



# PROGRAM

*As of: 11/15/10*

**2010 National Fusarium Head Blight Forum\***

**Hyatt Regency Milwaukee**

**Milwaukee, WI USA**

**December 7-9, 2010**

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## FORUM Begins

**Tuesday, December 7<sup>th</sup>**

8:30 am-5:00 pm	REGISTRATION <i>Location: Outside of Solomon Juneau</i>
9:00 am-12:45 pm	Authors set up posters <i>Location: Regency Ballroom A/B</i>
1:00-1:35 pm	<b>Welcome and Keynote Speaker</b> <i>Location: Regency Ballroom C/D</i>  <b>Welcome</b> Dave Van Sanford, University of Kentucky, Lexington, KY, USA Co-Chair, U.S. Wheat & Barley Scab Initiative  <i>Industry Needs for Early Warning and Integrated Management Systems for Harmful Mycotoxins</i> Deirdre Ortiz, Kellogg Company, Battle Creek, MI, USA
1:35-3:00 pm	<b>SESSION 1: GENE DISCOVERY AND ENGINEERING RESISTANCE</b> <b>CO-CHAIRPERSONS:</b> Steve Scofield, USDA-ARS, West Lafayette, IN and Jyoti Shah, University of North Texas <i>Location: Regency Ballroom C/D</i>  <i>Comprehensive Metabolomics and Proteomics for FHB Resistance Gene Discovery and Function in Triticeae</i> Ajjamada Kushalappa, McGill University, Montreal, QB, Canada

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\* All speaker sessions will be held in Regency Ballroom C/D. All poster presentations will be held in the Regency Ballroom A/B. Forum Office is located in Solomon Juneau.

**Tuesday, December 7<sup>th</sup>** (cont.)

1:35-3:00 pm	<p><b>SESSION 1: GENE DISCOVERY AND ENGINEERING RESISTANCE</b> (cont.)</p> <p><b>CO-CHAIRPERSONS:</b> Steve Scofield, USDA-ARS, West Lafayette, IN and Jyoti Shah, University of North Texas</p> <p><i>Location: Regency Ballroom C/D</i></p> <p><i>Paving the Way for Biotech Wheat</i> Jane DeMarchi, National Association of Wheat Growers, Washington, DC, USA</p> <p><i>Activation Tag Screening to Identify Novel Genes for Trichothecene Resistance</i> John McLaughlin, Rutgers University, Brunswick, NJ, USA</p>
3:00-3:20 pm	<p>BREAK</p> <p><i>Location: Regency Ballroom Foyer</i></p>
3:20-4:30 pm	<p><b>SESSION 2: PATHOGEN BIOLOGY AND GENETICS</b></p> <p><b>CHAIRPERSON:</b> David G. Schmale, Virginia Polytechnic and State University</p> <p><i>Location: Regency Ballroom C/D</i></p> <p><i>The Genetic Basis for the 3-ADON and 15-ADON Trichothecene Chemotypes in Fusarium graminearum</i> Nancy Alexander, USDA-ARS-NCAUR, Peoria, IL, USA</p> <p><i>Tracking Released Clones of Gibberella zeae within Wheat and Barley Fields</i> Melissa Keller, Department of Plant Pathology, Physiology, and Weed Science, Virginia Polytechnic Institute and State University, Blacksburg, VA, USA</p> <p><i>Infection Cushions and Mycotoxin Induction of Fusarium graminearum on Wheat Florets</i> Marike Boenisch, Molecular Phytopathology and Genetics, Biocenter Klein Flottbek, University of Hamburg, Germany</p>
4:30- 6:00 pm	<p><b>GDER and PBG Poster Session</b> (Authors with posters in this poster session should be at their posters from 4:45-5:30 p.m.)</p> <p><i>Location: Regency Ballroom A/B</i></p>
5:30-6:30 pm	<p>RECEPTION</p> <p><i>Location: Inside Regency Ballroom A/B and Regency Ballroom Foyer</i></p>

**Tuesday, December 7<sup>th</sup>** (*cont.*)

6:30-8:00 pm	<b>DINNER</b> <i>Location: Regency Ballroom C/D</i>
8:00-10:00 pm	<b>Evening Breakout Meetings</b>  ❖ <b>Update on UG 99 Nursery</b> <i>Location: Executive A/B</i>

