James S. McDonnell Foundation  
Glioma Ecosystem Opportunity Workshop  
La Jolla, California  
April 14-16, 2011

Agenda

Thursday, April 14, 2011

6:30 – 7:30 p.m.  Reception, Poplar Room
7:30 – 9:30 p.m.  Dinner, Poplar Room

Friday, April 15, 2011

7:00 – 8:30 a.m.  Continental Breakfast, La Jolla Room

All meeting activities will take place in the La Jolla Room

8:30 – 9:00 a.m.  Opening Remarks and Review of Objectives  
Discussion Leaders: Peter Canoll, David Gutmann and Louis Gross

9:00 – 10:30 a.m.  Reconceptualizing Brain Tumors  
Discussion Leaders: Peter Canoll, David Gutmann

10:30 – 10:50 a.m.  Break, La Jolla Room

10:50 – 12:15 p.m.  Level 1: Gliomas at the Tissue Level  
Discussion Leaders: Iain Couzin and Kristin Swanson

12:15 – 1:15 p.m.  Lunch, Lower Terrace (weather permitting)

1:30 – 3:00 p.m.  Level 2: Gliomas at the Cellular Level  
Discussion Leaders: David Basanta and Carlo Maley

3:00 – 3:30 p.m.  Break, La Jolla Room

3:30 – 5:00 p.m.  Level 3: Gliomas at the Molecular Level  
Discussion Leaders: Mark Noble and Frank Furnari

6:15 p.m.  Depart for Dinner

6:30 – 9:00 p.m.  Drinks and Dinner, walking distance from the hotel

George’s at the Cove
1250 Prospect St.
Saturday, April 16, 2011

7:00 – 8:45 a.m.  Continental Breakfast, La Jolla Room

All meeting activities will take place in the La Jolla Room

9:00 a.m.    Call to order

9:00 – 10:30 a.m.    Session 1: Experimental Systems
Discussion Leaders: Peter Canoll, David Gutmann and Forest White

In this session we will discuss the available experimental models, what questions they are best suited to address, what other kinds of data we could potentially get from them, and what other types of models (available or not yet developed) are needed. What other types of data sources should be considered (mining human data—TCGA, radiographic data, cell culture studies, other)

10:30 – 10:50 a.m.  Break, La Jolla Room

10:50 – 12:15 p.m.    Session 2: Conceptual Approaches and Integration Across Levels
Discussion Leaders: Sandy Anderson, Joseph Ackerman and Mark Ellisman

In this session, meeting participants would discuss how to apply new conceptual frameworks to these experimental models to address specific biologically/clinically-relevant questions. This session would focus on developing concrete plans for fully exploiting these systems. For example, what data do we need to collect to test hypotheses about ecosystems operative in brain tumors? We will also discuss how we will integrate data across analysis strata.

12:15 – 1:15 p.m.    Lunch, Lower Terrace (weather permitting)

1:30 – 3:00 p.m.  Session 3: Summary and Development of Game Plan
Discussion Leaders: Louis Gross

During this session, the group will make concrete plans for the assembly of teams, addition of missing players, next meetings, and specific deliverables.

3:00 – 3:30 p.m.  Break, La Jolla Room

3:30 – 5:00 p.m.    Continuation of Summary Discussion

5:00 p.m.    Participants free to depart

6:30 p.m.    Dinner for participants staying over until Sunday

Sunday, April 17, 2011

Departures for remaining participants