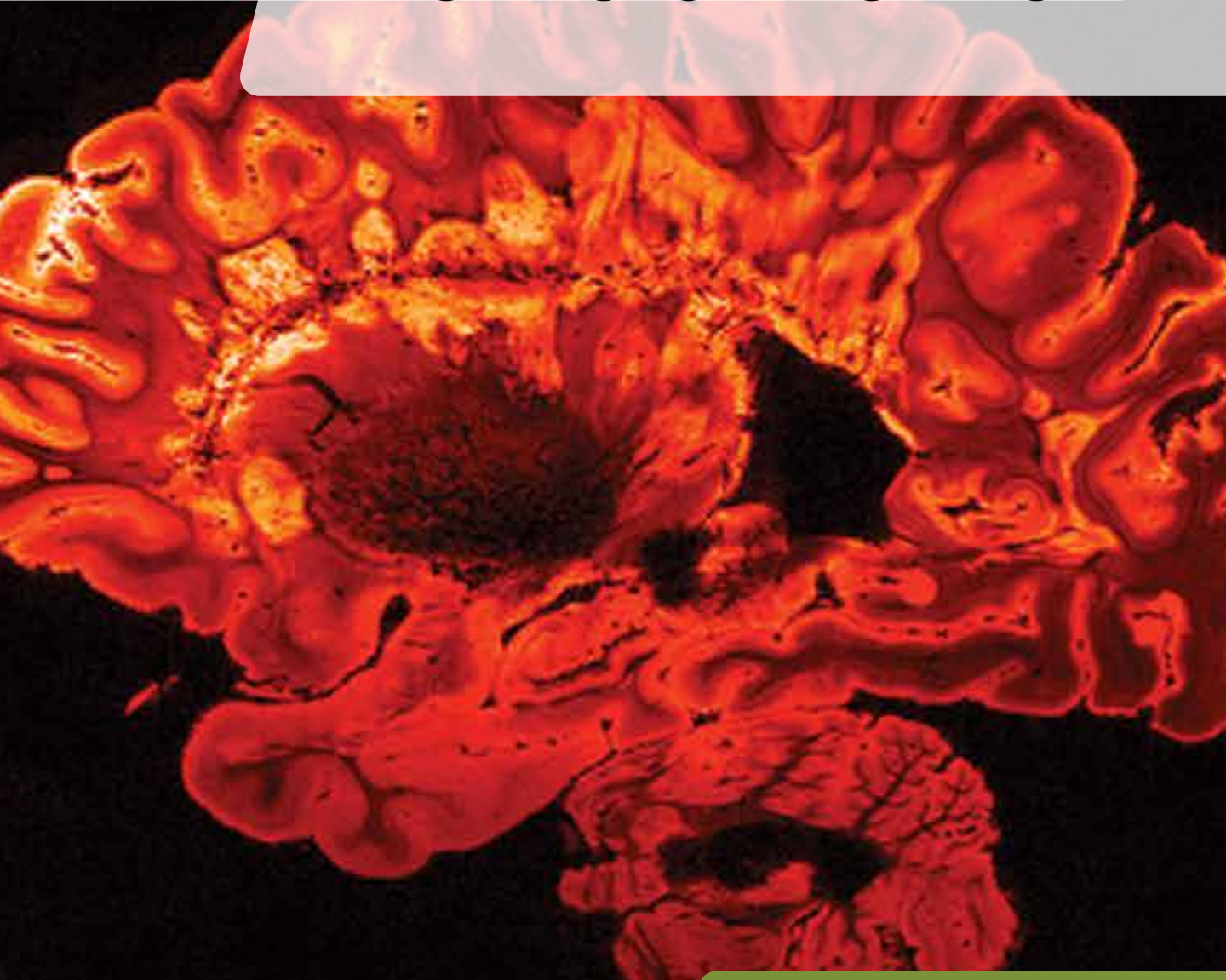


NIH Research Festival

The Era of the Brain



Intramural Research Program

Our Research Changes Lives

researchfestival.nih.gov

September 22-24, 2014

Building 10 | NIH Bethesda Campus

General Schedule of Events

All events will be held in Building 10

DAY 1

Monday, September 22, 2014

- 10:00 a.m. – 12:00 p.m.** **Opening Plenary Session, “The Era of the Brain”**
Masur Auditorium
- 12:00 p.m. – 2:00 p.m.** **Poster Session I**, FAES Academic Center
- 12:00 p.m. – 2:00 p.m.** **Special Exhibits on Resources for Intramural Research**
Building 10 first-floor hallway
- 12:00 p.m. – 3:00 p.m.** **NIH Green Labs Fair and Exhibits**, Building 10 (South Lobby)
- 2:00 p.m. – 4:00 p.m.** **Concurrent Symposia Session I**, FAES Academic Center
- 4:00 p.m. – 6:00 p.m.** **Poster Session II with Institute and Center Directors and Scientific Directors Posters and Cooking Contest**
FAES Academic Center
- 4:00 p.m. – 6:00 p.m.** **Special Exhibits on Resources for Intramural Research**
Building 10 first-floor hallway

DAY 2

Tuesday, September 23, 2014

- 9:00 a.m. – 10:00 a.m.** **NIH History Tour and Clinical Center Tour**
Building 10 (North Lobby)
- 9:30 a.m. – 3:30 p.m.** **Technical Sales Association (TSA) Exhibit Tent Show**
Parking lot 10H
- 10:00 a.m. – 12:00 p.m.** **Concurrent Symposia Session II**, FAES Academic Center
- 11:00 a.m. – 2:00 p.m.** **R & W “Taste of Bethesda” lunch**, Parking lot 10H
- 12:00 p.m. – 2:00 p.m.** **Poster Session III**, FAES Academic Center
- 12:00 p.m. – 2:00 p.m.** **Special Exhibits on Resources for Intramural Research**
Building 10 first-floor hallway
- 2:00 p.m. – 4:00 p.m.** **Concurrent Symposia Session III**, FAES Academic Center

DAY 3

Wednesday, September 24, 2014

- 9:00 a.m. – 10:00 a.m.** **NIH History Tour, and Clinical Center Tour**
Building 10 (North Lobby)
- 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.** **Poster Session IV**, FAES Academic Center
- 10:00 a.m. – 12:00 p.m.** **Special Exhibits on Resources for Intramural Research**
Building 10 first-floor hallway
- 12:00 p.m. – 2:00 p.m.** **Concurrent Symposia Session IV**, FAES Academic Center

