

NIH Research Festival

*A Celebration of
Intramural Science*

Image provided by
Sriram Subramaniam, NCI

Join Us for the Annual Showcase of NIH Intramural Research

Opening Plenary Sessions
Concurrent Workshop Sessions
Poster Sessions
Green Events and Green Labs Fair
Special Exhibits on IRP Resources
Vendor Tent Show and More

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#ResearchFest

September 16-18, 2015

Building 10 | NIH Bethesda Campus



Intramural Research Program
Our Research Changes Lives

General Schedule of Events

All events will be held in Building 10, unless otherwise noted

DAY 1

9:00 a.m. – 10:00 a.m.
10:00 a.m. – 12:00 p.m.

12:00 p.m. – 2:00 p.m.
12:30 p.m. – 2:30 p.m.
3:30 p.m. – 5:00 p.m.
3:30 p.m. – 5:00 p.m.

Wednesday, September 16, 2015

NIH Tours, locations vary
Plenary Session I: Creating NIH Technology Incubators
Masur Auditorium
NIH Green Labs Fair and Exhibits, Building 10 (South Lobby)
Concurrent Workshops Session I
Poster Session I, FAES Terrace
Special Exhibits on Resources for Intramural Research
Building 10 (South Lobby)

DAY 2

9:00 a.m. – 10:00 a.m.
9:30 a.m. – 10:00 a.m.
9:30 a.m. – 3:30 p.m.

10:15 a.m. – 12:15 p.m.

11:00 a.m. – 2:00 p.m.
12:00 p.m. – 1:30 p.m.
12:00 p.m. – 1:30 p.m.

1:30 p.m. – 3:30 p.m.
3:30 p.m. – 5:00 p.m.

3:30 p.m. – 5:00 p.m.

Thursday, September 17, 2015

NIH Tours, locations vary
FARE Awards Ceremony, Masur Auditorium
Technical Sales Association (TSA) Exhibit Tent Show
Parking Lot 10H
Plenary Session II: Responding to Public Health Emergencies
Masur Auditorium
R&W “Taste of Bethesda” Lunch, Parking Lot 10H
Poster Session II, FAES Terrace
Special Exhibits on Resources for Intramural Research
Building 10 (South Lobby)
Concurrent Workshops Session II
Poster Session III and IC and Scientific Directors Poster Session, FAES Terrace
Special Exhibits on Resources for Intramural Research
Building 10 (South Lobby)

DAY 3

9:00 a.m. – 10:00 a.m.
9:30 a.m. – 2:30 p.m.

10:00 a.m. – 12:00 p.m.

12:00 p.m. – 1:30 p.m.
12:00 p.m. – 1:30 p.m.

2:00 p.m. – 3:30 p.m.
2:00 p.m. – 3:30 p.m.

Friday, September 18, 2015

NIH Tours, locations vary
Technical Sales Association (TSA) Exhibit Tent Show
Parking Lot 10H
Plenary Session III: Chronic Inflammation
Masur Auditorium
Poster Session IV, FAES Terrace
Special Exhibits on Resources for Intramural Research
Building 10 (South Lobby)
Poster Session V, FAES Terrace
Special Exhibits on Resources for Intramural Research
Building 10 (South Lobby)

Day 1

Wednesday, September 16, 2015

9:00 a.m. – 10:00 a.m.

NIH Tours, locations vary

10:00 a.m. – 12:00 p.m.

Plenary Session I: Creating NIH Technology Incubators
Masur Auditorium

The NIH Intramural Research Program (IRP) has a world-class cohort of investigators who are moving the state-of-the-art to visualize molecules at the cellular level and to use clinical imaging to improve diagnosis and treatment of diseases. Examples include near-atomic-level imaging of protein-drug interactions, the imaging of sub-cellular movement in real-time in living organisms, and the use of imaging to improve diagnosis and treatment of cancer. This plenary session will focus on the ways the IRP has invested in and will develop the infrastructure to support paradigm-shifting technologies.

- **Welcome and Introduction**

Michael Gottesman, M.D., Deputy Director for Intramural Research, NIH

- **Improving the diagnosis and treatment of prostate cancer**

Peter Choyke, M.D., F.A.C.R. (NCI/CCR)

- **Real-time high-resolution imaging of living organisms**

Hari Shroff, Ph.D. (NIBIB)

- **The Cryo-EM revolution: applications to biology and medicine**

Sriram Subramaniam, Ph.D. (NCI/CCR)

- **Panel Discussants:** Adriaan Bax, Ph.D. (NIDDK), Jodi Black, Ph.D. (NHLBI), and Jennifer Lippincott-Schwartz, Ph.D. (NICHD)

12:00 p.m. – 2:00 p.m.

NIH Green Labs Fair and Exhibits, Building 10 (South Lobby)

12:30 p.m. – 2:30 p.m.

Concurrent Workshops Session I

- **Microbiome and Drug Resistance**, Lipsett Amphitheater
- **Gene and Cell-Based Therapies**, Masur Auditorium
- **RNA Biology and Therapeutics**, FAES Classrooms 2–4

3:30 p.m. – 5:00 p.m.

Poster Session I, FAES Terrace

3:30 p.m. – 5:00 p.m.

