

REPORT DOCUMENTATION PAGE			Form Approved OMB NO. 0704-0188		
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1. REPORT DATE (DD-MM-YYYY) 21-08-2018		2. REPORT TYPE Final Report		3. DATES COVERED (From - To) 1-May-2016 - 31-Oct-2016	
4. TITLE AND SUBTITLE Final Report: 2016 Plant and Microbial Cytoskeleton Gordon Research Conference			5a. CONTRACT NUMBER W911NF-16-1-0295		
			5b. GRANT NUMBER		
			5c. PROGRAM ELEMENT NUMBER 611102		
6. AUTHORS			5d. PROJECT NUMBER		
			5e. TASK NUMBER		
			5f. WORK UNIT NUMBER		
7. PERFORMING ORGANIZATION NAMES AND ADDRESSES Gordon Research Conferences, Inc. 512 Liberty Lane West Kingston, RI 02892 -1502			8. PERFORMING ORGANIZATION REPORT NUMBER		
9. SPONSORING/MONITORING AGENCY NAME(S) AND ADDRESS (ES) U.S. Army Research Office P.O. Box 12211 Research Triangle Park, NC 27709-2211			10. SPONSOR/MONITOR'S ACRONYM(S) ARO		
			11. SPONSOR/MONITOR'S REPORT NUMBER(S) 69259-LS-CF.1		
12. DISTRIBUTION AVAILABILITY STATEMENT Approved for public release; distribution is unlimited.					
13. SUPPLEMENTARY NOTES The views, opinions and/or findings contained in this report are those of the author(s) and should not be construed as an official Department of the Army position, policy or decision, unless so designated by other documentation.					
14. ABSTRACT					
15. SUBJECT TERMS					
16. SECURITY CLASSIFICATION OF:			17. LIMITATION OF ABSTRACT UU	15. NUMBER OF PAGES	19a. NAME OF RESPONSIBLE PERSON Magdalena Bezanilla
a. REPORT UU	b. ABSTRACT UU	c. THIS PAGE UU			19b. TELEPHONE NUMBER 413-545-2885

RPPR Final Report
as of 29-May-2019

Agency Code:

Proposal Number: 69259LSCF

Agreement Number: W911NF-16-1-0295

INVESTIGATOR(S):

Name: Magdalena Bezanilla
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Principal: Y

Organization: **Gordon Research Conferences, Inc.**

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Country: USA

DUNS Number: 075712877

EIN: 050300482

Report Date: 31-Jan-2017

Date Received: 21-Aug-2018

Final Report for Period Beginning 01-May-2016 and Ending 31-Oct-2016

Title: 2016 Plant and Microbial Cytoskeleton Gordon Research Conference

Begin Performance Period: 01-May-2016

End Performance Period: 31-Oct-2016

Report Term: 0-Other

Submitted By: Nancy Ryan Gray

Email: grants@grc.org

Phone: (401) 360-1505

Distribution Statement: 1-Approved for public release; distribution is unlimited.

STEM Degrees:

STEM Participants:

Major Goals: Organizing a Gordon Research Conference involves extensive communication with the research community to identify important issues at the frontiers of the field, and solicit suggestions for speakers and discussion leaders to participate in the conference. The Chair then contacts prospective participants to invite them to talk and discuss the nature of their contributions. The Chair then communicates the topics and aims of the conference through web pages, contact with relevant international professional bodies and email to members of the research community around the world to encourage applications for participation in the conference. The Chair is then responsible for assessing and accepting the applications and fielding a host of questions both concerning the technical content and practical aspects of conference participation.

Accomplishments: The Plant and Microbial Cytoskeleton Gordon Research Conference brought together researchers studying diverse systems to understand how the cytoskeleton helps to pattern cells and organisms, using quantitative and interdisciplinary approaches. By emphasizing work on walled organisms, this conference spanned prokaryotic to eukaryotic systems in order to uncover potential cross over and molecular similarities that have evolved to shape cells. Importantly by comparing the molecular mechanisms in these diverse systems, fundamental principles are emerging governing cellular morphogenesis and cell division. This conference brought together geneticists, cell biologists, physicists, computational biologists, and biochemists, all of whom use interdisciplinary approaches to decipher the cytoskeletal basis of cell shape. Within cells the cytoskeleton controls many aspects of shape, and this conference focused on topics including cell wall construction, cell division, cell polarity, intracellular compartmentalization, membrane trafficking, and chromosome segregation. Presentations included cutting edge approaches such as quantitative imaging, including super-resolution microscopy, in vitro reconstitution of cellular systems and computational modeling. The program included approximately thirty talks from invited speakers, another 12-15 talks from submitted abstracts, and many lively poster sessions. The meeting provided scientists from all career stages with ample opportunities to present, meet, discuss and brainstorm.

