

Parallel Session 5**Monday, July 2, 13:30PM-15:30PM**

Special Session 37	Mathematical Models and Computations in Cell and Developmental Biology Organizer(s): Anna Cai, Ching-Shan Chou, Qing Nie	Location REH-7
13:30-14:00	Alexandra Jilkine (University of Arizona, USA) A Stochastic Density-Dependent Switch Drives Spontaneous Cell Polarization	Abstracts p. 164
14:00-14:30	Jinzhi Lei (Tsinghua University, Peoples Rep of China) PDCD5-regulated cell fate decision after UV-irradiation induced DNA damage	Abstracts p. 164
14:30-15:00	Doron Levy (University of Maryland, USA) Mathematical Models for Phototaxis	Abstracts p. 164
15:00-15:30	Xinfeng Liu (University of South Carolina, USA) Mathematical modeling and computational studies for cell signaling with scaffolds	Abstracts p. 164