

**\*\* Draft Agenda \*\***

**2017 JGI Secondary Metabolite Conference**

**July 24-26, 2017 -- Walnut Creek Marriott, Walnut Creek, CA**

*All functions will be held at the Walnut Creek Marriott unless otherwise noted.*

**MONDAY, July 24 - California Ballroom**

*Start Time End Time Subject Session Chair/Speaker*

- 4:00 PM 5:00 PM **Opening Keynote Presentation**  
**Speaker: Jo Handelsman, Wisconsin Institute for Discovery,**  
**“Convergence of model systems and the natural world”**
- 5:00PM 5:30 PM **Rapid Fire**  
**TBD**
- 5:30 PM 9:00 PM **Opening Reception and Poster Session**  
**Host: Yasuo Yoshikuni**

**TUESDAY, July 25 - California Ballroom**

*Start Time End Time Subject Session Chair/Speaker*

- 9:00 AM 9:10 AM **Welcome & Introduction**  
**Axel Visel**
- 9:10 AM 9:40 AM **JGI Synthetic Biology**  
**Yasuo Yoshikuni**
- 9:40 AM 10:10 AM **JGI Metabolomics**  
**Trent Northen**
- 10:10 AM 10:30 AM **Break**
- 10:30 AM 11:00 AM **Caroline Roper, University of California, Riverside**  
**“Plant associated biomes & effects on the environment”**
- 11:00 AM 11:30 AM **Ronnie de Jonge, Utrecht Netherlands**  
**“Understanding the role of the root microbiome and plant health”**
- 11:30 AM 12:00 PM **Matthew Traxler, University of California, Berkeley**  
**“Specialized metabolism in root nodule communities”**
- 12:00 PM 12:15 PM **Short Talk 1 – TBA (to be chosen from poster abstracts)**

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12:15 PM	1:15 PM	<b>Working Lunch</b>
1:15PM	1:45 PM	<b>Alisa Huffaker, University of California, San Diego</b> "Understanding the role of specialized metabolic networks mediating biotic interactions in maize through integrated multidisciplinary approaches"
1:45 PM	2:15 PM	<b>Jie Luo, Huazhong Agricultural University</b> "Dissection of metabolic and phenotypic traits in major crops"
2:15 PM	2:45 PM	<b>Gary Siuzdak, The Scripps Research Institute</b> "Cloud-Based Systems Biology guided by Metabolomics"
2:45 PM	3:00 PM	<b>Short Talk 2 – TBA (to be chosen from poster abstracts)</b>
3:00 PM	3:30 PM	<b>Break</b>
3:30 PM	3:50 PM	<b>Industry Speaker – TBA</b>
3:50 PM	4:10 PM	<b>Industry Speaker – TBA</b>
4:10 PM	4:30 PM	<b>Industry Speaker – TBA</b>
4:30 PM	5:00 PM	<b><u>Rapid Fire</u></b> TBD
5:15 PM	6:00 PM	<i>Travel to JGI –Shuttle Service from Marriott</i>
6:00PM	9:00PM	<b><u>Reception, Poster Session and JGI Tour</u></b>
7:00 PM	9:00 PM	<i>Travel from JGI –Shuttle Service to Marriott</i>

## **WEDNESDAY, July 26 - California Ballroom**

<i>Start Time</i>	<i>End Time</i>	<i>Subject</i>	<i>Session Chair/Speaker</i>
9:00 AM	9:30 AM	<b>Nancy Keller, University of Wisconsin - Madison</b> "Omics Approaches to Deorphanize Fungal Natural Products"	
9:30 AM	10:00 AM	<b>Sophien Kamoun, The Sainsbury Laboratory, UK</b> "Membrane trafficking at the host-pathogen interface"	
10:00 AM	10:30 AM	<b>Gillian Turgeon, Cornell University</b> "Comparative phylogenomics identifies fungal secondary metabolites allied with virulence to plant hosts"	
10:30 AM	11:00 AM	<b>Break</b>	

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11:00 AM	11:30 AM	<b>Huimin Zhao, University of Illinois at Urbana-Champaign</b> "Discovery and engineering of novel natural products via synthetic biology"
11:30 AM	12:00 PM	<b>Eriko Takano, The University of Manchester</b> "Harnessing synthetic biology for the production of fine and specialty chemicals"
12:00 PM	1:00 PM	Working Lunch
1:00 PM	1:30 PM	<b>David Mead, Varigen Biosciences</b> "Metagenomic and Synthetic Biology Approaches for Natural Product Discovery"
1:30 PM	2:00 PM	<b>Yi Tang, University of CA, Los Angeles (UCLA)</b> "Genome Mining for New Herbicide"
2:00 PM	2:30 PM	<b>Sarah O'Connor, John Innes Centre, UK</b> "Harnessing the chemistry and biology of plant metabolism"
2:00 PM	2:30 PM	Break
3:00 PM	3:30 PM	<b>Michael Smanski, University of Minnesota</b> "Redesigning the genetics of secondary metabolism in Streptomyces"
3:30 PM	4:00 PM	<b>Wenjun Zhang, Lawrence Berkeley National Lab</b> "Discovery of novel signaling secondary metabolites from Clostridium"
4:00 PM	5:00 PM	<b>Closing Keynote Presentation</b> <b>Speaker: Gerald Tuskan, Oak Ridge National Lab</b> "Interkingdom signaling: a Populus case study"
5:00 PM		<i>End of Secondary Metabolite Conference</i>

*Note: AM and PM refreshments will be served after the meeting begins, while work is being performed. Attendance is required during these times.*