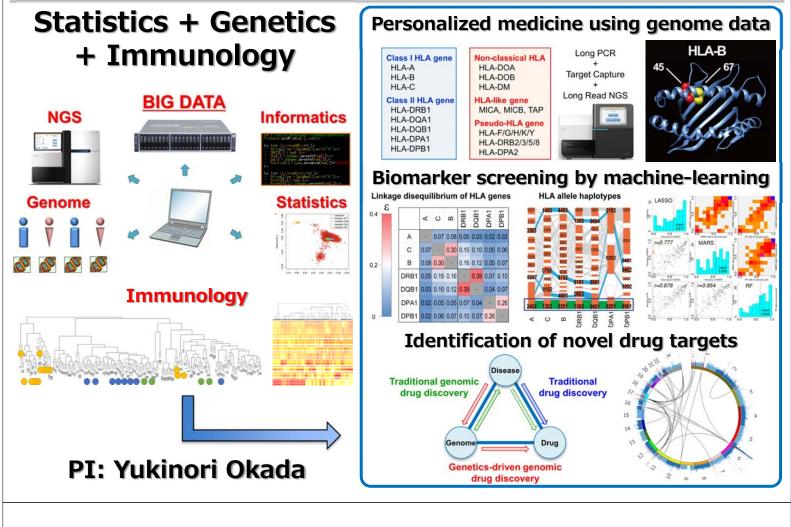
Laboratory of Statistical Immunology



Q: What is statistical genetics and statistical immunology?

A: Statistical genetics is a research field that evaluates causality of human genetic variations on diseases, using statistical and bioinformatics approaches. Statistical immunology especially focuses on genetic and epigenetic data obtained from immunology.

Q: What kind of data do you handle?

A: We handle genome and epigenome data mostly obtained from human/populations (not from mice... sorry!!). We usually use the large-scale genome-wide association study (GWAS) data generated by SNP microarrays, and whole-genome sequence (WGS) data generated by NGS.

Q: What is the goal of research?

A: Our goal is elucidation of disease biology, disease epidemiology, and novel drug discovery. On this aim, we integrate large-scale human genome data with diverse biological and immunological resources.

Q: What kind of skill is necessary to join Lab. of statistical immunology?

A: Basic computational skills (e.g. Linux OS and programming) are required.