



XXVIII Congress of the International  
Society for Advancement of Cytometry

**Sui Huang, MD, Ph.D.**  
**Institute for Systems Biology**

Sui Huang, MD, Ph.D., received his degrees from the University of Zurich for work on interferon, and was a faculty at Harvard Medical School (Children's Hospital, Boston) and at the University of Calgary. He is currently Professor at the Institute for Systems Biology (Seattle). After more than a decade working on tumor angiogenesis Dr. Huang focused on fundamental and formal aspects of mammalian cell state transitions using systems biology approaches. He demonstrated that cell types are attractor states of gene regulatory networks as part of his quest for a formal theory of multicellularity based on complex system dynamics. In his current research in Seattle Dr. Huang studies non-genetic cell population heterogeneity and cell population dynamics – a much neglected level of integration between genotype and phenotype in metazoan - and examines their role health and disease, including cancer.