Training Opportunities: Speakers, discussion leaders, poster presenters and attendees simultaneously contributed to and benefited from the collective skills and experience shared throughout the conference.

Results Dissemination: The final conference program has been posted on the GRC website.

Honors and Awards: Nothing to Report

Protocol Activity Status:

RPPR Final Report
as of 29-May-2019

Technology Transfer: Nothing to Report



GORDON RESEARCH CONFERENCES

FINAL PROGRESS REPORT

Army Research Office
Plant & Microbial Cytoskeleton GRC

Grant Number W911NF-16-1-0295
August 14-19, 2016

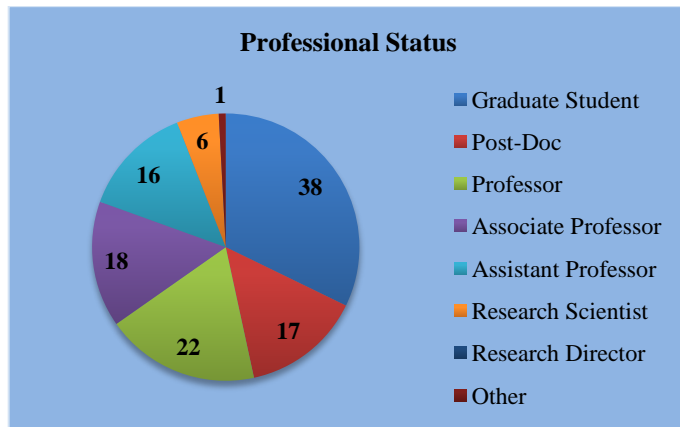
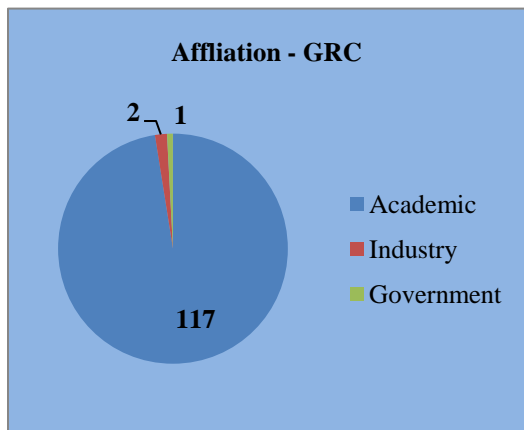
Operational Summary

The Gordon Research Conference (GRC) on Plant & Microbial Cytoskeleton was held at Proctor Academy in Andover, NH from August 14-19, 2016. The meeting covered a variety of scientific topics and the content presented was highly rated by participants.



Conference Participants

The Conference was well-attended with 120 participants. Scientists from academia represented 97% of the participants while attendees from government accounted for 1% and those from industry totaled 2%. The meeting also attracted a strong mix of young investigators and senior scientists. Students and post-docs accounted for 46% of all attendees. Approximately 42% of the participants at the 2016 meeting were women.



Conference Program

The Plant and Microbial Cytoskeleton Gordon Research Conference brought together researchers studying diverse systems to understand how the cytoskeleton helps to pattern cells and organisms, using quantitative and interdisciplinary approaches. By emphasizing work on walled organisms, this conference spanned prokaryotic to eukaryotic systems in order to uncover potential cross over and molecular similarities that have evolved to shape cells. Importantly by comparing the molecular mechanisms in these diverse systems, fundamental principles are emerging governing cellular morphogenesis and cell division. This conference brought together geneticists, cell biologists, physicists, computational biologists, and biochemists, all of whom use inter-disciplinary approaches to decipher the cytoskeletal basis of cell shape. Within cells the cytoskeleton controls many aspects of shape, and this conference focused on topics including cell wall construction, cell division, cell polarity, intracellular compartmentalization, membrane trafficking, and chromosome segregation. Presentations included cutting edge approaches such as quantitative imaging, including super-resolution microscopy, *in vitro* reconstitution of cellular systems and computational modeling. The program included approximately thirty talks from invited speakers, another 12-15 talks from submitted abstracts, and many lively poster sessions. The meeting provided scientists from all career stages with ample opportunities to present, meet, discuss and brainstorm.

