Xiangning Chen, Ph. D

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May 16, 2013

Dear Dr. Chen:

I am very excited at the opportunity to collaborate with and serve as a co-investigator on your R21 application entitled “Genetic risk to smoking addiction and lung cancer”.

As you know, my current research focuses on developing statistical methods for genome-wide association studies, sequence data analysis, gene-gene and gene-environment interaction analysis, pathway and network analysis, causal inference, disease risk prediction, and computational systems biology.

I have enjoyed our collaboration on risk prediction of schizophrenia and co-expression network analysis with RNA-seq data from TCGA datasets. I will provide expertise and methods necessary to conduct genome-wide association analyses, mediation analyses and cancer risk assessment and prediction. I will also provide bioinformatic and statistic services related to the proposed studies in this application.

I am deeply committed to the success of this research project. I look forward to working with you and other investigators on this important study.

Best regards,

Momiao Xiong, Ph. D

Professor

Division of Biostatistics

Human Genetics Center

University of Texas School of Public Health