



PROGRAM

2016 National Fusarium Head Blight Forum*

Hyatt Regency St. Louis at the Arch

St. Louis, Missouri, USA

December 4-6, 2016

Pre Forum Events

Sunday, December 4th

8:30 am-5:00 pm	REGISTRATION <i>Location: Regency Ballroom Prefunction –outside of Regency A/B near elevators</i>
9:00 am-12:45 pm	Authors set up posters <i>Location: Regency Ballroom A/B</i>

FORUM Begins

1:00-1:50 pm	Welcome and Keynote Speaker <i>Location: Regency Ballroom C/D</i> Welcome Dave Van Sanford, University of Kentucky, Lexington, KY, USA Co-Chair, U.S. Wheat & Barley Scab Initiative
1:10-1:50 pm	<i>Economic Impacts of Scab and the USWBSI's Impact on Reducing FHB</i> Bill Wilson, North Dakota State University, Fargo, ND, USA

*General Sessions and Flash and Dash Sessions will be held in Regency C/D. All Poster Sessions will be held in Regency Ballroom A/B. Forum Office is located in Sterling 6.

Sunday, December 4th (*cont.*)

1:50-2:45 pm	GENERAL SESSION I - CHAIRPERSON: Nilgun Tumer <i>Location: Regency Ballroom C/D</i>
1:50-2:10	<i>Born, Bred, and Brewed for New York</i> Mark Sorrells, Cornell University, Ithaca, NY, USA
2:10-2:45	<i>FHB Resistance Genes - Genes with Multiple Benefits</i> Fiona Doohan, University College Dublin, Dublin, IRELAND
2:45:-3:10 pm	REFRESHMENT BREAK <i>Location: Regency Ballroom Foyer</i>
3:10-4:05 pm	GENERAL SESSION I - CHAIRPERSON: Phil Bregitzer
3:10-3:35	<i>A Meta-analysis of the Genetics of Fusarium Head Blight Resistance in Barley</i> Brian Steffenson, University of Minnesota, St. Paul, MN, USA
3:35-4:05	<i>Adoption of Scab Management Techniques by Region and Demographics</i> Christina Cowger, USDA-ARS, Raleigh, NC, USA
4:15-4:40 pm	FLASH & DASH SESSION 1: Mini Oral Presentations associated with Even Numbered Posters <i>Location: Regency Ballroom C/D</i>
4:45-6:15 pm	POSTER SESSION 1: Even Numbered Posters (Authors with posters in this poster session should be at their posters from 5:00-5:45 pm) <i>Location: Regency Ballroom A/B</i>
5:30-6:30 pm	RECEPTION <i>Location: Inside Regency Ballroom B and Regency Ballroom Foyer</i>
6:30-8:00 pm	DINNER <i>Location: Regency Ballroom E/F</i>
7:30-7:50 pm	Special Recognition of Art Brandli, USWBSI Co-Chair <i>Location: Regency Ballroom E/F</i>
8:00-9:00 pm	Evening Breakout Meeting ❖ Ug99 Stem Rust Breeding in Wheat and Barley Update <i>Location: Grand B (4th Floor)</i> Facilitator: Jose Costa, USDA-ARS, Beltsville, MD

