

**“National research program for genomic medicine: a study on risk mutations of vulnerability genes of schizophrenia”**

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Role: Co-investigator

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The basic strategy of this project is to search for risk mutations, based on case-control design with sufficient statistical power, and then to validate these risk mutations by convergent evidence of genetic epidemiological analyses, functional variation studies using in vitro cell line experiments, microarray study, and neurophysiological study on mice model.