

Special Issue

Molecular Genetics and Genomics in Human Hereditary Diseases in Russia

Message from the Guest Editor

Russia is the largest country in the world, with a multinational population. Throughout the country, many laboratories conduct a full range of molecular analyses, searching for the causes of hereditary disorders, from searching for frequent mutations in well-known diseases such as PKU and cystic fibrosis to the functional analysis of newly identified variants and the discovery of new genes for Mendelian disorders. An important aspect is the study of population- and ethnicity-specific diseases, their frequency, the spectrum of mutations in causative genes, and the search for new, rare forms of hereditary diseases. This Special Issue presents papers concerning all of the above aspects, from the best molecular genetic laboratories all over the country.

Guest Editor

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