

The main research activity is performed within Ogliastra Project, a large population-based epidemiologic survey on complex diseases carried out on about 12,000 subjects living in the Ogliastra region, Sardinia. The research, carried out in collaboration with the Institute of Population Genetics, CNR of Sassari, aims at identifying genetic and environmental factors predisposing to multifactorial common diseases. The originality of this approach is based on the study of genetic isolates, i.e. populations characterized by a limited number of founders, a low demographical growth, high endogamy, a scarce immigration rate and a high genetic and environmental homogeneity. Such populations represent an ideal model from a genetic, demographic and environmental point of view, to identify the genetic causes of multifactorial diseases and associated risk factors.

In addition I perform statistical consultancy and statistical analysis in the health, biologic and genetic fields.