

**Research institution from Moldova:  
possible areas of scientific  
collaboration**

**State Medical and Pharmaceutical University**

- **Title: Genome-Wide Association Study of Cardiovascular Risk Factors in Populations of Eastern Europe**
- **The goal** is to investigate the genetic variation (SNP, CNV, etc.) associated with anthropometric, biochemical, behavioral, and environmental risk factors of cardiovascular diseases in populations of Eastern European countries in comparison with Western European populations

**State Medical and Pharmaceutical University**

- **Title: Study of Metabolic Profiles Related to Health Risks in Young Population**
- **The goal** is to investigate the differences in metabolic traits associated with conditions causing the highest burden of disease (obesity, hypertension, chronic inflammation, lipid metabolism, etc.) in young populations across Europe

**National Centre of Public Health**

- **Title: Development and implementation of cost-effectiveness assessment system of public health measures and non-communicable diseases' prevention.**
- Comparative estimation of financial flows to public health activities and diseases prevention with the healthcare providing. Assessment of non-transmissible disease burden in society and prognosis methodology development of their risk increasing in adverse economic conditions. Development of recommendations for decision-makers for investment optimization and reorientation on prophylaxis and disease prevention.

## **National Centre of Public Health**

- Studies of antibiotic resistance of bacterial agents
- Epidemiological studies and monitoring of the infectious diseases with vectors transmission

## **National Center of Health Management**

- Ensuring equity between rural and urban population in healthcare quality
- Developing and implementing methods for the transfer of research into policy in the fields of health promotion and disease prevention
- Building sustainable capacity for research for health and its social determinants in low and middle income countries

## **The Research Institute of Mother and Child Health Care**

- Development of the risk assessment profiles in mother and newborn (pre-pregnancy, antenatal, intrapartum, pre-discharge, post-discharge).
- Role of interleukines in cerebral disorders associated with intrauterine infection in newborns

## **Institute of Neurology and Neurosurgery**

- Stereotaxic and functional neurosurgery: neuromodulation in motor disorders and chronic pain
- Vascular cerebral microsurgery
- Headache and chronic pain. Parkinson's disease. Autonomic disorders. Sleep disorders.
- Genetics studies in stroke.
- Medular vascular pathology.

## **Institute of Cardiology**

- Primary and secondary prophylaxis of the cardiovascular diseases
- Populational study in hypertension
- Prevention and treatment of cardiac arrhythmias
- Basic studies in ethio-pathogenesis of the cardiovascular diseases

## **National Center of Reproductive Health and Medical Genetics**

- Reproductive health
- Human genetics: Study and identification of factors with negative effect on the human genome and reproductive health

## **Institute of Oncology**

- Prophylaxis and treatment of oncology diseases
- Major external and internal risk factors in development of oncological pathology
- Populational genetic studies of predisposition for oncological pathology

## **Institute of Phthysiopneumology**

- Contemporary aspects of resistant TB infection: diagnosis and treatment improvement.
- Immunology and immunodiagnostics of TB and non specific pulmonary diseases: immunomodulation and immunocorrection.

# **National Scientific and Practical Center of Emergency Medicine**

- Optimization of poly-trauma treatment
- Population genetic study of stroke in Moldova