

Note: this is the program from the last (May-June, 2017) meeting to give an idea of what the meeting is like. We will post the 2018 program close to the start of the meeting: Madison WI, May 29th-June 1st 2018.

Midwest Plant Cell Dynamics Program
May 30th – June 2nd, University of Wisconsin-Madison

Tuesday, May 30th

5:00– 7:00 pm Registration Table Open (Biochemistry Atrium)

6:00 pm Opening Remarks (**Dan Szymanski**)

6:10 pm -7:10 pm Keynote talk by **Tobias Baskin** (Biochemistry Room 1125)

Title: Dynamic cells, stable pattern: The case of the plant root

7:10 to 9:00 pm Poster Set up. Reception with food and beverages (Biochemistry Atrium).

The organizers are grateful to the journals Plant Physiology, The Plant Cell, Nature Plant, and our corporate sponsors Thermo/Fisher Scientific, Zeiss, and Monsanto for sponsoring the open bar for this reception

Put up posters in Biochemistry Atrium

Wednesday, May 31st

Oral presentations: Participating labs have either a 20 min slot (when PI and/or several lab members attend the conference) or 10 min. time slot (when only one lab member is attending). The PI has the option to provide a very brief overview of the research (2-5 min.) but the remaining time should be allocated to students/postdocs. 2-3 minutes should be reserved for questions at the end of the presentations.

7:30 - 8:30 am Light breakfast (Biochemistry Atrium)

8:30 - 9:15 am Keynote talk by **Jaimie Van Norman** (Biochemistry Room 1125)

Title: PLK1, a receptor-like kinase, links lateral cell polarity with tissue patterning in the root

9:15 - 10:15 am **Cytoskeleton and Cell Wall I** (session chair: Luis Vidali) Biochemistry Room 1125

9:15-9:35 am **Vidali Lab**

9:35-9:55 am **Szymanski Lab**

9:55-10:15 am **Staiger Lab**

10:15 to 10:45 Coffee break (Biochemistry Atrium)

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10:45- 12:05 am **Cytoskeleton and Cell Wall II** (session chair: Mary Tierney)

10:45-11:05 **Tierney** Lab

11:05- 11:25 **Ambrose** Lab

11:25-11:45 **Smertenko** Lab

11:45 - 11:55 Short talk: **Dixit** Lab

11:55 – 12:05 Short talk: **Facette** Lab

12:05 to 1:30 pm Lunch (on your own)

1:30-3:00pm Special Panel. **Plant Cell Biology: Past, Present, and Future Opportunities.** **Richard Cyr** (Penn. State Univ.), **Peter Hepler** (Univ. Mass.-Amherst), **Andrew Staehelin** (Univ. Colorado-Boulder) and **Sue Wick** (Univ. Minnesota). Biochemistry Room 1120. (Moderator: Luis Vidali)

3:00-3:30pm Coffee break

3:30-4:50pm **Cytoskeleton and Cell Wall III** (session chair: Anna Dobritsa)

3:30 - 3:50 **Dobritsa** Lab

3:50 - 4:10 **Sedbrook** Lab

4:10 - 4:30 **Rasmussen** Lab

4:30 – 4:40 Short talk: **Kirik** Lab

4:40- 4:50 Short talk: **Carter** Lab

5:00 to 7:00 pm. Poster Session I Biochemistry Atrium.

6:00 to 7:00 pm Even posters present. Food and beverages.

Thursday June 1st

8:00 - 9:00 am Light breakfast

9:00- 10:30 am **Organelles** (session Chair: Andreas Nebenführ). Biochemistry Room 1125

9:00-9:20 **Nebenführ** Lab

9:20-9:30 **Berg** Lab

9:30-9:50 **Fernandez** Lab

9:50 – 10:10 **Griffing** Lab

10:20 to 10:50 coffee break. (Biochemistry Atrium).

10:50-12:00 pm **Sexual Reproduction** (session Chair: Sharon Kessler). Biochemistry Room 1125

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10:50-11:10 **Kessler** Lab
11:10- 11:30 **Boavida** Lab
11:30-11:50 **Owen** Lab
11:50- 12:00 Short Talk: **Zhao** Lab

12:00 to 2:00 pm Lunch (on your own)

2:00-3:30pm **Workshop Quantifying orientational order in images with Fit Ellipse" with Tobias Baskin** (Computer Lab at Animal Sciences 204). Advanced sign-up is required as we can only accommodate 35 people. Contact Marisa Otegui (otegui@wisc.edu) if you have questions about this workshop.

3:30-4:00 pm coffee break

4:00 to 5:30 **Membrane Trafficking and Signaling I** (session chair: Marcela Rojas-Pierce)
Biochemistry Room 1125

4:00-4:20 **Rojas-Pierce** Lab
4:20-4:40 **Bednarek** Lab
4:40-5:00 **Otegui** Lab
5:00-5:20 **Chung** Lab
5:20-5:30 Short Talk: **Krysan** Lab

5:30 to 7:30 pm Poster Session I Biochemistry Atrium

6:30-7:30 pm Odd numbered posters present. Food and beverages

2015 Poster Figure Image Contest: votes are due.

Friday June 2nd

8:00 - 9:00 am Light breakfast
9:00- 10:30am **Membrane Trafficking and Signaling II** (session Chair: Georgia Drakakaki).
Biochemistry Room 1125

9:00-9:20 **Drakaki** Lab
9:20-9:40 **Monshausen** Lab
9:40-10:00 **Verslues** Lab
10:00- 10:10 **Sussman** Lab
10:10-10:20 Short Talk: **Ward** Lab

10:20 to 10:50 coffee break. (Biochemistry Atrium).

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10:50-12:00 **Signaling III** (Session chair: Won-Gyu Choi) Biochemistry Room 1125

10:50-11:10 **Choi** Lab

11:10-11:30 **Gray** Lab

11:30- 11:50 **Meier** Lab

11:50-12:00 Short Talk: **Nowack** Lab

12:00 to 3:00 pm Lunch (on your own)

1:00 to 3:00pm **Tour to the new Wisconsin Crop Innovation Center** (<https://cropinnovation.cals.wisc.edu>) for plant transformation and phenotyping. Bus will be leaving at 1pm. Advanced sign-up is required as we can only accommodate 50 people. Contact Marisa Otegui (otegui@wisc.edu) if you have questions about this activity.

3:00-3:15 pm coffee break

3:15 to 4:30 **Signaling IV** (Session chair: Michael Knoblauch) Biochemistry Room 1125

3:15-3:35 **Knoblauch** Lab.

3:35- 3:55 **Gilroy** Lab.

3:55- 4:15 **Masson** Lab

4:15-4:35 **Indriolo** Lab

4:35-4:55 **Heese** Lab

4:55-5:05 Short Talk: **McSteen** Lab

5:05-5:20 Closing remarks (Dan Szymanski, Marisa Otegui, Simon Gilroy, Sebastian Bednarek)

7:00 to 9:00 pm Farewell social, Food and Beverages at the Pyle Center, T-shirt winner announcement.