# Cell-free DNA and Human Disease

Specific Aims:

1)

2)

3)

Background

Increased apoptotic activity in schizophrenia bring two-fold cell-fee and shorter DNA fragment in the plasma (1).

cfDNA and cf-mtDNA

1. Jiang J, Chen X, Sun L, Qing Y, Yang X, Hu X, Yang C, et al. Analysis of the concentrations and size distributions of cell-free DNA in schizophrenia using fluorescence correlation spectroscopy. Transl Psychiatry 2018;8:104.