

Parallel Session 1**Sunday, July 1, 10:00AM-12:00PM**

Special Session 14	Mathematical Models in Biology and Medicine Organizer(s): Yang Kuang, Bingtuan Li, Jiaxu Li, Andrew Nevai	Location GRC-C
10:00-10:30	Richard Bertram (Florida State University, USA) The Dual Oscillator Model for Pancreatic Islets	Abstracts p. 59
10:30-11:00	Andrea De Gaetano (Cnr Iasi BioMatLab, Italy) Interpretation of the IVGTT by means of a distributed-controller model of the endocrine pancreas	Abstracts p. 60
11:00-11:30	Changbing Hu (University of Louisville, USA) Modeling the distribution of insulin in pancreas	Abstracts p. 61
11:30-12:00	Jiaxu Li (University of Louisville, USA) Modeling impulsive injections of insulin analogues: towards artificial pancreas	Abstracts p. 62