

# 6<sup>th</sup> IEEE BIBM Workshop on Long Non-Coding RNAs (BIBM-LncRNA)

Lisbon, Portugal, December 4, 2024

(All times are local time in Lisbon)

Workshop Chairs: Don Adjeroh, Xiaobo Zhou, Ivan Martinez, and Leonard Lipovich

Time	Title	Presenter/Author
Dec. 4, 2024		
10:10-10:15am	Introduction	Workshop Chairs (Don Adjeroh, Xiaobo Zhou, Leonard Lipovich, Ivan Martinez)
10:15-11:00am	<b>Plenary Presentation: Coding and Non-coding LncRNAs in Hepatocellular Carcinoma</b>	<b>Maria Puri Fortes, D.Sc, University of Navarra Pamplona, Spain</b>
11:00-12:00pm	<i>Presentations (for Accepted Papers)</i>	
	<i>Leveraging Machine Learning for Predicting Circadian Transcription in mRNAs and lncRNAs (15 minutes)</i>	Lin Miao, Krishna vamsi Dhulipalla, Sanchari Kundu, Bokun Zheng, Song Li, and Shihoko Kojima, Virginia Polytechnic Institute and State University, Blacksburg, Virginia, USA
	<i>A Machine Learning Approach to Motif Finding for LncRNA Sub-cellular Localization (15 minutes)</i>	Weijun Yi, Jason Miller, Gangqing Hu, and Donald A. Adjeroh West Virginia University, Morgantown WV, USA
	<i>RPI-WGNN: ncRNA-Protein Interaction Prediction based on Weighted Graph Neural Networks (15 minutes)</i>	Bingxue Zeng, Yuping Chen, and Wenbin Lin, University of South China Hengyang, China
	<i>LYnet: Computational identification of tumor T cell antigens using convolutional and recurrent neural networks (15 minutes)</i>	Yang Lv, Ting Liu, Chang Liu, Yuchen Ma, Yunfei Liu, and Ze Liu Northwest A&F University, Yangling, China
12:00-12:30pm	<b>Invited Talk: GWAS-driven characterization of primate-specific long non-coding RNA genes as causes of, and sequence-based drug targets in, cancer and diabetes</b>	<b>Leonard Lipovich, PhD, Wenzhou-Kean University, China; Wayne State University, USA &amp; Shenzhen Huayuan Biotech, China.</b>
12:30-2:00pm	<b>Lunch</b>	
2:00-2:45pm	<b>Keynote Presentation: LncRNAs and Human SARS-CoV-2 Interactions</b>	<b>Francisco J. Enguita, PhD University of Lisbon, Lisbon, Portugal</b>
2:45-3:10pm	<b>Invited Talk: HPV-16 Increases Expression of long non-coding circular RNA circIGF2BP3 to Influence Cervical Cancer Progression</b>	<b>Ivan Martinez, PhD West Virginia University, West Virginia, USA</b>
3:10-4:00 pm	<b>Panel Session: Evolving lncRNA world: Computation Meets Biology</b>	<b>Moderators: Leonard Lipovich, PhD, Wayne State University, USA &amp; Shenzhen Huayuan Biotech, China. Don Adjeroh, PhD, West Virginia University, USA</b>
4:00-4:05pm	<b>Closing Remarks</b>	