IEEE BIBM 2019 Workshop on Long Non-Coding RNAs (BIBM-LncRNA) November 18, 2019, (8am – 6:45pm); Room: 7 *Workshop Chairs: Don Adjeroh, Xiaobo Zhou, Ivan Martinez, and Rory Johnson*		
Time	**Title**	**Presenter/Author**
8-9 Registration		
9:00-10:00	**Keynote 1:** ***K-mer based sequence comparison as a way to identify functional lncRNAs***	**Mauro Calabrese, PhD;** **UNC Chapel Hill, NC**
10:00-10:30	**Coffee Break**	
10:30-10:50	Feature Selection and Classification Reveal Key lncRNAs for Multiple Cancers	Abdullah Al Mamun, Ananda Mohan Mondal; USA
10:50-11:10	DeepSloop: A Recurrent Neural Network Learns Complex Rules to Detect Stem-Loop-Forming RNA Sequences	Dezhong Deng, Douglas Holman, David A. Hendrix; USA
11:10-11:30	Computational identification of extra coding RNAs related to HIV infection	Ian Huntress, Erin Harrell, Hayden Brochu, Xinxia Peng; USA
11:30-11:50	Differential long noncoding RNA and messenger RNA expression profiling and functional network analysis in stroke-induced neurogenesis	Xian Shuang Liu, Baoyan Fan, Xinli Wang, Min Wei, Michael Chopp, Zheng Gang Zhang; USA
12 – 1:30	**Lunch**	
1:30-2:30	**Keynote 2:** ***3'UTR-Mediated Post-transcriptional Effects on Human Gene Expression via Staufen and SINEs***	**Lynne Maquat, PhD,** **University of Rochester, NY**
2:30-2:50	Ribosomal in-frame mis-translation of stop codons in multiple open reading frames of specific human long non-coding RNAs.	L. Lipovich; USA
2:50-3:10	From clonal diversity to transposon derived long non-coding RNA in trematode Himasthla elongata parthenogenetic generations	Solovyeva A, Podgornaya O; Russia
3:10-3:30	Three hub lncRNAs associated with prognosis of endometrial cancer identified by co-expression analysis	Yudi Tian, Yunhao Mao, Yaou Zhang; China
3:30-4:00	Targeting long non-coding RNA splicing by novel candidate drug	L. Manchon, J. Tazi; France
4:00-4:30	**Coffee Break**	
4:30-5:30	**Panel Session** ***Post-genomic structure-function insights meet ribosome profiling in the evolving lncRNA world: machine learning to integrate computation and experimentation***	**Moderator: Leonard Lipovich, PhD Wayne State University**
5:30 – 5:45	**Brief Discussion on Challenge Problem**	
	Poster on LncRNA Challenge Problem: Prediction of cancer association of lncRNAs by co-expression	Rezvan Ehsani, Finn Drabløs; Iran, Norway
5:45	**Closing Remarks**	