

Items marked with * are required.

First Name * : Anny

Middle Name or Initial : Xiaobo

Last Name * : Zhou

中文姓名 * :周晓波

Terminal Degree(s) * : Ph.D.

Professional Title/Affiliation 1 * : Assistant Professor

Professional Title/Affiliation 2: Director of the Functional Genomics Laboratory

Professional Title/Affiliation 3:Channing Division of Network Medicine, Brigham and Women's Hospital, Harvard Medical School

Research Interests * :

Short bio (up to 200 words) * : The central goal of Dr. Zhou's research group is to decode the molecular mechanism by which genetic variants identified by genome-wide association studies (GWAS) determine disease susceptibility to asthma and COPD by using *in vitro* and *in vivo* approaches. Funded by several NIH R01 or P01 grants, Dr. Zhou's group has developed integrative approaches to identify regulatory DNA regions, localize functional variants, and evaluate the function of novel COPD GWAS genes *in vitro* and *in vivo* in conventional and conditional knockout mice. Dr. Zhou's group also applied the CRISPR/Cas-9 based genome editing in cellular models and disease relevant murine models to rapidly perform functional assessments on increasing number of COPD GWAS genes.

Website 1 * : <http://gwas2bio.bwh.harvard.edu>

Website 2 :

Website 3 :

