Research Skills:

* Ability to develop research questions.
* Ability to write research proposals, application for grants, and application for ethical approvals.
* Production of participants information sheets and consent forms.
* Background training in research methods.
* Sample size calculations.
* Experience with development and application of data collection methods such as questionnaires, tools for collection of continuous traits such as FBG, and DNA collection tools in non-clinical settings.
* Experience in construction of extended pedigrees and calculation of inbreeding coefficients.
* Ability to perform field investigations and gained experience in recruiting subjects in clinical and non-clinical settings.
* Experience in dealing with several national and international Laboratories for DNA extraction and genotyping.
* Experience in selection of relevant variants for genetic epidemiology investigations.
* Ability to deal with online databases and software to perform HWE calculations, detection of linkage disequilibrium, DNA sequence, SNP viewers.
* Experience with securing logistics of collecting DNA samples during field research, DNA preservation method, international transportation of DNA samples and securing relevant permissions.
* Several statistical skills such as database developments, data entry, visualization of data, transformation and categorization of data, calculation of associations, sensitivity analysis, testing measures related to population genetics such as allelic and genotype deviation from normal equilibrium, testing additive and dominance genetic effects.
* Experience in writing research reports, submission of abstracts and manuscripts and dissemination of research findings.