Conference Budget

Funding provided by the Army Research Office supported partial registration for 6 postdocs, 8 graduate students, 2 assistant professors, 1 research scientist, 1 professor and 1 associate professor at the GRC.

Conference Feedback

Participants had an opportunity to provide feedback at the end of the Conference. The feedback collected from the meeting was extremely positive. Evaluations included numerous positive remarks regarding the wide variety of

talks, the networking especially when in small groups, and that the length of the talks and conference itself allowed attendees to really discuss the material.

GRC would like to thank the Army Research Office for its continued support of the meetings. The contributions received from the Army Research Office have been critical to the success of the conferences and are having a measurable impact in advancing the frontiers of science worldwide.

Dr. Magdalena Bezanilla, GRC Chair
University of Massachusetts

Dr. Nancy Ryan Gray
President and Chief Executive Officer
Gordon Research Conferences

Plant & Microbial Cytoskeleton

Gordon Research Conference

The Mechanics of Building Cells in Plants and Microbes

August 14-19, 2016

Proctor Academy

Andover, NH

Chair: Magdalena Bezanilla

Vice Chair: David R. Kovar

Contributors



CYTOSKELETON



nature
plants

Final Meeting Program

Sunday

2:00 pm - 9:00 pm Arrival and Check-in

6:00 pm Dinner

7:30 pm - 7:40 pm Welcome / Introductory Comments by GRC Site Staff

7:40 pm - 9:30 pm **Organelle Partitioning and the Cytoskeleton**

Discussion Leader: **Magdalena Bezanilla** (University of Massachusetts, USA)

7:40 pm - 7:50 pm Opening Remarks

7:50 pm - 8:25 pm **Arash Komeili** (University of California, Berkeley, USA)

"Dynamic Assembly of a Bacterial Organelle Requires an Actin-Like Cytoskeleton"

8:25 pm - 8:45 pm Discussion

8:45 pm - 9:10 pm **Susan Dutcher** (Washington University in St. Louis, USA)

"Establishing the Barrier Between the Cytoplasm and the Cilium"

9:10 pm - 9:20 pm Discussion

9:20 pm - 9:30 pm General Discussion

Monday

7:30 am - 8:30 am Breakfast

9:00 am - 12:30 pm **Cytoskeletal Dynamics**

Discussion Leader: **Katherine Osteryoung** (Michigan State University, USA)

9:00 am - 9:05 am Introduction by Discussion Leader

9:05 am - 9:40 am **Chris Staiger** (Purdue University, USA)

"Actin Remodeling During the Plant Innate Immune Response"

9:40 am - 10:00 am Discussion

10:00 am - 10:30 am Coffee Break

10:30 am - 10:55 am **Kathryn Ayscough** (University of Sheffield, United Kingdom)

"Actin Filament Initiation, Polymerisation and Regulation at Cell Membranes"

10:55 am - 11:05 am Discussion

11:05 am - 11:30 am **Geoffrey Wasteneys** (University of British Columbia, Canada)

"Motors and MAPs Coordinate Microtubule Growth and Catastrophe"

11:30 am - 11:40 am Discussion

11:40 am - 11:50 am Selected from Poster Abstracts: **Jenna Christensen** (The University of Chicago, USA)

"Competition and Cooperation Between Actin Binding Proteins Drive Their Sorting to Different Actin Cytoskeleton Networks"

11:50 am - 11:55 am Discussion

11:55 am - 12:20 pm **Brad Nolen** (University of Oregon, USA)

"Coordinate Regulation of Arp2/3 Complex by WASP and WISH/DIP/SPIN Family Proteins"

12:20 pm - 12:30 pm Discussion

12:30 pm Lunch

1:30 pm - 4:00 pm Free Time

3:00 pm - 4:00 pm Power Hour

The GRC Power Hour is an optional informal gathering open to all meeting participants. It is designed to help address the challenges women face in science and support the professional growth of women in our communities by providing an open forum for discussion and mentoring.

