

**۱. Investigation of Genetic polymorphism for G<sup>1</sup>PD, TNFa and NOS <sup>۲</sup>in Iranian G<sup>1</sup>PD deficiency patients and its correlation with Mala**

Status: Completed,

**۲. Detection of polymorphism and the rate of μ- opioid receptor and its subtype (M<sup>۱</sup>,M<sup>۱</sup>a,M<sup>۱</sup>b,M<sup>۱</sup>c,M<sup>۱</sup>d,M<sup>۱</sup>e,M<sup>۱</sup>f) in peripheral blood**

Status: Completed,

**۳. Molecular studies on the role of SiRNA towards the gene therapy of Schizophrenia (as a national project)**

Status: Completed,

**۴. A Molecular Genetics Survey of Esophageal Squamous Cell Carcinoma (SCC)**

Status: Completed,

**۵. Delection of polymorphism and expression rate of <sup>۳</sup>-<sup>۳</sup>-<sup>۱</sup> and synuclein genes in Pripheral blood lymphocytes of Schizophrenic pati**

Status: Completed,

**۶. Comparison between ARG(ABL-<sup>۲</sup>) protein expression in Follicular and diffuse large B-Cell Lynopoma**

Status: Completed,

**۷. Frequency of the microdeletion <sup>۲۲</sup>q <sup>۱۱</sup> in Iranian newborn infants with congenital heart disease**

Status: Completed,

**۸. Molecular Genetic of RP (Retinitis Pigmentosa) in Iranian Populations (as a national project)**

Status: Completed,

**۹. Microbial, biochemical and genetical investigation of cellulolytic enzyme from three Iranian Cellulomons Species**

Status: Completed,

**۱۰. Study of genetic diversity and virulence variation of the Russian Wheat aphid; Diuraphisnoxia (Homoptera: Aphididae) population**

Status: Completed,

**۱۱. Investigation of chromosomal abnormalities in different tissues of patients with Suspected Chromosomal syndromes and cancer usin**

Status: Completed,

**۱۲. Quantitative and qualitative studies of pigmented compounds in different species of Saffron and in Culture of isolated cells**

Status: Completed,

**۱۳. Genetics investigation of Methicillin resistant (metr) and Vancomycin resistant (Vanr S. aureus isolates)**

Status: Completed,

**۱۴. Production of alkaloid chemotypes using genetic techniques and Protoplast Culture of some Species of Vinca and Rahazya genera of**

Status: Completed,

**۱۵. Synthesis and sequencing of complementary DNA (cDNA) from human Placental bFGF (FGF)**

Status: Completed,

**۱۶. Designing a national laboratory research medical (molecular) biotechnology (NLRMB)**

Status: Completed,

**۱۷. Study of relationship between IL-۱Ra gene Polymorphism and GVHD in bone marrow transplant patients as a prognostic factor**

Status: Completed,

**۱۸. Determining the effect of chromosome ۲۲q ۱۱ Microdeletion on the outcome and complications of surgical repair in children with Te**

Status: Completed,

**۱۹. Molecular Genetics of G۶PD deficiency in Iranian Population (as a national project)**

Status: Completed,

**۲۰. Molecular identification of mutations of Glucose-۱-Phosphate dehydrogenase (G۶PD) gene in deficient Patients in Coastal province**

Status: Completed,

**۲۱. Molecular Genetics Study on Esophageal squamous cell carcinoma amongst afflicted patients in Tehran**

Status: Completed,

**۲۲. Identification of Carcinogenes (in foods & beverages) in induction of frequent Cancers especially Esophagus and Stomach cancers-**

Status: Completed,

**۲۳. Biotechnological study of structural changes of Sterols**

Status: Completed,

**۲۴. The molecular nature, characterization and Pathology of B- thalassemia in Iran: The basis for Prenatal diagnosis (as a regional**

Status: Completed,