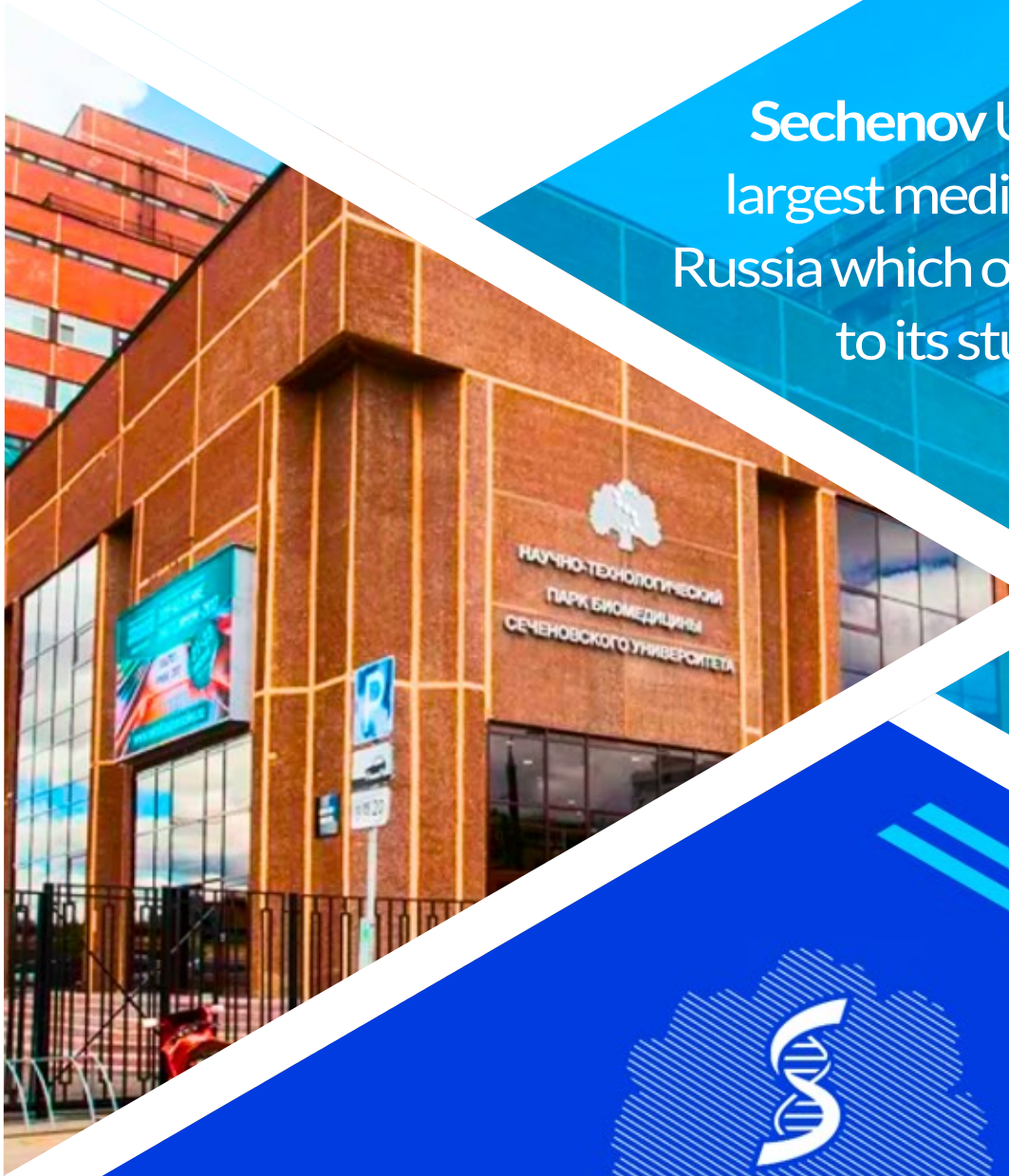




SECHENOV
UNIVERSITY
LIFE SCIENCES

Sechenov University is the largest medical university in Russia which opened its doors to its students in 1758.



