New Technique for Next Decades:

1. Develop and leverage state of the art computational approaches for single cell sequencing and multi-omics data analyses
2. Conduct integrative analyses to identify drug target, biomarker hypotheses and characterize drug resistance mechanisms
3. Provide support to single cell sequencing efforts in the laboratory and cross-disciplinary project teams
4. Contribute effectively to the development of pipelines and systems for data analysis, integration and management
5. Proficiency in developing web-based applications and databases is desirable

Sex-differential DNA methylation and human sex-distinct disease