Monday, December 5th

6:30-8:00 am	BREAKFAST – Full Breakfast Buffet <i>Location: Red Kitchen, Restaurant off of Hotel Lobby</i>
8:00 am-4:30 pm	REGISTRATION <i>Location: Regency Ballroom Prefunction –between Regency B and C</i>
8:00-9:00 am	NUTS AND BOLTS: FHB METHODS – This breakout is targeted for Graduate Students, Post Docs and Technicians, but anyone interested is welcome to attend. <i>Location: Grand C (4th Floor)</i> Facilitators: Kay Ruden and Allison Krill-Brown
8:00-9:30 am	VARIETY DEVELOPMENT AND HOST RESISTANCE (VDHR) AND FHB MANAGEMENT (MGMT) - Joint session for breeders and pathologists; <u>stakeholders are encouraged to attend!</u> <i>Location: Regency C/D</i> Facilitators: Christina Cowger and Dave Van Sanford
9:00-10:00 am	Training on T3 Database/USWBSI’s Breeders’ Datafarm – This breakout is targeted for Graduate Students, Post Docs and Technicians, but anyone interested is welcome to attend. <i>Location: Grand C (4th Floor)</i> Facilitator: Clare Saied, Cornell University, T3 Project/USWBSI’s Breeders’ Datafarm
10:00-10:30 am	REFRESHMENT BREAK <i>Location: Regency Ballroom Foyer</i>
10:30-11:30 am	GDER AND PBG BREAKOUT <i>Location: Grand B (4th Floor)</i> Facilitators: Nilgun Tumer and JinRong Xu
10:30-11:45 am	COORDINATED PROJECT BASED BREAKOUTS ❖ Barley Coordinated Project (BAR-CP) <i>Location: Grand A (4th Floor)</i> Facilitator: Phil Bregitzer ❖ Durum Coordinated Project (DUR-CP) <i>Location: Sterling 4</i> Facilitators: Shaobin Zhong

Monday, December 5th

10:30-11:45 am	<p>COORDINATED PROJECT BREAKOUTS (<i>cont.</i>)</p> <ul style="list-style-type: none"> ❖ Hard Winter Wheat Coordinated Project (HWW-CP) <i>Location: Mills 3 (4th Floor)</i> Facilitator: Bill Berzonsky ❖ Variety Development and Host Resistance – Spring Wheat Region Coordinated Project (VDHR-SPR CP) <i>Location: Sterling 1</i> Facilitator: Jochum Wiersma ❖ Variety Development and Host Resistance – Northern Soft Winter Wheat Coordinated Project (VDHR-NWW CP) <i>Location: Sterling 3</i> Facilitator: Eric Olson ❖ Variety Development and Host Resistance – Southern Soft Red Winter Wheat Coordinated Project (VDHR-SWW CP) <i>Location: Sterling 5</i> Facilitator: Esten Mason
11:55 am - 12:55 pm	<p>LUNCH</p> <p><i>Location: Regency Ballroom E/F</i></p>
1:00-2:15 pm	<p>RESEARCH AREA BASED BREAKOUTS</p> <ul style="list-style-type: none"> ❖ FHB Management (MGMT) <i>Location: Grand F (4th Floor)</i> Facilitator: Andrew Friskop ❖ Food Safety & Toxicology (FST) <i>Location: Sterling 4</i> Facilitator: Paul Schwarz ❖ Gene Discovery & Engineering Resistance (GDER) <i>Location: Grand B (4th Floor)</i> Facilitator: Nilgun Tumer ❖ Pathogen Biology & Genetics (PBG) <i>Location: Sterling 2</i> Facilitator: JinRong Xu ❖ Variety Development & Host Resistance (VDHR) <i>Location: Regency C/D</i> Facilitators: Dave Van Sanford and Clare Saied

Monday, December 5th (cont.)