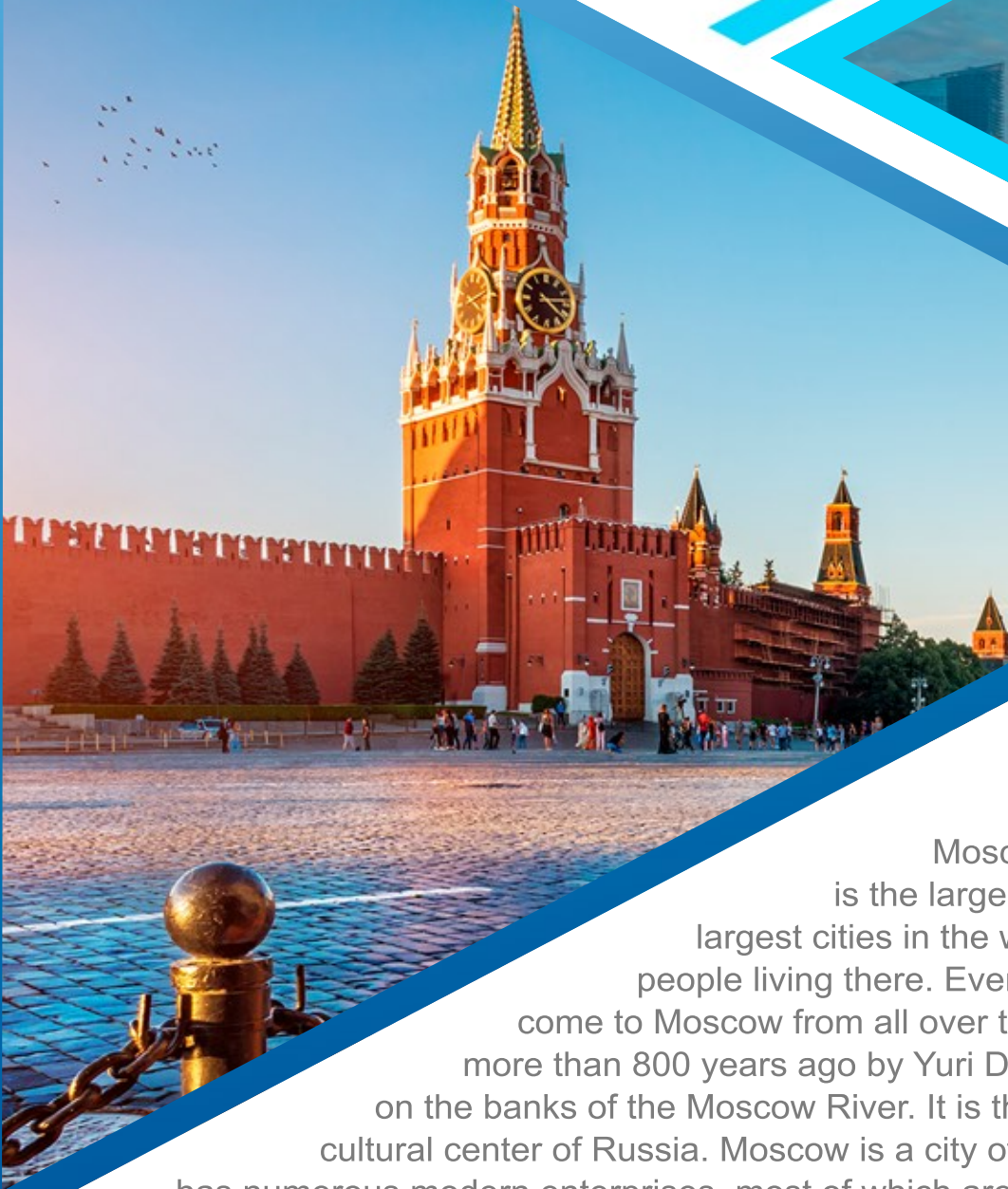
FIRST MOSCOW STATE MEDICAL UNIVERSITY

named after I. M. Sechenov

www.fmsmu.com

▶ ABOUT MOSCOW

ABOUT MOSCOW



Moscow is the capital of Russia and is the largest city in Russia. It is one of the largest cities in the world, with more than 13 million people living there. Every day about one million people come to Moscow from all over the world. The city was founded more than 800 years ago by Yuri Dolgoruki. The capital is situated on the banks of the Moscow River. It is the main political, economic and cultural center of Russia. Moscow is a city of highly-developed industries. It has numerous modern enterprises, most of which are engineering and metalworking plants. They produce machine tools, motor cars, transformers, electric motors, TV sets, watches, and other. Moscow is also a center of the chemical industry. Moscow is called a city of students for a reason. There is a large number of schools, gymnasiums, museums, colleges, institutes and universities within the city. Moscow is a very beautiful city with huge green parks, large squares and wide streets, making it a very attractive place for everyone.