Organizers: **Katherine Osteryoung** (Michigan State University, USA), **Carolyn Rasmussen** (University of California, Riverside, USA) and **Melissa Gardner** (University of Minnesota, USA)

4:00 pm - 6:00 pm Poster Session

6:00 pm Dinner

7:30 pm - 9:30 pm **Cytoskeletal Regulation**

Discussion Leader: **Daniel Lew** (Duke University Medical Center, USA)

7:30 pm - 7:40 pm Introduction by Discussion Leader

7:40 pm - 8:05 pm **Bruce Goode** (Brandeis University, USA)

"Mechanisms Controlling Yeast Actin Cable Formation"

8:05 pm - 8:15 pm Discussion

8:15 pm - 8:40 pm **Ram Dixit** (Washington University in St. Louis, USA)

"New Mechanisms to Regulate Plant Kinesins"

8:40 pm - 8:50 pm Discussion

8:50 pm - 9:15 pm **Melissa Gardner** (University of Minnesota, USA)

"Load Sharing Between Dynamic Kinetochores Microtubules in Mitosis"

9:15 pm - 9:25 pm Discussion

9:25 pm - 9:30 pm General Discussion

Tuesday

7:30 am - 8:30 am Breakfast

8:30 am Group Photo

9:00 am - 12:30 pm **Cytokinesis: Placing the Machinery**

Discussion Leader: **Thomas Pollard** (Yale University, USA)

9:00 am - 9:05 am Introduction by Discussion Leader

9:05 am - 9:40 am **Kathy Gould** (Vanderbilt University School of Medicine, USA)

"Organizing the Split - Mechanisms Regulating Division Site Assembly in Fission Yeast"

9:40 am - 10:00 am Discussion

10:00 am - 10:30 am Coffee Break

10:30 am - 10:55 am **Silvia Bulgheresi** (University of Vienna, Austria)

"Unconventional Breakups: Division Anomalies of Bacterial Symbionts"

10:55 am - 11:05 am Discussion

11:05 am - 11:15 am Selected from Poster Abstracts: **William Hardin** (University of Washington, USA)

"Microtubule Based Force Generation Drives Daughter Cell Separation in *Giardia lamblia*"

11:15 am - 11:20 am Discussion

11:20 am - 11:45 am **Carolyn Rasmussen** (University of California, Riverside, USA)

"Tangled1 Function in Growth and Division Plane Orientation in Maize"

11:45 am - 11:55 am Discussion

11:55 am - 12:05 pm Selected from Poster Abstracts: **Joshua MacCready** (Michigan State University, USA)

"The Oscillating Min System of Cyanobacteria"

12:05 pm - 12:10 pm Discussion

12:10 pm - 12:20 pm Selected from Poster Abstracts: **Elisabeth Lipka** (Center for Plant Molecular Biology (ZMBP), University of Tuebingen, Germany)

"POK2 Is a Processive Plus-End Directed Class-12 Plant Kinesin Required for Phragmoplast Guidance"

12:20 pm - 12:25 pm Discussion

12:25 pm - 12:30 pm General Discussion

12:30 pm Lunch

1:30 pm - 4:00 pm Free Time

4:00 pm - 6:00 pm Poster Session

6:00 pm Dinner

7:30 pm - 9:30 pm **Selected Poster Presentations**

Discussion Leader: **David Kovar** (University of Chicago, USA)

7:30 pm - 7:40 pm Selected from Poster Abstracts: **Arnaud Chastanet** (Institut National de la Recherche Agronomique (INRA), France)

"Beyond the Helical World: A Super-Resolution Approach Reveals the Sub-Diffraction Limited Structure of the Actin-Like Cytoskeletal Protein MreB in *B. subtilis*"

7:40 pm - 7:45 pm Discussion

7:45 pm - 7:55 pm Selected from Poster Abstracts: **Iker Lamas** (University of Lausanne, Switzerland)
"Study of Cdc42 Feedback Regulation by Optogenetics"

7:55 pm - 8:00 pm Discussion

8:00 pm - 8:10 pm Selected from Poster Abstracts: **Shu-Zon Wu** (University of Massachusetts Amherst, USA)
"Myosin VIII Links Actin to Microtubules During Polarized Growth"