Day 1

Monday, September 22, 2014

10:00 a.m. – 12:00 p.m.

Opening Plenary Session “The Era of the Brain”

Masur Auditorium

The opening plenary session will have a variety of presentations this year. We will start the plenary with a welcome by NIH Director Francis Collins and then have the FARE Awards Ceremony and two scientific lectures. The Fellows Award for Research Excellence (FARE) Program is in its 20th year of providing recognition for the outstanding scientific research performed by intramural fellows. There will be a short ceremony to recognize the FARE winners from this year. We then will have two 30-minute lectures by Drs. Antonello Bonci and Mark Hallett about their latest brain research on addiction and movement, respectively.

- **Welcome: Exceptional opportunities in biomedical research**
Dr. Francis Collins, Director, NIH
- **FARE award winners recognition**
Drs. Lori Conlan, Hien Dang, and Sudhir Rai
- **“Optogenetic approaches to understanding substance use disorders”**
Dr. Antonello Bonci, Scientific Director, NIDA
- **“Focal Hand Dystonia: A failure of just one highly skilled movement”**
Dr. Mark Hallett, Senior Investigator, NINDS

12:00 p.m. – 2:00 p.m.

Poster Session I, FAES Academic Center

Biomedical Engineering and Biophysics; Developmental Biology; Neuroscience; Research Support Services; Social and Behavioral Sciences

12:00 p.m. – 2:00 p.m.

Special Exhibits on Resources for Intramural Research

Building 10 first-floor hallway

12:00 p.m. – 3:00 p.m.

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

2:00 p.m. – 4:00 p.m.

Concurrent Symposia Session I, FAES Academic Center

- **New biological targets for drug discovery and development**
Lipsett Auditorium
- **The role of cues and contexts in adaptive and maladaptive behaviors: From mice to humans**, Classrooms 1 and 2
- **Commercial development of my research discoveries: Still more personal stories of former NIH Intramural scientists**, Classroom 3
- **Cyclic AMP signaling in the nervous system: A translational perspective**
Classroom 4
- **Epidemiology of aging**, Classrooms 6 and 7

4:00 p.m. – 6:00 p.m.

