Poster Session Listing

Advancing Precision Medicine through Complex Systems Biology
Symposium 2016

1) Bharat Panwar*, Rajasree Menon, Ridvan Eksi, Hong-Dong Li, Gilbert S. Omenn, Yuanfang Guan, *Genome-wide functional annotations of human protein-coding splice variants*


3) Craig Biwer*, Heidi IglayReger, Amy Rothberg, Charles Burant, Kayvan Najarian, *Persistent Homology: Predicting Individual Diet Efficacy*

4) Ehsan Mirzakhalilii*, Eleni Gourgou, Bogdan Epureanu, *Neuronal Network Robustness: Where to Look for Synaptic Deficiencies in the Brain*


7) Jason Karslake*, Jeff Maltas, Peter Brumm, Kevin B. Wood, *Population density modulates drug inhibition and gives rise to potential bistability of treatment outcomes for bacterial infections*


9) David N. O'Dwyer, Katy C. Norman*, Meng Xia, Stephen J. Gurczynski, Shanna L. Ashley, Ethan Grant, Eric S. White, Kevin J. Flaherty, Fernando J. Martinez, Susan Murray, Kelly B. Arnold, Bethany B. Moore, *The peripheral blood proteome signature of idiopathic pulmonary fibrosis is distinct from normal and is associated with novel immunological processes*

10) Kelsey Hallinen*, Kevin Wood, *Cooperation and Spatial Architecture in E. faecalis Biofilms*

11) Louis Joslyn*, Eileen Wong, JoAnne Flynn, Denise E. Kirschner, *Does Exhaustion Explain Low T-cell Functionality in the Mycobacterium tuberculosis Granuloma?*
12) Phillip Spinosa*, Kathy Luker, Gary Luker, Jennifer Linderman, *A Computational Model To Predict Chemokine Gradients and Cancer Cell Migration In The Tumor Microenvironment*

13) Rachel Lopez*, Françoise Van den Bergh, Daniel A. Beard, *Effects of Metabolic Remodeling on Mechanical Function in Heart Failure*

14) Sardar Ansari*, Michael Heung, Kenn Oldham, Kevin Ward, Kayvan Najarian, *Noninvasive Vascular Tone Monitoring using a Polyvinylidene Fluoride Sensor to Detect Intradialytic Hypotension*

15) Somayeh Molaei*, Kelsey Horan, Delaram Kahrobaei, Brahmajee Nallamothu, Kayvan Najarian, *Fully Automated Segmentation of Left Ventricle Using Deep Convolutional Neural Network on MRI*

16) Wen Yu*, Kelsey Hallinen, Kevin B. Wood, *Subinhibitory concentrations of β-lactam promote biofilm formation and modulate 3D architecture of E. faecalis communities*

17) Xinyu Tan*, Allen Liu, *The Role of Clathrin-mediated Endocytosis in Neutrophil Polarization*

18) Ziah Dean*, Kevin Wood, *Role of Antibiotic Interactions in Modulating E. Faecalis Resistance Evolution*

19) Christopher J. Miles*, Charles R. Doering, Oliver D. Kripfgans, *Nucleation pressure threshold in acoustic droplet vaporization*

20) S.M. Reza Soroushmehr, Craig Williamson, Kevin R. Ward, Kayvan Najarian* - *Measuring the Amount of Hematoma for Traumatic Brain Injury Patients*

21) S.M. Reza Soroushmehr*, Brahmajee Nallamothu, Kevin R. Ward, Kayvan Najarian - *Stenosis Detection through Analysis of Angiogram Videos*


* - Presenters