

CONSORTIUM/CONTRACTUAL ARRANGEMENTS

Consortium arrangements are proposed with Yale University, New Haven, CT, Dr. Mark Gerstein, PI, and with The Washington University, St. Louis, MO, Dr. Li Ding, PI.

At Yale University, Dr. Gerstein's role on the project is to develop tools to examine the functional impact of the identified SVs and to develop a novel pipeline of methodologies for functional annotation of variants and characterization of associated biological processes. Dr. Gerstein will communicate regularly with the PIs, about the aims, results and analyses of this project, and will attend several formal meetings throughout the year to present findings to the other members of the research team.

At Washington University in St. Louis, Dr. Ding's role on the project will be to lead the efforts to develop the SV genotyping and association tools and implementing it into the cloud to process the entirety of the TOPMed dataset with the discovery cohort SVs. Dr. Ding will communicate regularly with the PIs, about the aims, results and analyses of this project, and will attend several formal meetings throughout the year to present findings to the other members of the research team.

The appropriate program and administrative personnel of each organization involved in this grant application for this project are aware of the NIH consortium and cooperative agreement grant policies and are prepared to establish the necessary inter-organizational agreements consistent with those policies.