Special Exhibits on Resources for Intramural Research
Building 10 (South Lobby)

Day 2

Thursday, September 17, 2015

- 9:00 a.m. – 10:00 a.m.** **NIH Tours**, locations vary
- 9:30 a.m. – 10:00 a.m.** **FARE Awards Ceremony**, Masur Auditorium
- 9:30 a.m. – 3:30 p.m.** **Technical Sales Association (TSA) Exhibit Tent Show**
Parking Lot 10H
- 10:15 a.m. – 12:15 p.m.** **Plenary Session II: Responding to Public Health Emergencies**
Masur Auditorium
- This plenary session will focus on the many ways that the NIH Intramural Research Program (IRP) has served a crucial role in various public health emergencies. From assessing radiation dangers after the Japanese tsunami and nuclear accident, to developing an Ebola vaccine and treating infected individuals, to tracing the origins of recent food-borne disease outbreaks through genomic analysis, the NIH IRP continues to be among the “first responders” to protect the nation’s and the world’s health.
- **Welcome and Introduction**
Francis Collins, M.D., Ph.D., Director, NIH
 - **The West African NIH clinical research response to Ebola**
Clifford Lane, M.D. (NIAID)
 - **Mental health in the global context: threats and interventions**
Pamela Collins, M.D. (NIMH)
 - **A national genomics network for food safety**
David Lipman, M.D. (NLM-NCBI)
 - **Panel Discussants:** Linda Birnbaum, Ph.D. (NIEHS), Francis Collins, M.D., Ph.D. (NIH), and Anthony Fauci, M.D. (NIAID)
- 11:00 a.m. – 2:00 p.m.** **R&W “Taste of Bethesda” Lunch**, Parking Lot 10H
- 12:00 p.m. – 1:30 p.m.** **Poster Session II**, FAES Terrace
- 12:00 p.m. – 1:30 p.m.** **Special Exhibits on Resources for Intramural Research**
Building 10 (South Lobby)
- 1:30 p.m. – 3:30 p.m.** **Concurrent Workshops Session II**
- **Vaccines**, Masur Auditorium
 - **Neuroscience and Compulsive Behaviors**, Lipsett Amphitheater
 - **Natural Products**, FAES Classrooms 2–4
- 3:30 p.m. – 5:00 p.m.** **Poster Session III and IC and Scientific Directors Poster Session**
FAES Terrace
- 3:30 p.m. – 5:00 p.m.** **Special Exhibits on Resources for Intramural Research**
Building 10 (South Lobby)

Day 3

Friday, September 18, 2015

9:00 a.m. – 10:00 a.m.

NIH Tours, locations vary

9:30 a.m. – 2:30 p.m.

Technical Sales Association (TSA) Exhibit Tent Show
Parking Lot 10H

10:00 a.m. – 12:00 p.m.

Plenary Session III: Chronic Inflammation
Masur Auditorium

Most of the NIH institutes and centers are involved in studies for which chronic inflammation is a common denominator. Allergies, asthma, heart and circulatory disease, rheumatoid arthritis, inflammatory bowel disease, celiac disease, some cancers, multiple sclerosis, and possibly Alzheimer's. These are just a few debilitating diseases that can originate partly or entirely from the immune system's aggressive response to perceived harmful stimuli. Aging itself has been described as the totality of a lifetime of chronic inflammation. Better understanding the causes and control of chronic inflammation thus can lead to profound improvements in human health and healthy longevity. With its deep trove of immunologists, rheumatologists, and cancer biologists, the NIH IRP can make major contributions to the characterization and control of inflammatory processes.

- **Welcome and Introduction**

Michael Gottesman, M.D., Deputy Director for Intramural Research, NIH

- **Cytokine signaling: basic and applied**

John O'Shea, M.D. (NIAMS)

- **Advanced imaging of lesion repair in multiple sclerosis**

Danny Reich, M.D., Ph.D. (NINDS)

- **The NIH Center for Human Immunology**

Neal Young, M.D. (NHLBI)

- **Panel Discussants:** Rachel Caspi, Ph.D. (NEI), Stephen Katz, M.D., Ph.D. (NIAMS), and Thomas Wynn, Ph.D. (NIAID)

12:00 a.m. – 1:30 p.m.

Poster Session IV, FAES Terrace

12:00 p.m. – 1:30 p.m.

Special Exhibits on Resources for Intramural Research
Building 10 (South Lobby)

2:00 p.m. – 3:30 p.m.

Poster Session V, FAES Terrace

2:00 p.m. – 3:30 p.m.

Special Exhibits on Resources for Intramural Research
Building 10 (South Lobby)

Technical Sales Association (TSA) Research Festival Exhibit Tent Show

Thursday, September 17, 2015 - 9:30 a.m. – 3:30 p.m.

Friday, September 18, 2015 - 9:30 a.m. – 2:30 p.m.

The Technical Sales Association (TSA) sponsors the popular Research Festival Exhibit Tent Show. A large group of exhibitors will display state-of-the-art equipment, supplies and services from leading regional and national biomedical research suppliers. For more information, please visit: <http://www.gtpmgt.com>.

The NIH Library Open House will be held Thursday, September 17 from 9:30 a.m. to 3:30 p.m. and Friday, September 18 from 9:30 a.m. to 12:00 p.m. in Building 10. The Library's open house will showcase why they are truly "Your Partner in Research".



Thank you for attending the 2015 NIH Research Festival, and for your support of the NIH Intramural Research Program. We hope you will enjoy sharing and learning about the exciting research taking place at the NIH.

For more information, please visit: <http://researchfestival.nih.gov>

You can also email us at researchfest@mail.nih.gov

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NIH Research Festival Chair:

Michael M. Gottesman, M.D., Deputy Director for Intramural Research, NIH



Intramural Research Program

Our Research Changes Lives

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