



Lukas Simon, PhD  
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*Learning Meaningful Cell Representations*

Dr. Lukas Simon is a Research Assistant Professor at the Center for Precision Health at the UTHealth School of Biomedical Informatics. Dr. Simon received his PhD in Structural and Computational Biology and Molecular Biophysics from Baylor College of Medicine in Houston, TX and conducted his postdoctoral studies at the Helmholtz Zentrum, the German Research Center for Environmental Health in Munich, Germany. His research focuses on the development and application of data science to biomedical, molecular data. He has a broad training background in computational biology covering diverse topics including multi-omic data integration, specialized next generation sequencing data analysis, single-cell RNA sequencing analysis and machine learning methodology. His recent work has focused on the development of machine learning methods to extract knowledge from single-cell RNA sequencing data.