► RECTOR'S WORD

Dear colleagues!

As of today, medicine is known worldwide as an extremely multidisciplinary field of human knowledge and practical activities.

Sechenov University is regarded as the top medical university in Russia. By the 260th Anniversary, the University has grown into an academic, research and resource center of Excellence in the Russian healthcare system.

The strategic goal of Sechenov University is to join the international research and educational community in order to become an international example in Life Sciences.

Medicine of the future is being developed at Sechenov University with a strong academic foundation in clinical medicine by expanding frontiers in advanced multidisciplinary research together with the world leaders in various fields.

Unique interdisciplinary studies provide the basis for a number of education programs.

The University gives students numerous opportunities to become involved in research activities that develop creative thinking skills and give incentives to work on one's own scientific projects.

Our graduates have broad thinking and unique professional skills which makes them internationally sought-after experts.

Researchers at Sechenov University possess unique competencies enabling them to develop solutions to various health problems.

FMSMU students and faculties are truly the power source at the heart of its intellectual leadership.

We are looking forward to welcoming you at Sechenov University!



Prof. Petr. V. Glybochko
Rector, member of the
Russian Academy of
Sciences



▶ ABOUT I.M. SECHENOV FIRST MOSCOW STATE MEDICAL UNIVERSITY

I.M. Sechenov First Moscow State Medical University (also known as FMSMU) is situated in Moscow and represents the largest medical, scientific and clinical complex in Russia. The University proudly holds the position of one of the most prestigious medical universities of Russia. FMSMU is one of the medical universities of Russia recognized by the WHO, MCI, PLAB and other major organizations and countries.

Sechenov Medical University was one of the first to start the admission of foreign students back in 1949. Nowadays, about 20% of the students are foreign students and this fact has allowed the University to be ranked first in the list of Russian medical universities in terms of the number of foreign students.

Training is conducted in Russian, English and French, depending on the type of educational program chosen. International applicants who are not proficient in the Russian language are welcome to take a one-year Preparatory (Foundation) course.



International collaboration agreements cover a broad range of foreign universities and organizations, including:

- ▶ World Health Organization;
- ▶ World Federation for Medical Education;
- ▶ Association of University Programs for Health Administration;
- ▶ World Organization of National Colleges, Academies and Academic Associations of General Practitioners/Family Physicians;
- ▶ European Health Management Association;
- ▶ World Association for Medical Law;
- ▶ International Science and Technology Center;
- ▶ Open Society Foundations (formerly known as Open Society Institute);
- ▶ International Physicians for the Prevention of Nuclear War;
- ▶ German Academic Exchange Service;
- ▶ Universities in Australia, Great Britain, Germany, Denmark, Canada, Israel, Norway, France, The Netherlands, USA, Switzerland, Portugal, Serbia and Montenegro.

▶ RESEARCH INSTITUTES & LABS

Biomedical Science and Technology Park

- ▶ Institute for Regenerative Medicine;
- ▶ Institute for Molecular Medicine;
- ▶ Institute for Personalized Medicine;
- ▶ Institute for Translational Medicine and Biotechnology;
- ▶ Institute for Bionic Technologies and Engineering.

The scientific core of FMSMU is its Research Center (RC) which combines all the scientific departments of the University.

Institutes of Sechenov University:

- ▶ Institute of Medical Parasitology and Tropical Medicine;
- ▶ Institute of Public Health and Healthcare Management;
- ▶ Institute of Medical Sociology, Healthcare Economics and Medical Insurance;
- ▶ Institute of Pharmacy;
- ▶ Institute of Urology and Reproductive Health.

