

Systems Biology Symposium

University of Pennsylvania

June 23, 2009

Computational Systems Biology Short Course

June 24, 2009

Levine Hall, Wu and Chen Auditorium

Philadelphia, PA

Day One: Systems Biology Symposium

Stochastic Sampling—A Systems Approach for Discovering Transcriptional Heterogeneities in Tissues

Kevin Janes, Ph.D. Department of Biomedical Engineering, University of Virginia

Endocytosis and Signaling: Regulation at Multiple Scales

Ravi Radhakrishnan, Ph.D. Department of Bioengineering, University of Pennsylvania

Blood Systems Biology: Patient-Specific Prediction of Thrombosis

Scott L. Diamond, Ph.D. Institute for Medicine and Engineering, University of Pennsylvania

Computational Models of the Evolution of Metastasis

Carlo C. Maley, Ph.D. Molecular and Cellular Oncogenesis Program, The Wistar Institute, University of Pennsylvania

Multi-scale Modeling of Neuronal Adaptation Mediated by Angiotensin II in the Central Regulation of Blood Pressure

Rajanikanth Vadigepalli, Ph.D. Department of Pathology, Anatomy and Cell Biology, Thomas Jefferson University

Minimal Models of Extrinsic Regulation in Cell-Fate Decisions

Casim Sarkar, Ph.D. Department of Bioengineering, University of Pennsylvania

Cell Signaling in Equations and Embryos

Stanislav Shvartsman, Ph.D. Lewis-Sigler Institute for Integrative Genomics, Princeton University

Day Two: Computational Short Course (Limited to 30 people)

A 5-hour computer workshop on: Bottom-up Simulation (SBML), Top-Down Simulation (Neural Networks), Transcriptome to Promoter Prediction, and Ligand Docking.

Registration: To register, please provide your contact information in the form below. The data fields can be filled within Adobe Acrobat. You can send us the information via email by clicking on the button at the bottom of the page, or by faxing the completed form to **215-573-7227**. The deadline is **June 1, 2009**.

First Name

Last Name

Acad. Titles (Ph.D., etc.)

Department

Company or Institution (e.g., "University of Pennsylvania")

Address Line 1 (Street Address)

Address Line 2 (building, suite #, etc.)

City

State

Zip Code

Phone Number

Email

I would like to register for:

Day 1: Symposium Only

Day 2: Short Course Only

Symposium and Short Course