8:10 pm - 8:15 pm Discussion

8:15 pm - 8:25 pm Selected from Poster Abstracts: **Rajesh Arasada** (Yale University, USA)
"Super-Resolution Imaging of the Spatial Organization of Actin Machinery in Fission Yeast Endocytic Patches"

8:25 pm - 8:30 pm Discussion

8:30 pm - 8:40 pm Selected from Poster Abstracts: **Pauline Durand-Smet** (California Institute of Technology, USA)
"Quantitative Evaluation of Feedback Mechanisms Between Cell Shape and Cytoskeleton Organization"

8:40 pm - 8:45 pm Discussion

8:45 pm - 8:55 pm Selected from Poster Abstracts: **Hung-Hsueh Lai** (Duke University, USA)
"Temporal Regulation of Morphogenesis in Baker's Yeast"

8:55 pm - 9:00 pm Discussion

9:00 pm - 9:10 pm Selected from Poster Abstracts: **Weihong Qiu** (Oregon State University, USA)
"OsKCH2 Is a Homodimeric Processive Minus End-Directed Kinesin Motor"

9:10 pm - 9:15 pm Discussion

9:15 pm - 9:25 pm Selected from Poster Abstracts: **Erkan Tuzel** (Worcester Polytechnic Institute, USA)
"Modeling of Boundary Effects in FRAP Helps Elucidate the Role of Vesicle Diffusion in Polarized Growth"

9:25 pm - 9:30 pm Discussion

Wednesday

7:30 am - 8:30 am Breakfast

9:00 am - 12:30 pm **Driving Division in Cells and Organelles**

Discussion Leader: **Sabine Muller** (University of Tübingen, Germany)

9:00 am - 9:10 am Introduction by Discussion Leader

9:10 am - 9:35 am **Harold Erickson** (Duke University, USA)
"FtsZ Drives Cytokinesis in Bacteria and Chloroplasts"

9:35 am - 9:45 am Discussion

9:45 am - 9:55 am Selected from Poster Abstracts: **Moe Gupta** (Iowa State University, USA)
"Ensuring Genome Stability: A Novel Experimental System Reveals That Reduced Tension Directly Activates the Spindle Assembly Checkpoint Independent of Kinetochores Detachment"

9:55 am - 10:00 am Discussion

10:00 am - 10:30 am Coffee Break

10:30 am - 10:55 am **Georgia Drakakaki** (University of California, Davis, USA)
"Endomembrane Dynamics During Cytokinesis and Cell Elongation"

10:55 am - 11:05 am Discussion

11:05 am - 11:15 am Selected from Poster Abstracts: **Safia Omer** (University of Massachusetts Amherst, USA)
"Dynein Cortical Attachment Molecule Num1 Regulate Dynein Spindle Pulling Mechanism"

11:15 am - 11:20 am Discussion

11:20 am - 11:45 am **Erin Goley** (Johns Hopkins University School of Medicine, USA)
"Building the Z-Ring for Cell Division in *Caulobacter*"

11:45 am - 11:55 am Discussion

11:55 am - 12:05 pm Selected from Poster Abstracts: **Natalie Petek** (University of California, San Francisco, USA)
"Alp7A Reveals Conserved Mechanisms of Actin-Based Plasmid Segregation in Bacteria"

12:05 pm - 12:10 pm Discussion

12:10 pm - 12:20 pm Selected from Poster Abstracts: **Maitreyi Das** (University of Tennessee, USA)
"Cdc42 GEF Gef1 Promotes Uniform Protein Organization Along the Cytokinetic Ring to Enable Concentric Furrowing"

12:20 pm - 12:25 pm Discussion

12:25 pm - 12:30 pm General Discussion

12:30 pm Lunch

1:30 pm - 4:00 pm Free Time

4:00 pm - 6:00 pm Poster Session

6:00 pm Dinner

7:00 pm - 7:30 pm Business Meeting

Nominations for the Next Vice Chair; Fill in Conference Evaluation Forms; Discuss Future Site and Scheduling Preferences; Election of the Next Vice Chair

7:30 pm - 9:30 pm

Segregation Mechanics During Mitosis and Cytokinesis

Discussion Leader: **Fulvia Verde** (Leonard M. Miller School of Medicine, University of Miami, USA)

7:30 pm - 7:40 pm

Introduction by Discussion Leader

7:40 pm - 8:05 pm

Trisha Davis (University of Washington, USA)

"Kinetochores Get a Grip"

