Brandon Price RTP, NC USA	Diverse Alcohol Fuel Feedstocks: High-Profit, High-Yield, Ecological Alternatives to Corn David Blume Executive Director, International Institute for Ecological Adventure
2:30 pm – 3:00 pm		Low Carbon Fuels – Algae and Cellulose Max Copeland SFN BioSystems Inc, Calgary, AB Canada	The Gut Microbiome and Health Dr. Denis Krause Professor of Microbiology, Department of Internal Medicine – IBD, University of Manitoba, Winnipeg, MB Canada	Biotech Applications for Whole Plant Utilization Dr. Francois Eudes Research Scientist, Agriculture and Agrifood Canada, Lethbridge, AB Canada
Coffee Break	Served in Exhibit Hall, Centennial Hall (lower level)			

Important notice: all keynote sessions will be held in the Sid Buckwold Theatre, main floor.

Doors will close 5 minutes prior to presentation and will remain closed for the duration of the presentation.

3:30 pm – 4:30 pm	Closing Plenary Session <i>The Global Challenges ahead in Energy, Security and Food</i> & Closing Remarks Session Chair: Dr. Wilf Keller, President and CEO, Ag-West Bio Inc, Chair of ABIC 2010 Panel: Jerome Konecsni, Chairman of the Board ABIC Foundation and Director General, National Research Council – Plant Biotechnology Institute Brent Zettl, President & CEO, Prairie Plant Systems Ron Kehrig, Enterprise Saskatchewan Diran Makinde,
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THURSDAY, SEPTEMBER 16, 2010

9:00 am – 1:30 pm	INFRASTRUCTURE TOUR The tour will include a drive through the University of Saskatchewan campus Space is limited
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