



ALTAI STATE UNIVERSITY

THE FLAGSHIP
UNIVERSITY
OF THE ALTAI REGION



CREATING THE FUTURE





Altai State University (ASU) is located in the city of Barnaul, the capital of the Altai Region.

Altai is the geographical center of Eurasia, the cradle of ancient cultures and civilizations, one of the most beautiful and amazing places on the planet, the leader of ecological tourism and the largest manufacturer of eco-friendly food in Russia.

Altai State University is the region's flagship university, focusing on the development of economy and social sphere of the Altai Region and neighboring territories, as well as on providing cross-border cooperation with Asian countries in the educational, scientific, innovative, and humanitarian spheres.

12

**institutes
and faculties**

4

branches

4

**research
institutes**

4

**sites for scientific and
educational practices**

14

**representative
centers and
base schools
abroad**

4

**centers for
collective use of
scientific
equipment**

16

**laboratories
in cooperation
with the Siberian Branch
of the Russian Academy
of Sciences**

23

**departments at the basis
of enterprises of the region**

39

small innovative companies

**15 000
STUDENTS**

19,1%

master's degree students

11%

foreign students

Business incubator

Student Design and Technology Bureau



ASU
at a glance

27

**integrated directions
of education**

1 800

staff members

5

academicians

129

doctors of sciences

473

candidates of sciences

83%

faculty staff with a science degree

Engineering Center "PromBioTech"

Modern student campus

**South-Siberian
Botanical Garden**

College

**Institute
of Additional Education**



High dynamics of the development of ASU is confirmed by independent external evaluations. ASU is among the TOP-50 leading Russian universities in the international and national rankings of 2016:



QS World University Rankings 2018

#601-650
(#20 among the universities of Russia)



QS Top 50 Under 50 2019

#91-100
(#2 among the universities of Russia)



QS BRICS University Rankings 2018

#94
(#24 among the universities of Russia)



QS Emerging Europe and Central Asia University Rankings 2018

#115
(#25 among the universities of Russia)



Nature Index Ranking 2017

#31
among the universities of Russia
#7
Life Sciences subject ranking



World Ranking RUR (Round University Ranking) 2018

World League
(#37 among the universities of Russia)





Altai State University is the leader of the classical university education in Altai. ASU is a powerful educational complex, conducting training on all levels of education, including postgraduate and doctoral studies.

The University includes 12 institutes and faculties, 4 branches, more than 30 scientific laboratories and centers, the South-Siberian Botanical Garden, sport complexes, 3 sites for scientific and educational practices located in picturesque places of Altai, a modern student campus.

Institutes and Faculties

Faculty of Biology

Faculty of Geography

Faculty of Arts

Faculty of History

Faculty of Psychology and Pedagogics

Faculty of Sociology

Faculty of Chemistry

Institute of Jurisprudence

Faculty of Physics and Technology

Faculty of Mathematics and IT

Faculty of Mass Communication,
Philology and Political Science

International Institute of Economics,
Management and Informational Systems

College

Preparatory department

Integrated directions of educational programs

Computer and Information Sciences
Biological sciences
Information Security
Mathematics and Mechanics
Physics and Astronomy
Chemistry
Informatics and Computing Technology

Service and Tourism
Psychological sciences
Economics and Management
Earth Sciences
Jurisprudence
Sociology and Social Work
History and Archeology
Fine and Applied Art Forms
Technosphere Safety and Environmental Engineering

Musical Art
Education and Pedagogical Sciences
Cultural Studies and Socio-Cultural Projects
Media and Information and Library Science
Art Studies
Philosophy, Ethics and Religion
Political Science and Regional Studies
Linguistics and Literature



Altai State University has a significant potential for the development of scientific and educational activities, having a highly professional faculty represented by 5 academicians, 129 doctors and 473 candidates of sciences.

The University has established a system of additional education with more than 10 specialized professional development and training centers, combined in the Institute of Additional Education. Every year about 4 000 people take courses in the Institute.

The annual number of graduates on all levels of education is more than 3 000. The total number of students at the university is about 15 000.

The University has a preparatory department for foreign students studying the Russian language for subsequent admission to the University.



RESEARCH AND INNOVATIONS

Altai Center for Applied Biotechnology was created with the participation of the Institute of Chemical Biology and Fundamental Medicine of the Siberian Branch of the Russian Academy of Sciences. It is engaged in the development and implementation of highly innovative biotech products and technologies in the agro-industrial sector of the economy of Siberia and Russia. Center's specialists develop biological products for control of plant diseases, biotechnological breeding techniques of promising fruit, vegetables, ornamental and medicinal plants, and others.

Research Institute of Biological Medicine carries out a full cycle of the development and introduction into clinical practice of innovative biomedical technologies in the field of regenerative medicine, gerontology, pharmacology and pharmacy, next-generation drugs in conjunction with the principles of modern medical care.