Institute of Medical Parasitology and Tropical Medicine

The Institute of Medical Parasitology and Tropical Medicine named after E. Martynovskii is the educational base of the department of Tropical Medicine and Parasitic Diseases, which was founded as a part of the Faculty of Preventive Medicine.

The institute owns a large collection of agents of parasitic diseases and arthropod-carriers of diseases, rich illustrative material in the form of tables, slides and videos, a library which contains all of the major publications related to the studied problems and includes 80,000 names of the scientific literature for Parasitology, unique insectary carriers of human diseases, as well as collection agents registered by the World Health Organization.

The institute staff motto is "Improving the surveillance of parasitic diseases", and they actively participate in the development of materials legislative prevention of parasitic diseases in Russia.

The main objective of the department is training competent personnel for the Russian Federal Consumer Rights Protection and Human Health Control Service and healthcare facilities specializing in parasitology with the use of modern technologies, forms and methods of teaching, as well as the latest achievements in biological and medical science and practice.

The departments train postgraduates in the field of parasitology and prepare graduate students (full-time and part-time) and doctors of medical and biological sciences in the specialties of parasitology and entomology. Due to the degradation of the environment, new training is based on sanitary parasitological studies of the environment.

DEPARTMENTS AND DIVISIONS:

- ▶ Department of Scientific Medical Information;
- ▶ Department of Medical Protozoology;
- ▶ Department of Medical Helminthology;
- ▶ Department of Development and Pre-clinical Study of Antiparasitic Medications;
- ▶ Division of Modern Therapeutic Methods of Treatment of Parasitic Diseases;
- ▶ Department of Medical Entomology;
- ▶ Laboratory Development of Treatments for Parasitic Diseases.



INSTITUTE OF PUBLIC HEALTH AND HEALTHCARE MANAGEMENT

The Research Institute of Public Health and Health Management was established in 2002. Institute is working on development of modern technology and training of specialists with higher medical and pharmaceutical education, based on the achievements of biomedical research.

Main areas of research are:

- ▶ The policy and strategy for the formation of public healthcare;
- ▶ The development and improvement of technologies for shaping public healthcare;
- ▶ Strategy for healthcare Management;
- ▶ Personnel Policy in healthcare;
- ▶ Economic and resource provision of healthcare;
- ▶ Standardization in healthcare;
- ▶ Information technology in healthcare management;
- ▶ Legal protection of public health and healthcare management;
- ▶ International healthcare.

Departments:

- ▶ Medical Prevention and Health Promotion;
- ▶ Public Health Policy;
- ▶ Problems of Public Health;
- ▶ Standardization in Health Care;
- ▶ Health Management Strategies
- ▶ Laboratory of the Development of Information Technology;
- ▶ Laboratory of Labor Efficiency in Health Care;
- ▶ Laboratory of Legislation in Health Care
- ▶ Problems of Health Information;
- ▶ Socially Significant Diseases Laboratory of Clinical and Laboratory Diagnosis

INSTITUTE OF MEDICAL SOCIOLOGY, HEALTHCARE ECONOMICS AND MEDICAL INSURANCE



Established in 2011, the Institute of Sociology of Medicine, Health Economics and Health Insurance consists of the managerial board and six scientific divisions: five departments (Sociology of Health and Illness, Sociology of Health Care Management, Historical and Sociological Analysis of Medicine, Health Economics, Management, Economics and Sociology of Health Insurance) and a laboratory of medical and sociological monitoring.

Main objectives are the coordination of research activities, improvement of the quality and quantity of medical and sociological and socio-economic research on fundamentally new directions in the sociology of Medicine, Health Economics and Health Insurance and training health managers in areas of Sociology of Medicine and Health Economics.



MAIN AREAS OF RESEARCH:

- ▶ Generating new knowledge about the basic laws governing the functioning and development of medicine as a social institution;
- ▶ Formation of valuable relationships among different segments of the population with healthcare institutions, illnesses and health care, medicine and public health organization;
- ▶ Development and implementation of social and economic measures to further improve health and health care organizations.

The research activities of the Institute are based on the principles of unity and active interaction between the research and educational activities.

