



Getting Involved in Microbiome Research for Clinicians: From Sequencing to Grant Writing

May 23-25, 2017 – Main Program
May 26, 2017 – Optional Laboratory Day

Marine Biological Laboratory
Woods Hole, MA

Agenda*

May 23, 2017

3 – 5pm Registration and Room Check-in
5 – 7pm Opening Reception

May 24, 2017

8:30am – 5pm **Program**
Please join us for a full day of informative sessions presented by experts in the field. All sessions will take place in the conference center at the MBL and all meals will be provided.

Session I **Welcome and Introductions**
Session II **The Science and Language of Microbiome Research**
 Current State of Knowledge of the Microbiome in Human Health and Disease
 Lunch Program
Session III **Bioinformatics and Data Management – Turning data into knowledge**
Session IV **Sampling Protocols and Practical Considerations**

7 – 9pm **Dinner on site with course participants and faculty**
 Guest Speaker - Julie Huber, Associate Scientist at the MBL and ocean/marine microbiome expert

May 25, 2017

8:30am – 5pm **Program**
The second day of sessions will build upon information presented in day one.



THE UNIVERSITY OF
CHICAGO

Argonne
NATIONAL LABORATORY



Marine
Biological
Laboratory
THE UNIVERSITY OF
CHICAGO

Session I	Manipulating and Transplanting the Microbiome
Session II	Clinical Trials – Setting the stage for success
	Lunch
Session III	How to Build a Team/Write an NIH grant for Clinical Microbiome Research
Session IV	Concluding Remarks, Discussion, and Open Questions
	Dinner on your own

May 26, 2017

9am – 3pm OPTIONAL Laboratory Day Provided by Promega (Space is Limited)

Get your Hands Dirty with Nucleic Acid Purification – A One-Day Journey

Join us for a one-day hands-on laboratory session focused on teaching you the basic techniques for Nucleic Acid isolation and quantitation. The session will review Nucleic Acid purification methods and considerations for different sample types related to microbiome research, discuss what information different quantitation methods tell you (and what they don't), and provide you the opportunity to isolate your DNA from buccal swab and quantitate your sample using several methods.

**Please note this is a draft agenda and is subject to change.*

Accommodations: Simple accommodations are available within the MBL conference center or participants may choose to make their own arrangements at one of the nearby establishments. MBL accommodations include lodging after the conclusion of the course on May 25.

Meals: Registration fee includes opening reception on May 23, all meals on May 24, breakfast and lunch on May 25, and breakfast and lunch on May 26 for those participating in optional laboratory day.

Tuition: Registration fees are \$1400 for the course including lodging at the MBL, and \$800 not including lodging. The cost for the optional laboratory day is \$100 and space is limited.

Course Instructors: The course draws upon expertise across The Microbiome Center at the University of Chicago, Argonne National Laboratory and the Marine Biological Laboratory.

John Alverdy, MD – Sara and Harold Lincoln Thompson Professor and Executive Vice Chair, Department of Surgery – The University of Chicago

Eugene Chang, MD – Martin Boyer Professor, Department of Medicine, Associate Section Chief for Research, Section of Gastroenterology, Hepatology, and Nutrition – The University of Chicago

Jack Gilbert, PhD – Faculty Director, The Microbiome Center; Professor, Department of Surgery – The University of Chicago; Senior Scientist (Adjunct), the Marine Biological Laboratory; Group Leader in Microbial Ecology, Argonne National Laboratory



THE UNIVERSITY OF
CHICAGO

Argonne
NATIONAL LABORATORY



Marine
Biological
Laboratory
THE UNIVERSITY OF
CHICAGO

Marisa Alegre, MD, PhD – Professor, Department of Medicine, Section of Rheumatology
Committees on Immunology, Molecular Medicine, Molecular Metabolism and Nutrition, Cancer
Research Center – The University of Chicago

Stacy Kahn, MD – Boston Children's Hospital, Inflammatory Bowel Disease Center

David Mark Welch, PhD – Senior Scientist – Marine Biological Laboratory

Jayant Pinto, MD – Associate Professor, Department of Surgery – University of Chicago

Mitchell Sogin, PhD – Distinguished Senior Scientist – Marine Biological Laboratory

Alyson Yee – Researcher – University of Chicago



THE UNIVERSITY OF
CHICAGO



Marine
Biological
Laboratory
THE UNIVERSITY OF
CHICAGO