8:05 pm - 8:15 pm

Discussion

8:15 pm - 8:40 pm

Daniel Van Damme (VIB, Ghent University, Belgium)

"Interplay Between MAP65 and Alpha Aurora Kinases in *Arabidopsis* and *Physcomitrella*"

8:40 pm - 8:50 pm

Discussion

8:50 pm - 9:15 pm

Benjamin (Buzz) Baum (University College London, United Kingdom)

"Coupling Changes in Cell Shape to Chromosome Segregation"

9:15 pm - 9:25 pm

Discussion

9:25 pm - 9:30 pm

General Discussion

Thursday

7:30 am - 8:30 am

Breakfast

9:00 am - 12:30 pm

Cellular Morphogenesis

Discussion Leader: **Daniel Szymanski** (Purdue University, USA)

9:00 am - 9:10 am

Introduction by Discussion Leader

9:10 am - 9:35 am

Ethan Garner (Harvard University, USA)

"The Role of Dynamics in Bacterial Cell Division: Coupling Between Filament Motions and Cell Wall Synthesis"

9:35 am - 9:45 am

Discussion

9:45 am - 9:55 am

Selected from Poster Abstracts: **Christopher de Graffenried** (Brown University, USA)

"Cytoskeletal Morphogenesis in *Trypanosoma brucei*"

9:55 am - 10:00 am

Discussion

10:00 am - 10:30 am

Coffee Break

10:30 am - 10:55 am

Fred Chang (University of California, San Francisco, USA)

"Mechanical Regulation of Fission Yeast Cell Growth"

10:55 am - 11:05 am

Discussion

11:05 am - 11:30 am

David Ehrhardt (Carnegie Institution for Science / Stanford University, USA)

"Keeping Interphase Microtubule Arrays Limber – Essential Roles of End Associated Proteins"

in Array Reorientation"

11:30 am - 11:40 am Discussion

11:40 am - 12:05 pm **Andrew Bridges** (Dartmouth College, USA)
"Septins Sense Micron Scale Cell Curvature"

12:05 pm - 12:15 pm Discussion

12:15 pm - 12:25 pm Selected from Poster Abstracts: **Makoto Yanagisawa** (Purdue University, USA)
"ROP Signaling in a Microtubule Depletion Zone Controls Trichome Morphogenesis"

12:25 pm - 12:30 pm Discussion

12:30 pm Lunch

1:30 pm - 4:00 pm Free Time

4:00 pm - 6:00 pm Poster Session

6:00 pm Dinner

7:30 pm - 9:30 pm **Membrane Trafficking**

Discussion Leader: **Anja Geitmann** (McGill University, Canada)

7:30 pm - 7:40 pm Introduction by Discussion Leader

7:40 pm - 8:05 pm **David Drubin** (University of California, Berkeley, USA)
"A Synthetic Biology Approach to Uncovering the Roles of Actin, Myosin and WASP in Budding Yeast Clathrin-Mediated Endocytosis"

8:05 pm - 8:15 pm Discussion

8:15 pm - 8:40 pm **Ying Fu** (China Agricultural University, China)
"Multifunctional MAP18 Regulates Plant Cell Tip Growth"

8:40 pm - 8:50 pm Discussion

8:50 pm - 9:15 pm **Scott Dawson** (University of California, Davis, USA)
"Novel Microtubule Binding Proteins of the *Giardia* Ventral Disc"

