

Gathering On Functional Annotation of Animal Genomes (GO-FAANG)



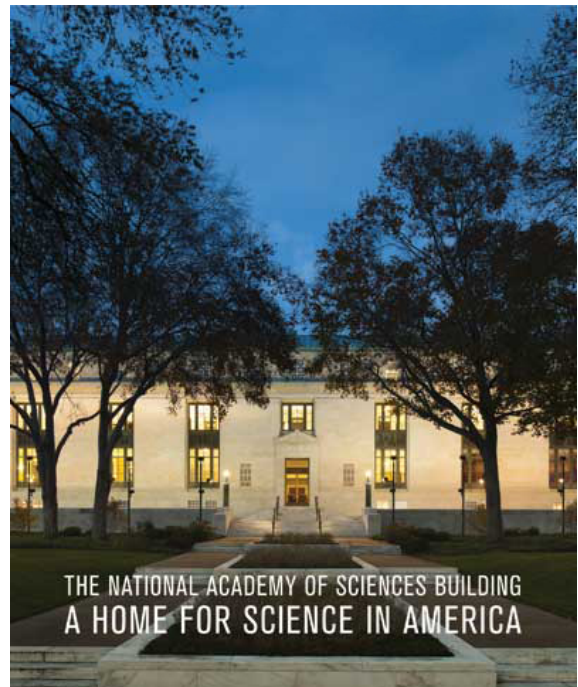
A coordinated international action to accelerate genome to phenome

The GO-FAANG workshop is scheduled for October 7-8, 2015. We will convene at the US National Academy of Sciences Building on the *National Mall, 2101 Constitution Ave NW, Washington, DC 20418.*

The purpose of this meeting is to exchange information and develop plans for organizing the FAANG effort world-wide.

Several Plenary speakers will provide inspiration for attendees to look forward to the value of functional annotation in species with deep quantitative phenotyping data. The majority of the meeting time will be devoted to small and large group discussion of priorities and needs of the FAANG project.

Expected to attend: Genome scientists, industry and funding agency representatives from the US, Canada, Europe, Asia and Australia.



Preliminary GO-FAANG program

October 7, 2015 (Wednesday)

Combined Session 1: **The Scientific Value of Functional Genomics Data**

Chair: Christopher Tuggle (Iowa State University)

- 5:15 Welcome/Housekeeping and Charge to Attendees
Chris Tuggle (Iowa State University)
- 5:30-6:30 *Plenary talk 1.* Topic: **Value of ENCODE data** (title to be finalized)

John Stamatoyannopoulos (U Washington)
45 minute lecture with 15 minutes of follow-up questions

6:30-7:30 Light bites and social hour

October 8, 2015 (Thursday)

Combined Session 2: **What is needed for Genome to Phenome (G2P)?**

Chairs: Stephen White (USDA-ARS and Washington State University),
Brian Dalrymple (CSIRO)

8:00-8:15 FAANG Status on Data creation

8:15-9:15 *Plenary Talk 2.* Topic: **A biologists 'mud map' to genome atlas projects.**
Christine Wells, University of Queensland & University of Glasgow.
30 minute lecture with ~30 minutes of questions

9:15-9:30 **FAANG Status on Data storage and analysis and challenges**

9:30-10:30 *Plenary Talk 3-* Topic: **Data storage and analysis** (title to be finalized)
Paul Flicek (EMBL-EBI)
30 minute lecture with ~30 min of questions

10:30-11:00 Coffee Break

11:00-12:00 **Funding agencies perspectives on Genome to Phenome**

(Presentations possible from following Agencies expected to attend: USDA, Genome Canada, BBSRC, EC, NIH, NSF, ANR). Format: ~10 minutes talk per agency attending; available remaining time for question-answer session with agencies available.

12:00-1:30 Lunch

1:30-3:00 Breakout sessions
Breakout 1: Data creation
Breakout 2: Data analysis

3:00-3:30 Coffee Break

Combined Session 3: **The Way Forward**

Chair: Jeff Silverstein (USDA-ARS)

3:30-5:00 Report back from breakout sessions (30-40 minutes each group)

5:00-5:30 Ideas taken, next steps summary
Chair/Discussion leaders: Laura Clarke, Jim Reecy, Jiuzhou Song

6:00-7:00 Social

7:00-8:30 Dinner