INSTITUTE OF PHARMACY

The Research Institute of Pharmacy was established in 2001, the Institute carries out activities in cooperation with other institutions, faculties and departments of the University and its clinics, performs collaborative research and participates in the educational process at the University.



MAIN AREAS OF RESEARCH:

- ▶ Development of scientific foundations for organizing the functioning of pharmaceutical companies;
 - ▶ Development of basic principles of pharmaceutical research in establishing a manufacture of medicines;
 - ▶ Research to develop innovative technologies for medicine production;
- Development of requirements for the creation and standardization of medical drugs based on nanotechnology;
- ▶ Research on the standardization of general pharmacopoeial analytical methods;
 - ▶ Research on standardization of dosage forms;
 - ▶ Research on the standardization of medicinal plants, herbal medicines, including homeopathic ones;
 - ▶ Research on standardization of excipients;
 - ▶ Development of scientific and methodological principles of pharmacoeconomic and pharmacoepidemiological studies;
 - ▶ Pharmacoeconomic studies of drugs used for the treatment of socially significant diseases.



The results of the research conducted by the staff at the Institute of Pharmacy is published in monographs, textbooks and the following magazines: "Pharmacy", "New Pharmacy", "Pharmaceutical Chemistry Journal", "Bulletin of Voronezh State University," "Pharmaceutical industry", "Bulletin of the Scientific Center of Medical Products", "Pharmacoeconomics", and others.

The Institute of Pharmacy holds annual scientific conferences and scientific seminars on topical issues of technology, standardization, production and pharmacoeconomic of medicines, with the participation of students, researchers, companies specialized in the manufacture of medicines and the regulatory authorities.

LABORATORIES OF THE INSTITUTE OF PHARMACY:

- ▶ Laboratory of Medicines Technologies
- ▶ Laboratory of Pharmacognosy
- ▶ Laboratory of Pharmacopoeias
- ▶ Laboratory of Pharmaceutical Chemistry
- ▶ Laboratory of Pharmacoeconomics



INSTITUTE OF URONEPHROLOGY AND REPRODUCTIVE HEALTH

The Institute explores current issues of diagnosis, treatment and prevention of diseases of the urinary system, male fertility disorders and sexual function. In its clinical departments a wide range of complex medical operations are performed routinely, including laparoscopic interventions on a kidney, a wide range of rare and technically complex reconstructive and plastic operations on the organs of the urinary system, percutaneous interventions, minimally invasive treatment of prostate cancer using focused ultrasound, destruction of small renal tumors with radiofrequency ablation and other modern techniques. Promising methods of 3D modeling of the pathological process of kidney cancer, kidney stones and hydronephrosis were introduced in the Institute, significantly improving the effectiveness of surgical treatment for these conditions by creating computer simulations of operations.

FACULTIES OF I.M. SECHENOV FIRST MOSCOW STATE MEDICAL UNIVERSITY

FACULTY OF MEDICINE

The Medical Faculty is one of the largest ones at the University and is rightfully claimed as the largest medical faculty in the country. About 8,000 students from all over Russia study there. The Medical Faculty of Sechenov University provides training in the specialty “General Medicine”.

The structure of the Medical Faculty includes 48 departments, many of which take part in the educational process in most areas of training implemented by the University. The departments of the mathematical-natural-science area retain the role of training specialists for the departments and research institutions operating in the fundamental branches of Biology and Medicine.

The departments of the disciplines of the humanitarian-socio-economic area are universally recognized methodological centers that determine the policy of teaching foreign languages, philosophy, bioethics, as well as the Latin language in medical schools. The scientific and pedagogical schools of the clinical departments of the faculty are unique, many of which are an integral part of the team of multidisciplinary university hospitals, successfully working at the bases – the leading clinical and research institutions subordinated to the Ministry of Health of the Russian Federation, Russian Academy of Medical Sciences, Federal Medical Biological Agency of Russia and the Moscow Department of Health.

Training at the Medical Faculty of FMSMU is an opportunity to become a highly qualified specialist with vast knowledge and first-hand practical skills of industry leaders who determine the development policy of domestic health care. Every year, the Faculty of Medicine graduates more than 1,000 doctors, two thirds of whom have “excellent” and “good” marks in the diploma.

