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Contents

Front Matter 5

4 CONTENTS

Front Matter

Authors

Mario Flores^{1§}, PhD, is an Assistant Professor in the Department of Electrical and Computer Engineering at the University of Texas at San Antonio, and joint program Faculty of Biomedical Engineering at the University of Texas Health San Antonio. Before joined ECE, he was a postdoctoral fellow at the National Center for Biotechnology Information of the National Institutes of Health from 2015 to 2019. His research focuses on DNA and RNA sequence methods, transcriptomics analysis, epigenetics, comparative genomics, and deep learning to study mechanisms of gene regulation, single-cell RNA-seq, and Natural Language Processing.

Zhentao Liu1 is a PhD student in the Department of Electrical and Computer Engineering, the University of Texas at San Antonio. His research focuses on deep learning for cancer genomics and drug response prediction.

Tinghe Zhang1 is a PhD student in the Department of Electrical and Computer Engineering, the University of Texas at San Antonio. His research focuses on deep learning for cancer genomics and drug response prediction.

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Yu-Chiao Chiu2, PhD, is a postdoctoral fellow at the Greehey Children's Cancer Research Institute at the University of Texas Health San Antonio. His postdoctoral research is focused on developing deep learning models for pharmacogenomic studies.

Zhenqing Ye2,3, PhD, is an assistant professor in the Department of Population Health Sciences and the director of Computational Biology and Bioinformatics at Greehey Children's Cancer Research Institute at the University of Texas Health San Antonio. His research focuses on computational methods on next generation sequencing and single-cell RNA-seq data analysis.

Karla Paniagua1* is a PhD student in the Department of Electrical and Computer Engineering, the University of Texas at San Antonio. Her research

6 CONTENTS

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Sumin Jo1 is a PhD student in the Department of Electrical and Computer Engineering, the University of Texas at San Antonio. Her research focuses on m6A mRNA methylation and deep learning for biomedical applications.

Jianqiu Zhang1, PhD, is an Associate Professor in the Department of Electrical and Computer Engineering at the University of Texas at San Antonio. Her current research focuses on deep learning for biomedical applications such as m6A mRNA methylation.

Shou-Jiang Gao4,6, PhD, is a Professor in UPMC Hillman Cancer Center and Department of Microbiology and Molecular Genetics, University of Pittsburgh. His current research interests include Kaposi's sarcoma-associate herpesvirus (KSHV), AIDS-related malignancies, translational and cancer therapeutics, and systems biology.

Yufang Jin1, PhD, is a Professor in the Department of Electrical and Computer Engineering at the University of Texas at San Antonio. Her research focuses on mathematical modeling of cellular responses in immune systems, data-driven modeling and analysis of macrophage activations, and deep learning applications.

Yidong Chen2,3, PhD, is a Professor in the Department of Population Health Sciences and the director of Computational Biology and Bioinformatics at Greehey Children's Cancer Research Institute at the University of Texas Health San Antonio. His research interests include bioinformatics methods in next-generation sequencing technologies, integrative genomic data analysis, genetic data visualization and management, and machine learning in translational cancer research

Yufei Huang5,6, PhD, is a Professor in UPMC Hillman Cancer Center and Department of Medicine, School of Medicine, University of Pittsburgh. His current research interests include uncovering the functions of m6A mRNA methylation, cancer virology, and medical AI & deep learning.

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CONTENTS 7

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Hello there :D

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