



June 12-13, 2017

# Third Annual Front Range Computational & Systems Biology Symposium: Microbiome

Sponsored by the National Science Foundation

Scott Bioengineering Building, 700 Meridian Avenue  
Colorado State University, Fort Collins, CO

<http://gaussi.colostate.edu/highlights/events/symposiumjune2017>

## Poster Sessions, June 12 & 13

Graduate students and post-docs are invited to submit posters broadly connected to Computational and Systems Biology. Undergraduates may submit posters in any STEM discipline.

[Register](#) by **June 4, 2017** and provide your poster title!



## SCHEDULE OVERVIEW

### Monday, June 12

WORKSHOPS (8:30-11:30 a.m.). Registration Required!

- Data carpentry with R
- Genomics Data Visualization Workshop
- Visualization in Microbiome Research

1:00 p.m. Karim Dabbagh

2:00 p.m. Entrepreneur Panel, Careers in BioScience

*Sponsored by the CSU Graduate School*

3:15 p.m. Kerry Kinney

4:15 p.m. **Poster Session/Reception**

### Tuesday, June 13

8:30 a.m. NSF Research Traineeship Programs

10:10 a.m. Naomi Ward

11:10 a.m. **Poster Session/Lunch**

1:00 p.m. Sean Colgan

2:00 p.m. CSU Microbiome Session

3:15 p.m. Chris Lowry

4:15 p.m. Closing Remarks, Poster Awards

**REGISTRATION:** Let us know if you'll join before June 4, 2017.

<http://gaussi.colostate.edu/highlights/events/symposiumjune2017/>

*Your registration provides a head count for food!*

## SPEAKER HIGHLIGHTS



### Sean Colgan

Professor, University of Colorado Denver  
Director of the Mucosal Inflammation Program  
Vice Chairman of the Department of Medicine

*Tissue metabolism and inflammation in the mucosa*



### Karim Dabbagh

Chief Scientific Officer, Second Genome, Inc.

*Mining the human microbiome for therapeutic molecules to treat chronic diseases*



### Kerry Kinney

Professor, University of Texas Austin

*The Indoor Microbiome*



### Chris Lowry

Associate Professor, University of Colorado Boulder

*Effects of stress on the gut microbiome*



### Naomi Ward

Associate Professor, University of Wyoming  
Director, Wyoming INBRE Bioinformatics Core

*The role of gastrointestinal microbiota in Hirschsprung's-associated enterocolitis, and the challenges of replication*



A Special Thank You to NSF and our Sponsors:

