

**Parallel Session 2****Sunday, July 1, 13:30PM-15:30PM**

Special Session <b>70</b>	<b>Modeling and Dynamics of Infectious Diseases</b> Organizer(s): Abba Gumel, Tufail Malik	Location <b>PAL-D</b>
13:30-14:00	Maia Martcheva (University of Florida, USA) Avian Influenza: Modeling and implications for control	Abstracts p. 269
14:00-14:30	Anuj Mubayi (Northeastern Illinois University, USA) Evaluation of Diagnostic Test for Lymphatic Filariasis in Papua New Guinea using a Mathematical Model	Abstracts p. 269
14:30-15:00	<b>CANCELLED</b> <del>Hao Liu (Arizona State University, USA) A data driven spatiotemporal rabies model for skunk and bat interaction in Northeast Texas</del>	Abstracts p. 268
14:30-15:00	Yang Kuang (Arizona State University, USA) Mathematical insights in evaluating effectiveness of interventions for HIV prevention	Abstracts p. 268
15:00-15:30	Zhisheng Shuai (University of Victoria, Canada) Global Dynamics of Cholera Models with Differential Infectivity	Abstracts p. 271