Russian-American AntiCancer Center (RAAC) was created with the participation of Arizona State University and Altai State Medical University, experts of the regional cancer center "Nadezhda", as well as scientists from the Institute of Chemical Biology and Fundamental Medicine of the Siberian Branch of the Russian Academy of Sciences. Joint efforts resulted in the project aimed at early diagnosis and treatment of cancer.

Engineering Center "Prombiotech" created on the basis of Altai State University with the participation of leading research institutions and innovative companies. Engineering Center "Prombiotech" is one of the 30 projects of creating engineering centers in Russia, selected by the competition of the Ministry of Education and Science of Russia. The center has equipment for testing technological processes of biological products, development of experimental batches of biological products for conducting analytical studies, toxicological studies, in order to determine the effectiveness of the obtained biological products.

High institutional capacity allows the university to implement large scale funded research projects:

"Engineering Center "Prombiotech": the development of biotechnological products for agro-biological industry, recycling. The "Prombiotech"'s key project is the organization of a large-scale program of industrial testing of biological products for agriculture.

Development and import substitution of biotechnological products for agriculture, in particular, feed additives and antibacterial drugs in the framework of the Federal Targeted Programme for Research and Development in Priority Areas of Development of the Russian Scientific and Technological Complex for 2014-2020".

Mega-grant of the Russian Federation Government (laboratory for interdisciplinary studies of the archeology of Western Siberia and Altai under the guidance of Academician of the Russian Academy of Science A.P. Derevyanko).

Series of projects of Russian Science Foundation in the field of botany, archeology and psychology.



The scientists of Altai State University conduct research in the framework of more than 40 major research areas of natural, technical and humanitarian sciences. The key areas of research and innovation activities of the University are biotechnology and biomedicine, environmental management and geo-ecological monitoring, IT and telecommunications.



The university carries out work on four Russian technology platforms - "Medicine of the Future", "Biotech 2030", "Technology of Food Processing Industry of Agro-industrial Complex - Healthy Food" and "Technology of Environmental Development". Developments of the University in the field of biotechnology and healthy food are the repeated winners of the prestigious Russian and international innovation exhibitions "RosBioTech", "Health of the Nation", "Integrated Security", "Moscow Salon of Innovations and Investments", and others.



THE STUDENT EXPERIENCE

Training of young professionals in ASU is carried out in the framework of innovative laboratories and centers in the field of biotechnology, biomedicine, mathematical modeling and information security, agro-ecology and deep processing of plant raw materials, geo-environmental monitoring and technosphere safety.

On the basis of the university were created a business incubator, and the Center of

Youth Innovative Creativity "Eureka". Five teaching and research laboratories and Inter-faculty Student Design and Technology Bureau "UMNIK" merged into the innovative scientific and educational complex "First Stage". All the laboratories have high-tech equipment and implement innovative programs for undergraduate and graduate programs.



Every year the University runs more than 150 scientific conferences, Olympiads and competitions of professional skills for students, graduates and young scientists, including "Festival of Science", the youth scientific forum "Days of Youth Science", All-Russian Congress of Scientific Students' Societies, etc.





ALTAI STATE UNIVERSITY IN THE WORLD

There are 1150 foreign students, graduate students, trainees from China, Kazakhstan, Tajikistan, Kyrgyzstan and other countries.

ASU is one of the leading Russian internationally oriented universities. In recent years, ASU has been successfully implementing an advanced development strategy as an international scientific and educational center focused on the cross-border Asian region.

ASU is one of the priority members of the University of Shanghai Cooperation Organization, carrying out a series of network educational programs within the SCO University.

In 2013, under the auspices of Altai State University was created the Association of Asian Universities, which is currently the platform for educational and scientific cooperation for more than 50 universities, representing 8 Asian countries.



The University is implementing more than 100 agreements with 70 foreign universities.



Summer Schools for students, young scientists and young leaders are organized on the basis of the Altai State University

Russian-Chinese archaeological practice

Russian-Japanese School of Young Researchers

Russian-Japanese Summer School of Biological Diversity

"Altai-Asia" School of Young Leaders



ASU International scientific cooperation is represented by 20 collaborations with leading research centers and universities of Asia, Europe and America, the largest of which include:

Joint project "Training Program For Russia-Japan Innovative Leaders of Tomorrow (Kanazawa University, MEXT Inter-University Project)

Joint Project with Emory University (USA) in the field of synthetic chemistry and virology is aimed at the development of effective antiviral drugs.

Project Kulunda: "How to Prevent the Next Global "Dustbowl" Syndrome?". The purpose of the project is the development and implementation of innovative land use strategies. The project is being developed by 8 universities and research centers from the European Union and 10 universities and institutes from Russia.

