Genome-wide methylation scanning for Asthma

Asthma is a heterogeneous disease of the airways, for which both onset and clinical course result from interactions between host genotype and environmental exposures. In the past decades, several GWAS study have been completed to identify genetic susceptibility to asthma, however, the epigenetic susceptibility caused by environmental exposures was still unknown.

Social and physical environments early in development predict DNA methylation of inflammatory genes in young adulthood