

International Workshop on Biological Network Analysis and Integrative Graph-Based Approaches (IWBNA), 2016

December 15, 2016 (Thursday)

Session 1 (1:30pm – 3:30pm)

1:30pm – 2:00pm

Transcriptional Responses to Ultraviolet and Ionizing Radiation: An Approach Based on Graph Curvature.
Yongxin Chen, Jung Hun Oh, Romeil Sandhu, Sangkyu Lee, Joseph Deasy, and Allen Tannenbaum.

2:00pm – 2:30pm

2Path: a terpenoid metabolic network modeled as graph database.
Waldeyr Silva, Marcelo Brigido, Danilo Vilar, Daniel Souza, Maria Emília Walter, and Maristela Holanda.

2:30pm – 3:00pm

Individual Metabolic Network for the Accurate Detection of Alzheimer's Disease Based on FDG-PET imaging.
Zhijun Yao, Bin Hu, Huailiang Nan, Weihao Zheng, and Yuanwei Xie.

3:00pm – 3:30pm

Diagnosing Schizophrenia by Integrating Genomic and Imaging Data through Network Fusion.
Su-Ping Deng, Dongdong Lin, Vince D. Calhoun, and Yu-Ping Wang.

Coffee Break (3:30pm – 4:00pm)

Session 2 (4:00pm – 5:00pm)

4:00pm – 4:30pm

Filtering Association Rules in Gene Ontology Based on Term Specificity.
Yong Shui and Young-Rae Cho.

4:30pm – 5:00pm

Integrative Gene Regulatory Network Inference Using Multi-omics Data.
Neda Zarayeneh, Jung Hun Oh, Donghyun Kim, Chunyu Liu, Jean Gao, Sang C. Suh, and Mingon Kang.