

The laboratory of gastroenterology

The Purpose is:

Carrying out scientific research in the field of fundamental and clinical gastroenterology, aimed at studying epidemiology and pathogenesis regional features, including molecular biological aspects of digestive system major diseases. The development of innovative methods of diagnosis, prevention and treatment.



**Head of Lab.
Prof. Kurilovich S. A.**

The Objectives of the Laboratory are:

1. Study of molecular biological problems of formation and progression of atrophy of mucous membranes (stomach, intestines) and fibrosis of parenchymal digestive organs (liver, pancreas) under the influence of various factors (metabolic disorders, alcohol, iron overload, etc.) and their contribution to the formation of precancerous States and changes.
2. Development, testing and implementation of screening methods for diagnosis of precancerous conditions of the esophagus, stomach, pancreas, liver and intestines on the basis of molecular genetic, immuno-enzyme and biochemical research methods.
3. Study of the relationship between the pathology of the digestive system and other diseases (metabolic syndrome, atherosclerosis, diabetes, pathology of the shield. glands and others.)
4. Development of proposals for practical health care for the organization of the prevention system, formation of risk groups and timely detection of precancerous conditions (changes) and early cancers of the digestive system.
5. Development of proposals to optimize the treatment of diseases of the digestive system (testing of new drugs or new schemes).