



DR. SHANRONG ZHAO

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BIOGRAPHY: Dr. Shanrong Zhao is Director, Computational Biology and Bioinformatics at Pfizer Inc. More than twenty years of experience in bioinformatics with strong interdisciplinary skills in computer science, biostatistics, computational biology and chemistry. He is a recognized pioneer in next generation sequencing, big data analysis, cloud computing and machine learning. In the past five years, he published more than 25 papers in the field of RNA sequencing and was invited to speak at more than 35 national and international meetings. Shanrong has led multiple cross-functional teams to successfully implement pipelines and informatics systems, including *QuickRNASeq*, *QuickIsoSeq*, *QuickMIRSeq*, *Rainbow* and *Stormbow* for large-scale genomic data analysis to support drug discovery.

PRESENTATION TITLE: *Advancements of RNA-seq technology and its application to drug discovery*