



In conjunction with the Arthropod Genomics Symposium

i5k Workshop 2012

May 30-31, Kansas City Marriott
Kansas City, MO, U.S.

KEYNOTE SPEAKER

STEPHEN O'BRIEN*
(National Institutes of Health)

INVITED SPEAKERS

*Confirmed

SUSAN BROWN*
(Kansas State University)

JONATHAN CODDINGTON
(Smithsonian Institution)

CHRISTINE ELSIK
(Georgetown University)

GEORGE GILCHRIST
(National Science Foundation)

KEVIN HACKETT*
(USDA-ARS)

DANIEL LAWSON
(EMBL)

NANCY MORAN
(Yale University)

MICHAEL PFRENDER
(Notre Dame University)

STEPHEN RICHARDS*
(Baylor College of Medicine)

GENE ROBINSON
(University of Illinois)

STEVEN SALZBERG
(Johns Hopkins University)

EVGENY ZDOBNOV*
(University of Geneva)

GOUIE ZHANG (Beijing Genomics Institute)

WORKSHOP ORGANIZERS

Jay D. Evans, USDA-ARS (co-Chair); Susan Brown, Kansas State University (co-Chair); Monica Muñoz-Torres, Georgetown University; Marc Muskavitch, Boston College; Daniel Lawson, EMBL

The **i5k initiative** aims for genome sequences of 5,000 insects and other arthropods over the next 5 years. Targets include species important to worldwide agriculture, food safety, medicine, and energy production; those used as models in biology; the most abundant in world ecosystems; and key representatives for understanding arthropod evolution and phylogeny.

This **Community Workshop** will unite biologists, informaticists, and policy-makers. Attendees will discuss criteria for choosing key taxa, elements of successful insect genome projects, and the coordination and funding of training and resources in informatics.

For more information please visit <http://arthropodgenomes.org/wiki/i5K>

Wednesday, May 30, 2012

7:15-8:15 am **Registration & Breakfast**

8:30-5:30 **Speaker Sessions:** Keynote Speech and Sessions with i5k foci:
1) "Global Needs for Insect Genomics," 2) "Sampling for Impact and Diversity," 3) "Strategies for Successful Community Genome Projects" and 4) "Current Progress on 100+ Genomes"

7:30-10:00 pm **Poster session:** By breakout group topic.

Thursday, May 31, 2012

8:30-11:30 **Topical Breakout groups:** Split by i5k Working Groups, including 1) "Funding and Resources," 2) "Taxon and Sampling Decisions," 3) "Sequencing and Assembly," and 4) "Community Annotation, Curation, and Delivery."

1:00-5:00 **Common Session and Report-backs:** Goals- Writing groups for key components, recruitment of point people for ongoing 100+ projects, and increasing overall training in genomics for entomologists and insects for genomicists. Coordination of specific writing plans and a framework for initiating the next 400 projects in 2012.

Arthropod Genomics Symposium BEGINS 7:30 p.m. May 31 (Separate Registration)

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