Graduates of the Faculty are highly demanded on the labor market. At the postgraduate stage doors to clinical residency and postgraduate study in all departments of the University are open. Graduates of the Faculty are outstanding clinicians, scientists and healthcare organizers working within Russia and many other countries around the world.



DEPARTMENTS OF THE FACULTY OF MEDICINE:

- ▶ Department of Obstetrics and Gynecology;
- ▶ Department of Human Anatomy;
- ▶ Department of Biology and General Genetics;
- ▶ Department of Histology, Cytology and Embryology;
- ▶ Department of Hospital Therapy No. 2;
- ▶ Department of Clinical Pharmacology and Internal Medicine Propaedeutics;
- ▶ Department of Medical Genetics;
- ▶ Department of Normal Physiology;
- ▶ Department of Oncology, Radiotherapy and Plastic Surgery;
- ▶ Department of Pathological Anatomy named after Academician A.I. Strukova;
- ▶ Department of Internal Medicine Propaedeutics;
- ▶ Department of Psychiatry and Psychosomatics;
- ▶ Department of Forensic Medicine;
- ▶ Department of Faculty Therapy No. 1;
- ▶ Department of Faculty Surgery No. 2;
- ▶ Department of Phthisiopulmonology and Thoracic Surgery named after M.I. Perelman;
- ▶ Department of Endocrinology No. 1;
- ▶ Department of Obstetrics and Gynecology No. 1;
- ▶ Department of Anesthesiology and Resuscitation;
- ▶ Department of Biological Chemistry;
- ▶ Department of Eye Diseases;
- ▶ Department of Children's Diseases;
- ▶ Department of Skin and Venereal Diseases named after V.A. Rakhmanov;
- ▶ Department of Medical and Biological Physics;
- ▶ Department of General Surgery;
- ▶ Department of Operative Surgery and Topographic Anatomy;
- ▶ Department of Pathophysiology;
- ▶ Department of Preventive and Emergency Cardiology;
- ▶ Department of Pulmonology;
- ▶ Department of Traumatology, Orthopedics and Disaster Surgery;
- ▶ Department of Faculty Therapy No. 2;
- ▶ Department of Pharmacology;
- ▶ Department of Economics and Management;
- ▶ Department of Obstetrics, Gynecology and Perinatology;
- ▶ Department of Life Safety and Disaster Medicine;
- ▶ Department of Ear, Nose and Throat Diseases;
- ▶ Department of Hospital Therapy No. 1;
- ▶ Department of Clinical Immunology and Allergology;
- ▶ Department of Radiology and Radiotherapy;
- ▶ Department of Nervous Diseases and Neurosurgery;
- ▶ Department of Oncology;
- ▶ Department of Human Pathology;
- ▶ Department of Polyclinic Therapy;
- ▶ Department of Psychiatry and Narcology;
- ▶ Department of Sports Medicine and Medical Rehabilitation;
- ▶ Department of Transplantology and Artificial Organs;
- ▶ Department of Faculty Surgery No. 1;
- ▶ Department of Physical Education
- ▶ Department of Endocrinology.



FACULTY OF PREVENTIVE MEDICINE

TCurrently students of 1-6 years study at the Faculty in the following areas of training:

- ▶ Medical and preventive care
- ▶ Biochemistry
- ▶ Biophysics

In 1930, with the creation of the First Moscow Medical Institute, a new Sanitary-preventive Faculty was formed. Training of sanitary doctors (hygienists and epidemiologists) is carried out on a regular basis, and the Faculty became the first in the history of world medical education, with its specialists being tasked to develop a preventive direction in healthcare. A wide range of scientific problems are being worked on within the departments:

- ▶ Rational nutrition of certain groups of the population;
- ▶ Nutritional and biological value of new food products;
- ▶ Clinical nutrition;
- ▶ Occupational hygiene;
- ▶ Industrial toxicology and physiology of labor;
- ▶ Mechanisms of adaptation and intoxication syndromes in acute intestinal invasions of a bacterial nature;
- ▶ Development of documents of sanitary legislation;
- ▶ Research on the etiology of diseases caused by conditionally pathogenic microbes;
- ▶ Scientific foundations of environmental hygiene and occupational diseases;
- ▶ Work organization and training general practitioners and family doctors for examination of the relationship of molecular genetics and population levels in the life of infectious diseases;
- ▶ Research in the field of neurology, hepatology, pulmonology, rheumatology and occupational diseases.