**Wednesday, December 8<sup>th</sup>**

6:30-8:15 am	<b>BREAKFAST – Full Breakfast Buffet</b> <i>Location: Atrium</i>
8:00 am-4:30 pm	<b>REGISTRATION</b> <i>Location: Outside of Solomon Juneau</i>
8:30-9:30 am	<b>SESSION 3: FHB MANAGEMENT</b> <b>CO-CHAIRPERSONS:</b> Pierce Paul, Ohio State University and Marcia McMullen, North Dakota State University <i>Location: Regency Ballroom C/D</i>  <i>Implications of FHB Multi-Species Complex on Disease Development and Mycotoxin</i> Xiangming Xu, EMR East Malling Research Association, Kent, UK  <i>Data Mining of Weather and Climatic Data to Improve Risk Prediction of Fusarium Head Blight</i> Larry Madden, Ohio State University, Wooster, OH, USA
9:30 am	<b>BREAK</b> <i>Location: Regency Ballroom Foyer</i>
9:45-10:30 am	<b>SESSION 3: FHB MANAGEMENT (cont.)</b> <b>CO-CHAIRPERSONS:</b> Pierce Paul, Ohio State University and Marcia McMullen, North Dakota State University <i>Location: Regency Ballroom C/D</i>  <i>Determinants of Adoption of Scab Management Techniques</i> Greg McGee, North Dakota State University, Fargo, ND, USA  <i>Advances in the Development and Application of Prediction Models for FHB and DON</i> Erick DeWolf, Kansas State University, Manhattan, KS, USA
10:30 am-12:00 pm	<b>MGMT and FSTU Poster Session</b> (Authors with posters in this poster session should be at their posters from 10:45-11:30 a.m.) <i>Location: Regency Ballroom A/B</i>
12:00-1:15 pm	<b>LUNCH</b> <i>Location: Atrium</i>

**Wednesday, December 8<sup>th</sup>** (cont.)

1:15 pm-4:00 pm	<b>FOCUSED GROUP DISCUSSIONS</b>
4:00-4:15 pm	BREAK <i>Location: Regency Ballroom Foyer</i>
<b>4:15-6:00 pm</b>	<b>VDHR Poster Session</b> (Authors with posters in this poster session should be at their posters from 4:30-5:15 p.m.) <i>Location: Regency Ballroom A/B</i>
4:45 – 6:00 pm	<b>RECEPTION</b> <i>Location: Inside Regency Ballroom A/B and Regency Ballroom Foyer</i>
6:00 pm	<b>Session Adjourns</b> <i>Participants are on their own for dinner.</i>

**Thursday, December 9<sup>th</sup>**

6:30-8:15 am	BREAKFAST – Full Breakfast Buffet <i>Location: Atrium</i>
8:30-9:30 am	<b>SESSION 4: FOOD SAFETY, TOXICOLOGY AND UTILIZATION OF MYCOTOXIN-CONTAMINATED GRAIN</b> <b>CHAIRPERSON:</b> David Kendra, Quaker Oats, Barrington, IL <i>Location: Regency Ballroom C/D</i>  <i>Vomitoxin: FDA's Regulatory Program</i> Kathleen D'Ovidio and Henry Kim, Center for Food Safety and Applied Nutrition, U.S. Food and Drug Administration, College Park, MD, USA  <i>Stability of the Trichothecene, Deoxynivalenol in Processed Foods and Wheat Flake Cereal</i> Ken Voss, USDA-ARS, Athens, GA, USA
9:30- 10:00 am	<b>SESSION 5: VARIETY DEVELOPMENT AND HOST PLANT RESISTANCE</b> <b>CO-CHAIRPERSONS:</b> Bill Berzonsky, South Dakota State University and Jose Costa, University of Maryland <i>Location: Regency Ballroom C/D</i>  <i>Current Knowledge on the Genetics of Fusarium Head Blight Resistance in Wheat-Implications for Resistance Breeding</i> Hermann Burstmayr, University of Natural Resources and Life Sciences, Tulln, AUSTRIA

**Thursday, December 9<sup>th</sup> (cont.)**

10:00– 10:25 am	<b>BREAK</b> <i>Location: Regency Ballroom Foyer</i>
10:25 – 11:55 am	<b>SESSION 5: VARIETY DEVELOPMENT AND HOST PLANT RESISTANCE (cont.)</b> <b>CO-CHAIRPERSONS:</b> Bill Berzonsky, South Dakota State University and Jose Costa, University of Maryland <i>Location: Regency Ballroom C/D</i>  <i>A Novel FHB-Resistance QTL with Uncertain Origin and its Introgression into Durum and Hard Red Spring Wheat</i> Steven Xu, USDA-ARS, Fargo, ND, USA  <i>Genomic Selection for Fusarium Head Blight Resistance in Wheat</i> Mark Sorrells, Cornell University, Ithaca, NY, USA  <b>Topic:</b> Ug99 Nursery Update Kay Simmons, USDA-ARS-NPS, Beltsville, MD, USA Dave Marshall, USDA-ARS, Raleigh, NC, USA Jim Anderson, University of Minnesota, St. Paul, MN, USA
11:55 am	<b>TAKING CARE OF BUSINESS AND CLOSING REMARKS</b>
12:00 pm	<b>FORUM ADJOURNS</b>

**POST FORUM MEETINGS**

1:00-4:30 pm	USWBSI Steering Committee (SC) Meeting (Closed meeting - SC members only) <i>Location: Executive B/C/D</i>
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