

## International Workshop on Deep Learning in Bioinformatics, Biomedicine, and Healthcare Informatics (DLB2H 2020)

*Date and Time: December 16*

*Workshop Chairs: Mingon Kang and Jung Hun Oh*

<b>Time</b>	<b>Title</b>	<b>Presenter/Author</b>
9:00am-9:10am	Welcome (chair)	Workshop Chair
9:10am-9:30am	Pan-cancer Feature Selection and Classification Reveals Important Long Non-coding RNAs	Abdullah Al Mamun, Wenrui Duan, and Ananda Mondal
9:30am-9:50am	EEG Channel Interpolation Using Deep Encoder-decoder Networks	Sari Sadiya, Tuka Alhanai, Taosheng Liu, and Mohammad Ghassemi
9:50am-10:10am	Accurate and adversarially robust classification of medical images and ECG time-series with gradient-free trained sign activation neural networks	Zhibo Yang, Yanan Yang, Yunzhe Xue, Frank Shih, Justin Ady, and Usman Roshan
10:10am-10:30am	A General Endoscopic Image Enhancement Method Based on Pre-trained Generative Adversarial Networks	Yating Li, Jingfan Fan, Danni Ai, Hong Song, Yongtian Wang, and Jian Yang
10:30am-10:50am	Detection of diabetic blindness with Deep-Learning	Anukriti Singh and Wooyoung Kim
10:50am-11:10am	Dual sentence representation model integrating prior knowledge for bio-text-mining	Zhijing Li, Yangyang Lan, Saikat Chatterjee, Pargorn Puttapirat, Xiangrong Zhang, and Chen Li
11:10am-11:30am	Protein Binding Pose Prediction via Conditional Variational Autoencoding for Plasmodium Falciparum	Tuan Tran and Chinwe Ekenna
11:30am-11:50am	Deep Learning to Discover Cancer Glycome Genes Signifying the Origins of Cancer	Abdullah Mamun, Masrur Sobhan, Raihanul Tanvir, Charles Dimitroff, and Ananda Mondal
11:50am-12:10pm	Structured Information Extraction of Pathology Reports with Attention-based Graph Convolutional Network	Jialun Wu, Kaiwen Tang, HaiChuan Zhang, Chunbao Wang, and Chen Li
<b>Closing Remarks</b>		