



**First Bay Area Workshop on Data-Driven Computational Analysis of
Biological Networks-April 13th, 2007***

Abstract: This workshop is intended to bring together Bay Area researchers who are interested in the problem of using computational techniques for biological network analysis. The first workshop will discuss and evaluate current methods for the extraction of causal relationships from biological data. Specifically, it will be a forum to identify challenges that face the field, both in terms of the nature of needed data and the necessary mathematical infrastructure. Special attention will be devoted to important applications of these methods, such as the establishment of causal relationships between human genetic variation and disease, in addition to the elucidation of general organizational principles in signal transduction and biological regulatory systems.

The program will include 6 invited talks from leading experimental and theoretical researchers, a panel discussion and a reception. There will be much opportunity for extended discussion.

We hope that this will be the first in a series of such workshops, and look forward to forging a diverse and active community in this area.

Deadline for registration: March 26th, 2007

Organizing committee: Orna Resnekov (MSI), Hana El-Samad (UCSF/QB3), Doug Crawford (QB3)

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