2:25-3:20 pm	GENERAL SESSION II - CHAIRPERSON: Corby Kistler <i>Location: Regency Ballroom C/D</i>
2:25-3:00	<i>Comparative Population Genomics of Fusarium graminearum Reveals Adaptive Divergence among Cereal Head Blight Pathogens</i> Todd Ward, USDA-ARS, Peoria, IL, USA
3:00-3:20	<i>Characterization of Fusarium Head Blight Resistance in Aegilops tauschii and QTL Discovery in Hexaploid Wheat</i> Eric Olson, Michigan State University, East Lansing, MI, USA
3:20-3:45 pm	REFRESHMENT BREAK <i>Location: Regency Ballroom Foyer</i>
3:45-4:15 pm	GENERAL SESSION II (cont.) - CHAIRPERSON: Jim Pestka
3:45-4:15	<i>Host-induced Silencing of Fusarium culmorum Genes Protects Wheat from Infection</i> Wanxin Chen, Leibniz Institute of Plant Genetics and Crop Plant Research, Gatersleben, Sachsen-Anhalt, GERMANY
4:15-4:40 pm	FLASH & DASH SESSION 2: Mini Oral Presentations associated with Odd Numbered Posters <i>Location: Regency Ballroom C/D</i>
4:45-6:15 pm	Poster Session 2: Odd Numbered Posters (Authors with posters in this poster session should be at their posters from 5:00-5:45 pm) <i>Location: Regency Ballroom A/B</i>
5:15-6:30 pm	RECEPTION <i>Location: Inside Regency Ballroom A and Regency Ballroom Foyer</i>
6:30 pm	Session Adjourns <i>Participants are on their own for dinner</i>

Tuesday, December 6th

6:30-8:15 am	BREAKFAST – Full Breakfast Buffet <i>Location: Red Kitchen, Restaurant off of Hotel Lobby</i>
8:30-10:00 am	GENERAL SESSION III - CHAIRPERSON: Christina Cowger <i>Location: Regency Ballroom C/D</i>
8:30-8:50	<i>Next-generation Forecasting Tool: Interpreting the Output</i> Pierce Paul, Ohio State University, Wooster, OH, USA

Tuesday, December 6th (cont.)

8:30-10:00 am	GENERAL SESSION III (cont.) <i>Location: Regency Ballroom C/D</i>
8:50-9:15	<i>Simultaneous Mapping and Pyramiding Loci in Wheat Breeding Populations: Identity by Descent Mapping Approaches</i> Jose Gonzalez, South Dakota State University, Brookings, SD, USA
9:15-9:40	<i>Antifungal Plant Defensins: Mechanisms of Action and Engineering Resistance to Fungal Pathogens in Transgenic Wheat</i> Dilip Shah, Donald Danforth Plant Science Center, St. Louis, MO, USA
9:40-10:00	<i>Tissue Culture Induced Variability: Critical Issues that Impact the Evaluation and Use of Transgenic Parents</i> Phil Bregitzer, USDA-ARS, Aberdeen, ID, USA
10:00-10:30 am	REFRESHMENT BREAK <i>Location: Regency Ballroom Foyer</i>
10:30-11:55 am	GENERAL SESSION III (cont.) - CHAIRPERSON: John Pitkin
10:30-10:55	<i>Are DON Congeners a Food Safety Concern?</i> Jim Pestka, Michigan State University, East Lansing, MI, USA
10:55-11:20	<i>Current State of Acceptance of Biotech and Advanced Breeding Methods in Wheat</i> Steve Joehl, National Association of Wheat Growers, Chesterfield, MO, USA
11:20-11:55	<i>Growers' Needs and Industry Wants: A Retrospective of Two Decades in the Trenches in the Battle with FHB</i> Jochum Wiersma, University of Minnesota, Crookston, MN, USA
11:55 am	TAKING CARE OF BUSINESS AND CLOSING REMARKS <i>Location: Regency Ballroom C/D</i> Art Brandli, Co-Chair, U.S. Wheat & Barley Scab Initiative Warroad, MN, USA
12:00 pm	FORUM ADJOURNS

Tuesday, December 6th *(cont.)***POST FORUM MEETINGS**

12:00-1:00 pm	USWBSI Steering Committee (SC) Lunch (SC members only) <i>Location: Regency F</i>
1:00-4:00 pm	USWBSI Steering Committee (SC) Meeting (Closed meeting - SC members only) <i>Location: Regency E</i>

Wednesday, December 7th

8:30 am-5:00 pm	National Wheat Improvement Committee (NWIC) Meeting <i>Location: Regency B</i> Facilitator: Bob Zemetra, Oregon State University
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