9:15 pm - 9:25 pm Discussion

9:25 pm - 9:30 pm Closing Remarks

Friday

7:30 am - 8:30 am Breakfast

9:00 am Departure

Plant & Microbial Cytoskeleton – Attendee List

Name	Organization	Participation	Status
Ali, Samson	National University of Singapore	Attendee	Registered
Ambrose, Chris	University of Saskatchewan	Poster Presenter	Registered
Arasada, Rajesh	Yale University	Speaker	Registered
Avasthi, Prachee	University of Kansas Medical Center	Poster Presenter	Registered
Ayscough, Kathryn	University of Sheffield	Speaker	Registered
Bascom , Carlisle S	University of Massachusetts, Amherst	Poster Presenter	Registered
Baum, Benjamin (Buzz)	University College London	Speaker	Registered
Bergman, Zane J	University of California, Berkeley	Poster Presenter	Registered
Bezanilla, Magdalena	University of Massachusetts	Chair	Registered
Bibeau, Jeffrey P	Worcester Polytechnic Institute	Poster Presenter	Registered
Boruc, Joanna	VIB, Ghent University	Poster Presenter	Registered
Bridges, Andrew	Dartmouth College	Speaker	Registered
Bulgheresi, Silvia	University of Vienna	Speaker	Registered
Buschmann, Henrik	University Osnabrück	Poster Presenter	Registered
Buske, PJ	UCSF	Poster Presenter	Registered
Carroll, Robert T	SUNY Upstate Medical University	Poster Presenter	Registered
Chang, Mingqin	University of Massachusetts Amherst	Poster Presenter	Registered
Chang, Chuang-Rung	National Tsing Hua University	Poster Presenter	Registered
Chang, Fred	University of California, San Francisco	Speaker	Registered
Chastanet, Arnaud	Institut National de la Recherche Agronomique	Speaker	Registered
Chen, Cheng	Michigan State University	Poster Presenter	Registered
Chi, Zhihai	University of Saskatchewan	Poster Presenter	Registered
Christensen, Jenna	The University of Chicago	Speaker	Registered
Das, Maitreyi E	University of Tennessee	Speaker	Registered
Davis, Trisha N	University of Washington	Speaker	Registered
Dawson, Scott	University of California, Davis	Speaker	Registered
de Graffenried, Christopher	Brown University	Speaker	Registered
Dixit, Ram V	Washington University in St. Louis	Speaker	Registered
Dmitrieff, Serge A	EMBL	Poster Presenter	Registered
Drakakaki, Georgia	University of California, Davis	Speaker	Registered
Drubin, David G	University of California, Berkeley	Speaker	Registered
Durand-Smet, Pauline	California Institute of Technology	Speaker	Registered
Dutcher, Susan K	Washington University in St. Louis	Speaker	Registered
Dutta, Soumita	University of Kansas Medical Center	Poster Presenter	Registered
Ehrhardt, David	Carnegie Institution for Science / Stanford University	Speaker	Registered
Erickson, Harold	Duke University	Speaker	Registered
Flor-Parra, Ignacio	Pablo de Olavide University of Seville	Poster Presenter	Registered
Fritz-Laylin, Lillian K	University of California, San Francisco	Poster Presenter	Registered
Fu, Ying	China Agricultural University	Speaker	Registered

Fujita, Miki	University of British Columbia	Poster Presenter	Registered
Galotto, Giulia	Worcester Polytechnic Institute	Poster Presenter	Registered
Garabedian, Mikael	Brandeis University	Poster Presenter	Registered
Gardner, Melissa K	University of Minnesota	Speaker	Registered
Garner, Ethan Clark	Harvard University	Speaker	Registered
Geitmann, Anja	McGill University	Discussion Leader	Registered
Goley, Erin D	Johns Hopkins University School of Medicine	Speaker	Registered
Goode, Bruce L	Brandeis University	Speaker	Registered
Goshima, Gohta	Nagoya University	Poster Presenter	Registered
Gould, Kathy	Vanderbilt University School of Medicine	Speaker	Registered
Griffing, Lawrence R	Texas A&M University	Poster Presenter	Registered
Guest, Sarah	UC Davis	Poster Presenter	Registered
Gupta, Moe	Iowa State University	Speaker	Registered
Halat, Laryssa S	University of British Columbia	Poster Presenter	Registered
Hardin, William	University of Washington	Speaker	Registered
Henty-Ridilla, Jessica L	Brandeis University	Poster Presenter	Registered
Herrmann, Arvid	University of Tuebingen-ZMBP	Poster Presenter	Registered
Homa, Katie E	University of Chicago	Poster Presenter	Registered
Hu, Ke	Indiana University	Poster Presenter	Registered
Janson, Marcel E	Wageningen University	Poster Presenter	Registered
Kirik, Viktor M	Illinois State University	Poster Presenter	Registered
Koh, Fujiet Adrian	Institute of Molecular and Cell Biology	Poster Presenter	Registered
Komeili, Arash	University of California, Berkeley	Speaker	Registered
Kots, Kiki	Wageningen University	Poster Presenter	Registered
Kovar, David R	University of Chicago	Vice Chair	Registered
Kwon, Taegun	The Samuel Roberts Noble Foundation	Poster Presenter	Registered
Lai, Hung-Hsueh	Duke University	Speaker	Registered
Lamas, Iker	University of Lausanne	Speaker	Registered
Lang, Ingeborg	University of Vienna	Poster Presenter	Registered
Le, Yen	University of Saskatchewan	Poster Presenter	Registered
Lew, Daniel J	Duke University Medical Center	Discussion Leader	Registered
Lipka, Elisabeth	University of Tuebingen	Speaker	Registered
Liu, Chang	Beijing Normal University	Poster Presenter	Registered
Liu, Jian J	National Institutes of Health	Poster Presenter	Registered
MacCready, Joshua S	Michigan State University	Speaker	Registered
MacQuarrie, Cameron D	SUNY Upstate Medical University	Poster Presenter	Registered
Martinez, Pablo	UC Riverside	Poster Presenter	Registered
Muller, Sabine	University of Tübingen	Discussion Leader	Registered
Nebenfuehr, Andreas	University of Tennessee	Poster Presenter	Registered
Nguyen, Lam T	California Institute of Technology	Poster Presenter	Registered
Nolen, Brad J	University of Oregon	Speaker	Registered