DEPARTMENTS OF THE FACULTY OF PREVENTIVE MEDICINE:

- ▶ Obstetrics and Gynecology No. 2;
- ▶ Nursing, Nursing Management and Social Work;
- ▶ Infectious Diseases of the Medical and Preventive Faculty;
- ▶ Pedagogy and Medical Psychology;
- ▶ Microbiology, Virology and Immunology of the Medical and Preventive Faculty;
- ▶ Public Health and Healthcare named after N.A. Semashko;
- ▶ Internal, Occupational Diseases and Rheumatology;
- ▶ Surgery Medical Faculty;
- ▶ Human Ecology and Environmental Hygiene Medical and Preventive Faculty;
- ▶ Epidemiology and Evidence-Based Medicine at the Faculty of Medical and Prevention;
- ▶ Tropical Medicine and Parasitic Diseases;
- ▶ Social Hygiene and the Organization of the State Sanitary and Epidemiological Service;
- ▶ Occupational Medicine, Aviation, Space and Diving Medicine.

FACULTY OF PEDIATRICS

On June 19, 2010, in the FMSMU the Pediatric Faculty was established. The main purpose of the Faculty is to provide continuing professional education of pediatricians for practical public health.

The clinical bases of the Pediatric Faculty are:

- ▶ Federal State Autonomous Scientific Institution “National Medical Research Center for Children’s Health” of the Ministry of Health of the Russian Federation (Scientific Center for Children’s Health);
- ▶ University Children’s Clinical Hospital of the University of Sechenov;
- ▶ Children’s Clinical Hospital No. 9 named after G.N. Speransky;
- ▶ Children’s City Polyclinic No. 125.



Work with students is carried out not only during school time, but also during student scientific classes, schools of craftsmanship, all of which are organized within the departments of the Faculty. The most popular among them are:

- ▶ The class in pediatrics at the department of pediatrics and pediatric rheumatology,
- ▶ The class in pediatric surgery,
- ▶ The class in propaedeutics of children’s diseases,
- ▶ The class in neonatology, a school of excellence in pediatrics and pediatric surgery.

Tasks of the Faculty is training qualified specialists in the area of healthcare on the basis of close connection of the educational process with clinical practice and research, improving the system of higher professional education and additional professional education, as well as continuing medical education of pediatricians, including primary care, participation in scientific research aimed at ensuring the reduction of infant mortality, prevention of childhood diseases and improving the quality of life of children and teenagers, with the use of the results in the educational process, provision of highly qualified medical care for children and spread of medical scientific achievements.

DEPARTMENTS OF THE FACULTY OF PEDIATRICS:

- ▶ Restorative Medicine, Rehabilitation and Balneology;
- ▶ Pediatrics and Pediatric Infectious Diseases;
- ▶ Hygiene of Children and Adolescents;
- ▶ Pediatrics and Pediatric Rheumatology;
- ▶ Pediatric Surgery and Urology-Andrology;
- ▶ Pediatric Diseases;
- ▶ Neonatology.



FACULTY OF PREPARATORY STUDIES

Mission of the Faculty is to provide high quality lead-up for enrollee on admission to Sechenov University by forming professional motivation and further adaptation to the education process in the University.

Additional profile education in specialized biomedical classes in elementary high schools (school to university complex) amounts to 20 years of history. Accumulated experience of enrollee lead-up enables students to get more than 70% of high scores in USE. Students trained in biomedical classes are characterized by high academic performance and tend to consciously choose further professions after university. Many continue to work in Sechenov University divisions during the writing of doctoral and PhD thesis.

Profile subject education is carried out starring highly qualified professors of general biology, genetics, botanic, general chemistry, Russian language, medical and biological physics and Latin departments. Educational and control tests are held to assess the real level of knowledge on profile subjects and to prepare students for USE exams.

One of the objectives of profile biomedical classes is the opportunity to consciously choose future professions. University conducts excursions and thematic classes in clinics, anatomical medical history museums for the students of biomedical classes.