Poster Session II with Institute and Center Directors and Scientific Directors Posters and Cooking Contest

FAES Academic Center

Chromosome Biology; Genetics and Genomics; IC Directors; Molecular Biology and Biochemistry; Scientific Directors

4:00 p.m. – 6:00 p.m.

Special Exhibits on Resources for Intramural Research

Building 10 first-floor hallway

Day 2

Tuesday, September 23, 2014

9:00 a.m. – 10:00 a.m.

NIH History Tour, and Clinical Center Tour

Building 10 (North Lobby)

9:30 a.m. – 3:30 p.m.

Technical Sales Association (TSA) Exhibit Tent Show

Parking lot 10H

10:00 a.m. – 12:00 p.m.

Concurrent Symposia Session II, FAES Academic Center

- **Demystifying Medicine**, Lipsett Auditorium
- **Optogenetic approaches to investigating the nervous system**
Classrooms 1 and 2
- **Moving molecules from model systems to medicine in pain research**
Classroom 3
- **Using BTRIS to accelerate the clinical research process from idea to publication**, Classroom 4
- **Stem cells in development and diseases**, Classrooms 6 and 7

11:00 a.m. – 2:00 p.m.

R & W “Taste of Bethesda” lunch, Parking lot 10H

12:00 p.m. – 2:00 p.m.

Poster Session III, FAES Academic Center

Clinical Research; Epidemiology; Health Disparities; Immunology; Molecular Pharmacology; Systems Biology; Virology

12:00 p.m. – 2:00 p.m.

Special Exhibits on Resources for Intramural Research

Building 10 (First-Floor Hallway)

2:00 p.m. – 4:00 p.m.

Concurrent Symposia Session III, FAES Academic Center

- **Glia: A new frontier**, Lipsett Auditorium
- **“Opening the CC Doors”: Opportunities for collaborative research at the NIH Clinical Center (U01)**, Classrooms 1 and 2
- **The health of women of color: A critical intersection at the corner of sex/gender and race/ethnicity**, Classroom 3
- **Role of the autophagic and endo/lysosomal systems in disease and survival**, Classroom 4
- **Advances in molecular microscopy**, Classrooms 6 and 7

Day 3

Wednesday, September 24, 2014

9:00 a.m. – 10:00 a.m.

NIH History Tour, and Clinical Center Tour

Building 10 (North Lobby)

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.

Poster Session IV, FAES Academic Center

Cancer Biology; Cell Biology; Chemical Biology; Computational Biology; Microbiology and Infectious Diseases; Stem Cell Biology; Structural Biology

10:00 p.m. – 12:00 p.m.

Special Exhibits on Resources for Intramural Research

Building 10 (First-Floor Hallway)

12:00 p.m. – 2:00 p.m.

Concurrent Symposia Session IV, FAES Academic Center

- **Assays to lead the way: High-throughput screening and probe discovery at the NIH**, Classrooms 1 and 2
- **Mechanisms of biological self-organization from the molecular scale to behavior**, Classroom 3
- **Rare Tumor Research at NIH: Strategies to Accelerate Development of Therapies**, Classroom 4
- **Searching for imaging biomarkers of brain disorders: From preclinical models to clinical treatments**, Classrooms 6 and 7

Tuesday, September 23, 2014 - 9:30 a.m. – 3:30 p.m.

Wednesday, September 24, 2014 - 9:30 a.m. – 2:30 p.m.

Technical Sales Association (TSA) Research Festival Exhibit Tent Show

The Technical Sales Association (TSA) sponsors the popular Research Festival Exhibit Tent Show. More than 400 exhibitors will display state-of-the-art equipment supplies and services by leading regional and national biomedical research suppliers. There is no cost to attend the exhibit, but it is recommended that you pre-register online to avoid the long on-site registration lines.

To register, please visit: <http://www.gtpmgt.com>. To view a list of confirmed exhibit booths please visit: <http://www.gtpmgt.com/attendees.php?id=4>.



Thank you for attending the 2014 NIH Research Festival, and for your support of the NIH Intramural Research Program. We hope you enjoy learning about the exciting research taking place on campus.

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

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

Follow us on Twitter: [@NIHResearchFest](https://twitter.com/NIHResearchFest)

#ResearchFest

NIH Research Festival Co-Chairs:

Dr. Catherine Bushnell, Scientific Director, NCCAM

Dr. Michael Krause, Scientific Director, NIDDK



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