

SIMONS FOUNDATION

The First Workshop on Challenges in Microbiome Data Analysis

February 25-26, 2016

New York, NY

Agenda

Thursday, February 25, 2016

8:00am – 9:00am

Registration

Introductory Remarks

9:00am – 9:15am

Eric Alm – *MIT Center for Microbiome Informatics and Therapeutics*

Session I

(20-minute talk / 5-minute Q&A)

9:15am – 9:40am

Dirk Gevers – *Janssen Research & Development*

9:40am – 10:05am

Susan Huse – *Symbiota*

10:05am – 10:30am

Ian Jeffrey – *APC Microbiome Institute*

10:30am – 10:50am

Coffee Break

Session II

11:00am – 11:50am

Keynote Speaker

Rafael Irizarry – *Harvard T.H. Chan School of Public Health*

11:50am - 1:15pm

Lunch Break

Session III

(20-minute talk / 5-minute Q&A)

1:15pm – 1:40pm

Zachary Kurtz – *New York University*

1:40pm – 2:05pm

Lawrence David – *Duke University*

2:05pm – 2:30pm

Michael Tikhonov – *Harvard University*

2:30pm - 3:15pm

Coffee Break & DNA Twister Tournament

Session IV

(20-minute talk / 5-minute Q&A)

3:15pm – 3:40pm

Jeroen Raes – *Rega Institute for Medical Research*

3:40pm – 4:05pm

Karoline Faust – *KU Leuven, VIB - VUB*

4:05pm – 4:30pm

Hongzhe Li – *University of Pennsylvania*

4:45pm - 7:00pm

Poster Session & Reception

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Friday, February 26, 2016

8:00am – 9:00am Registration

Session V

(20-minute talk / 5-minute Q&A)

9:00am – 9:25am

Vera Pawlowsky-Glahn – *University of Girona*

9:25am – 9:50am

Sarah Preheim – *Johns Hopkins, Whiting School of Engineering*

9:50am – 10:15am

Elaine Holmes – *Imperial College London*

10:15am - 10:40am

Coffee Break

Session VI

(20-minute talk / 5-minute Q&A)

10:40am – 11:05am

Patricio La Rosa – *Monsanto Company*

11:05am – 11:30am

Sebastian Schmidt – *University of Zurich*

11:30am – 11:55am

Benjamin Callahan – *Stanford School of Medicine*

11:55am - 1:15pm

Lunch Break

Session VII

(20-minute talk / 5-minute Q&A)

1:15pm – 1:40pm

William Shannon – *Washington University School of Medicine*

1:40pm – 2:05pm

Ilana Brito – *Massachusetts Institute of Technology*

2:05pm – 2:30pm

Aravind Subramanian – *The Broad Institute*

2:30pm - 2:50pm

Coffee Break

Session VIII

Talk for poster session (10-minutes)

2:50pm – 3:00pm

Nolen Perualila - Development of Microbiome Biomarkers for IgA: a Dynamic Joint Modeling Approach

3:00pm – 3:10pm

Jonas Schlueter - The Ecology of the Microbiome: Networks, Competition, and Stability

3:10pm – 3:20pm

Wes Viles - Entropy, Statistical Dependence, and Network Structure of the Human Infant Gut Microbiome

Session IX

(20-minute talk / 5-minute Q&A)

3:25pm – 3:50pm

Christopher Quince – *Warwick Medical School*

3:50pm – 4:15pm

Charles Fisher – *Pfizer, Inc.*

4:15pm – 4:40pm

Michael Shaffer – *University of Colorado School of Medicine*

Closing Remarks and Best Talk Award

4:40pm – 5:00pm

Richard Bonneau – *Simons Foundation, New York University*

5:00pm

Program Concludes

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