Preparatory courses target on training in biology, chemistry, Russian language and for initiation tests of professional orientation. Highly qualified professors of FMSMU can guarantee their students' successful education in university and best adaptation from the very first study year.

All students who successfully finished the biomedical classes and preparatory courses get the status of pre-university faculty listener. Benefits of status of pre-university listener of Sechenov University include:

- ▶ Taking the first successful step into student and professor collective of Sechenov University;
- ▶ Confirmation of finishing the AP classes (Biology, Chemistry, Russian language) for students of biomedical courses and "Step into medicine";
- ▶ High level and competitiveness of received knowledge and skills;
- ▶ An opportunity to learn first about all the courses held by Sechenov University for students of secondary vocational training.

**STUDENTS ATTEND PRACTICAL CLASSES IN THE BEST MEDICAL:**

- | | |
|---|---|
| <ul style="list-style-type: none"> ▶ Medical Center CCB; ▶ Medical Center Agape; ▶ Infectious Clinical Hospital No. 2; ▶ Clinical and Diagnostic Center Medsi; ▶ Central Clinical Hospital of The Russian Academy of Sciences; ▶ City Clinical Hospital. V. Vinogradova; ▶ Private Hospital "Alliance Medical"; ▶ Private Clinic Named by Vernadsky; ▶ GMS Clinic; ▶ European Medical Center; | <ul style="list-style-type: none"> ▶ Helios Endo Clinic Hamburg; ▶ Central Clinical Hospital No. 1; ▶ Clinical Hospital Medsi; ▶ Moscow Regional Children's Clinical Trauma and Orthopedic Hospital; ▶ Central Clinical Hospital; ▶ 1st City Hospital, Moscow ▶ 7th Tuberculosis Hospital, Moscow; ▶ City Clinical Hospital No. 63; ▶ Children's Hospital. |
|---|---|

CAMPUS FACILITIES

Sport Center

Supporting an idea of preventive healthcare, Sechenov University has its own Sport Center called “Burevestnik” for students’ and staff members’ use. It is located in close proximity to the academic buildings and hospitals and comprises a football field, two track-and-field sectors, four tennis courts and a tennis wall, as well as an artificial playground, gym, halls for sports classes, with changing rooms and shower cabins.



Scientific Library

Nowadays, the Sechenov University's Central Scientific Library has a unique collection of scientific publications in medicine and healthcare and one of Russia's best Centers of Library Information Technologies Development and Introduction.

The Library is a member of the International Federation of Library Associations and Institutions (IFLA) and takes part in the international exchange of library materials. The Library has evolved into the one of the biggest European centers of scientific medical data.

The Library contains more than 3 million items of Russian and foreign medical books and journals, including scientific works, translations, theses, abstracts and deposit manuscripts.

Every year the Library is visited by up to 120,000 specialists from Russia, CIS and far-abroad countries.

There are 5000 sq.m. of archives, comfortable reading rooms with over 400 places and a modern IT lounge.

The Library maintains the database of medicine and healthcare “Russian Medicine” that comprises over 80% of all published and unpublished materials in the field. It also carries out research activities, gives practical help to other libraries, and provides education for medical libraries staff members.



Accommodation and facilities

While getting education, all students are provided with comfortable rooms in a number of hostels. All rooms are provided with the Internet access, TV set and other electronics. There are bathrooms, lavatories and kitchens for students. In most cases, students use accommodation facilities on the shared basis. All hostels are safe, as they are under the protection of security guards 24/7.

There is more to the education process than exams and tests. Student life is a unique world, filled with joyful and exciting events such as making new acquaintances and attending workshops and clubs. The university is a so-called city within the city which has everything one might need. Various sport competitions and charity events are being held at the University, and a number of humanitarian missions from the University have been sent abroad. Students of Sechenov University can visit the Central Medical Library, Museum of Medical History, stadium “Petrel”, student recreation camp “Sechenovets”, botanical garden, animal facility, three student hostels, volunteers’ center, and publishing house.

SECHENOV
UNIVERSITY
LIFE SCIENCES



Admission office:
+7(969)283-48-20
admission@fmsmu.com
www.fmsmu.com