Nosala, Christopher	Dawson Lab, University of California, Davis	Poster Presenter	Registered
O'Donnell, Marie Anne	Rockefeller University Press	Attendee	Registered
Omer, Safia	University of Massachusetts Amherst	Speaker	Registered
Orr, Robert G	Worcester Polytechnic Institute	Poster Presenter	Registered
Osteryoung, Katherine W	Michigan State University	Discussion Leader	Registered
Paredez, Alexander R	University of Washington	Poster Presenter	Registered
Petek, Natalie A	University of California, San Francisco	Speaker	Registered
Pitta, Thomas P	Andor Technology	Attendee	Registered
Pollard, Thomas D	Yale University	Discussion Leader	Registered
Porter, Katie J	Michigan State University	Poster Presenter	Registered
Qiu, Weihong	Oregon State University	Speaker	Registered
Rands, Thomas	Brandeis University	Poster Presenter	Registered
Rasmussen, Carolyn G	University of California, Riverside	Speaker	Registered
Ren, Zhanhong	Beijing Normal University	Poster Presenter	Registered
Ryan, Jennifer M	University of Tennessee, Knoxville	Poster Presenter	Registered
Sadot, Einat	The Volcani Center, ARO	Poster Presenter	Registered
Shaw, Sidney L	Department of Biology	Poster Presenter	Registered
Shen, Yanxin	Altria Client Service	Attendee	Registered
Sirotkin, Vladimir	SUNY Upstate Medical University	Attendee	Registered
Smertenko, Andrei	Washington State University	Poster Presenter	Registered
Snider, Chloe E	Vanderbilt University	Poster Presenter	Registered
Springstein, Benjamin	University of Kiel	Poster Presenter	Registered
Staiger, Chris J	Purdue University	Speaker	Registered
Steele-Ogus, Melissa C	University of Washington	Poster Presenter	Registered
Szymanski, Daniel B	Purdue University	Discussion Leader	Registered
Tang, Han	Wageningen University	Poster Presenter	Registered
Tetlow, Ashley L	University of Kansas Medical Center	Poster Presenter	Registered
Tuzel, Erkan	Worcester Polytechnic Institute	Speaker	Registered
Van Damme, Daniel Jg	VIB, Ghent University	Speaker	Registered
Vandal, Steven R	Worcester Polytechnic Institute	Poster Presenter	Registered
Verde, Fulvia	University of Miami	Discussion Leader	Registered
Vidali, Luis	Worcester Polytechnic Institute	Poster Presenter	Registered
Wasteneys, Geoffrey O	University of British Columbia	Speaker	Registered
Willet, Alaina H	Vanderbilt University	Poster Presenter	Registered
Wu, Jian-Qiu	The Ohio State University	Poster Presenter	Registered
Wu, Shu-Zon	University of Massachusetts Amherst	Speaker	Registered
Xue, Xiuhua	Beijing Normal University	Poster Presenter	Registered
Yalovsky, Shaul	Tel Aviv University	Poster Presenter	Registered
Yanagisawa, Makoto	Purdue University	Speaker	Registered
Zhu, Yili	University of Massachusetts, Amherst	Poster Presenter	Registered