Healthcare data includes information about patient life style, medical history, visits to the practice, lab and imaging test, diagnoses, medications, surgical procedures, consulted providers, claims and genomics profile. Adequate and analytic access to the healthcare and genomics data has potential to revolutionize the field of medicine by developing better understanding of biological mechanisms and modelling complex biological interactions by integrating and analyzing knowledge in a holistic manner.

My lab is working at different Genomics, Healthcare, Bioinformatics, Precision Medicine and Informatics related research projects at UConn Health, as well as, in different collaborations with scientists and groups located at The University of Texas Health Science Center, University of California, and San Diego.

We are open for internal and external collaborations and welcome postdoc and internship join us.

1. Does the DNA methylome have been published for the tissue origin of the disease?
2. How many methylation 450K or methylation 850K microarray data are available from GEO, Arrayexpress?
3. Does the cfDNA methylation have been reported before for this disease?