Participation of Altai State University Cosmic Ray Research Group in international collaboration TAIGA - Tunka Advanced Instrument for cosmic ray physics and Gamma Astronomy.

International research projects in the field of archeology and protection of cultural heritage in the Greater Altai in antiquity (partners: universities and research centers in Kazakhstan, Mongolia, China).

Russian-American AntiCancer Center for Early Diagnosis of Cancer in cooperation with Arizona State University (USA). The basic task is verification of the immunosignatures determination technology.



In recent years, Altai has become a basic platform for the organization of a number of major scientific forums, including:

International Biotechnology Symposium "Bio-Asia-Altai-2015",

Conference for agribusiness professionals "Altaibiotekh",

International Conference "Evolutionism and Catastrophism in the Relief Development",

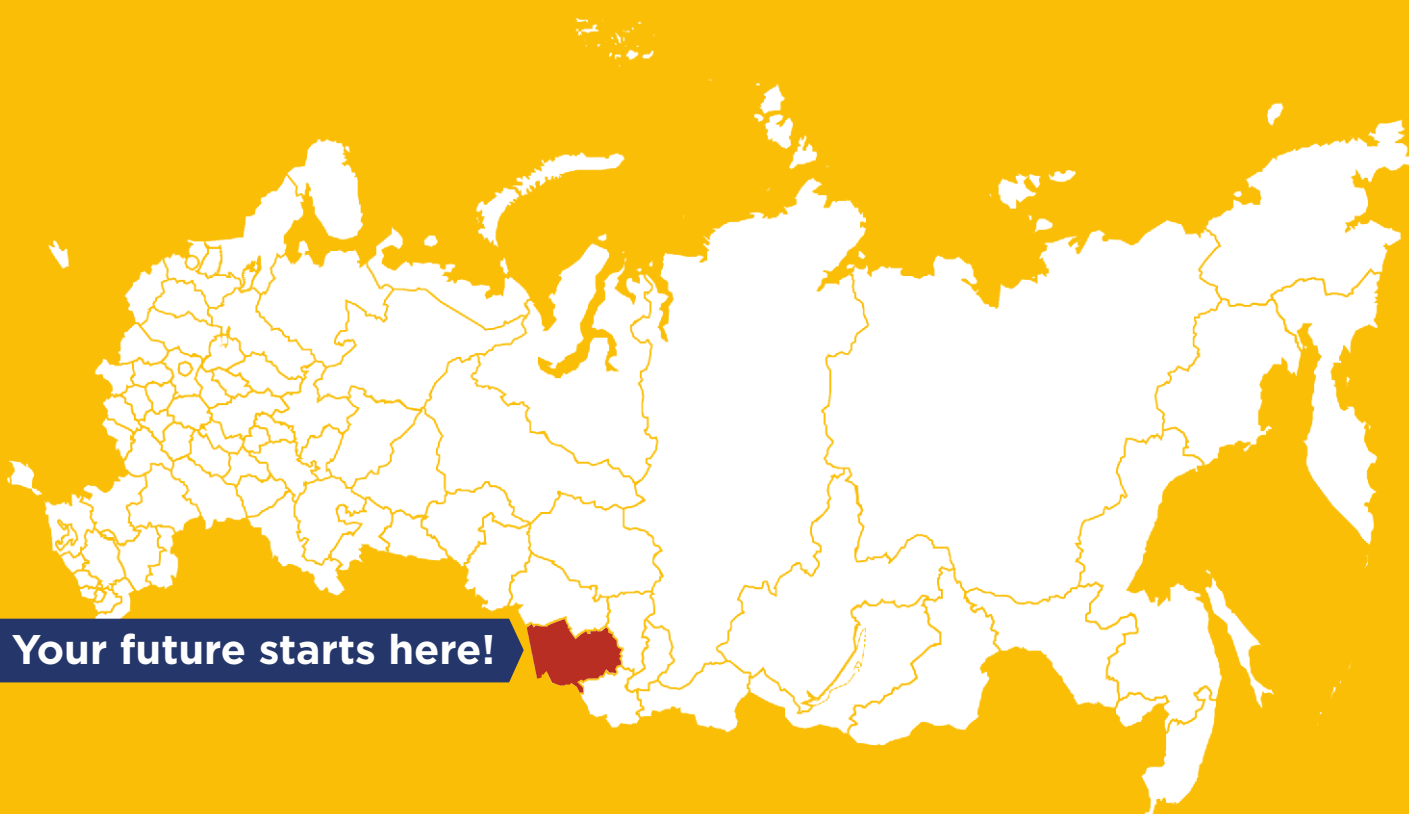
International scientific and practical conference "Problems of Botany in South Siberia and Mongolia",

International Youth Biotech School "Recombinant Antibodies and Vaccines",

X All-Russian scientific conference with international participation "Analytics of Siberia and the Far East",

26th Extended European Cosmic Ray Symposium, and others.

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