

L.N. Gumilyov Eurasian National University

Jumat Kargin

*Director of the commercialization of
technologies*

Nur-Sultan, 2021



- Legislative framework
- 7 technoparks and 21 technology commercialization offices
- Astana Business Campus
- IT Development Fund under JSC Zerde
- JSC "Foundation of science",
- 129 universities
- Nazarbayev University
- PIT Alatau
- Venture funds of Kazakhstan
- Alliance of Technology Commercialization Professionals



ENU: Mission, Vision, Values



Mission

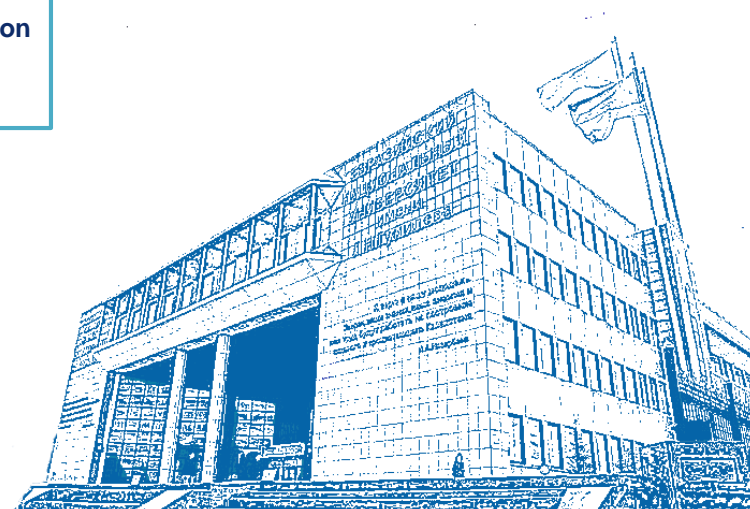
generation of new knowledge and innovations in the Eurasian space,
development of a competitive personality to serve the state and society

Vision

national research university, competitive in the world, based on
innovation ecosystem and digital technologies

Values

quality, trust and openness,
professionalism and responsibility,
academic honesty, tolerance and
patriotism



QS World University Rankings 2021



QS TOP UNIVERSITIES RANKINGS DISCOVER EVENTS PREPARE APPLY CAREERS COMMUNITY



L.N. Gumilyov Eurasian National University (ENU) [↗](#)

📍 Academic -administrative building 1, Nur-Sultan Kazakhstan +7

QS World University Rankings

🏆 357

Status	Research Output	Student/Faculty Ratio	Scholarships	International Students	Size	Total Faculty
Public	High	6	Yes	978	L	3,282

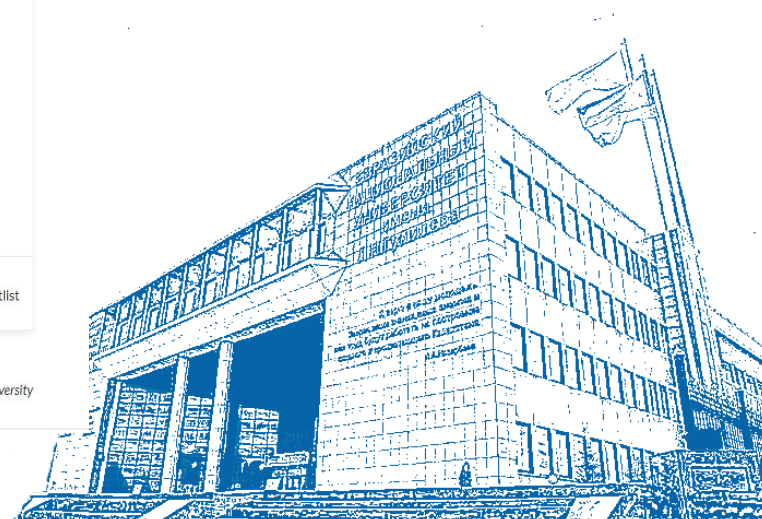
✉ Get In Touch

👤 Compare

❤ Shortlist

QS STARS

👤 +8 others shortlisted this university



ENU infrastructure of innovations and commercialization



Department of technologies of commercialization

Business -incubator

ENU-Lab

Park of nuclear technologies

Entrepreneurial center «CACTLE»

Projects of commercialization

No	Project's titles	year	Funding's, mln.tg
1.	Commercialization of Magnegas technology in Kazakhstan.	2011-2016	225
2.	Creation of filtration materials and metal nanostructures based on track membranes	2011-2016	200
3.	Development of normative and technical documentation for drug "Suttegen"	2011-2016	200
4.	Development of technology and organization of pilot production of domestic fluorescent polymer materials	2011-2016	225
5.	Application of energy-saving heat pump technologies using alternative energy sources	2017-2019	183
6.	The system for the preparation of a water-oil emulsion at the heat supply facilities of the Burabay district of the Akmola region	2017-2019	188

Infrastructure of commercialisation

R&D institutes:

R&D institutes– 18

Scientific centers- 6

Laboratories– 3

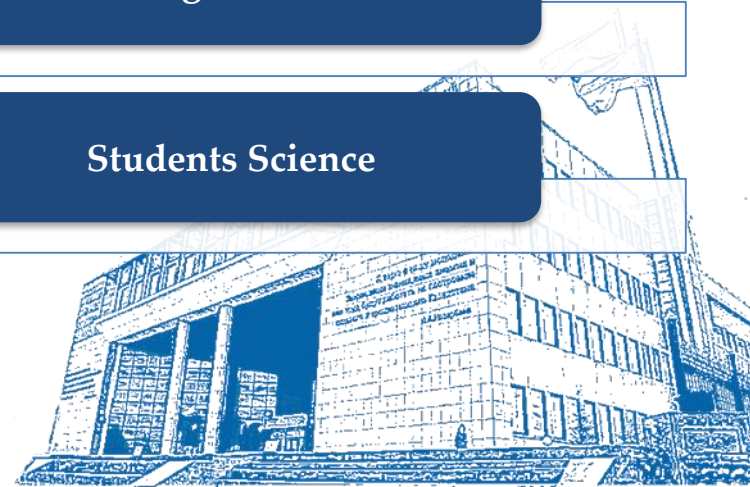
Equipment value – 10,3M USD

Scientific councils:

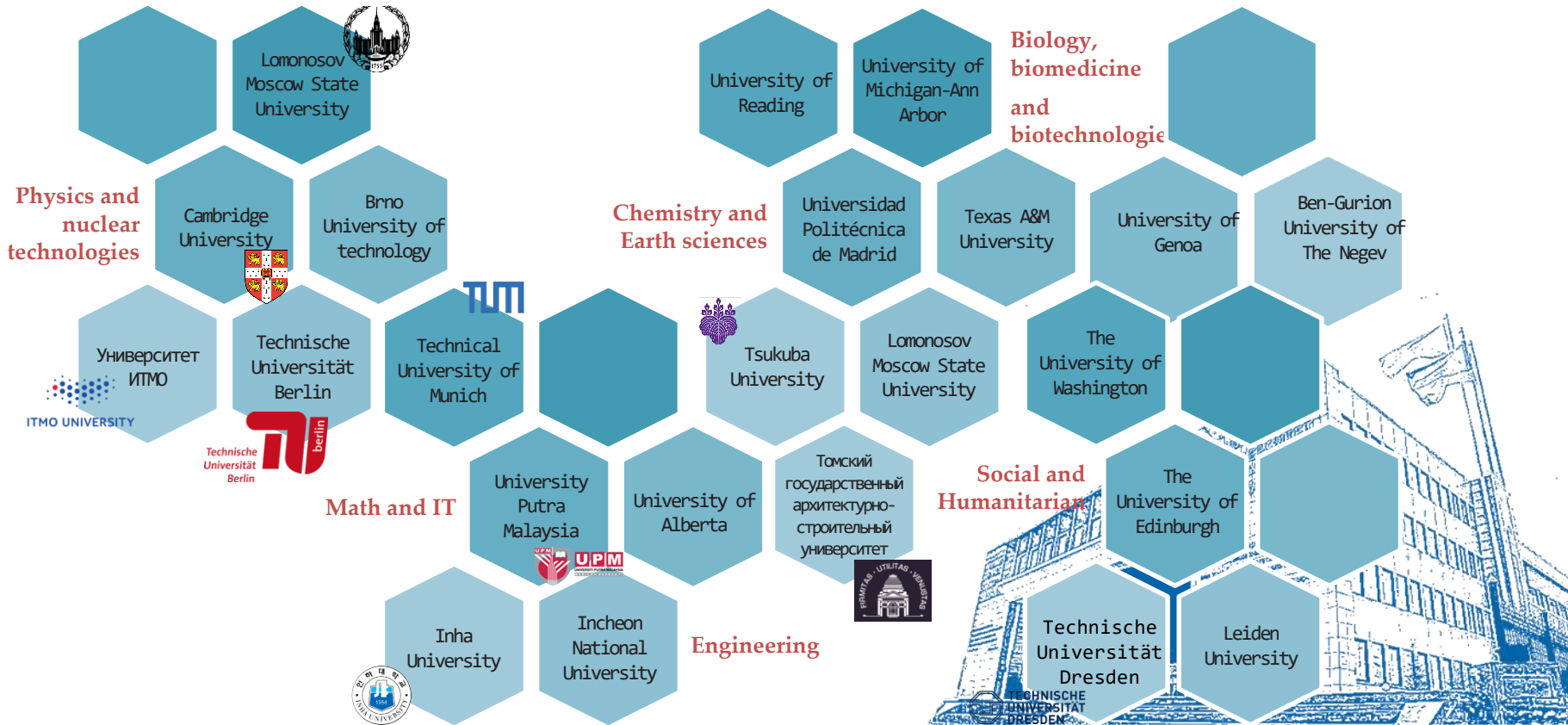
SciTech

Young scientists

Students Science



Academy and scientific partners



Industrial Partners



Physics and nuclear technologies



JSC "NC" Kazakhstan
Gharysh Sapary "



NNC of the Republic
of Kazakhstan



ҚАЗАҚТЕЛЕКОМ



KAZATOMPROM
NATIONAL ATOMIC COMPANY



Math and IT



Engineering

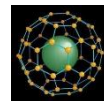
SIEMENS

KAZCHROME

KGS-Astana



TOO «KGS-Astana»



Dzhasur
Technologies

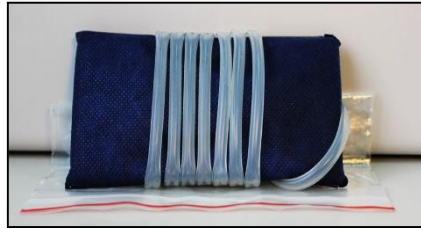


Chemistry and Earth sciences



International Scientific and
Production Holding
"Phytochemistry"

Release of nuclear track membrane filters for water purification and hemodialysis

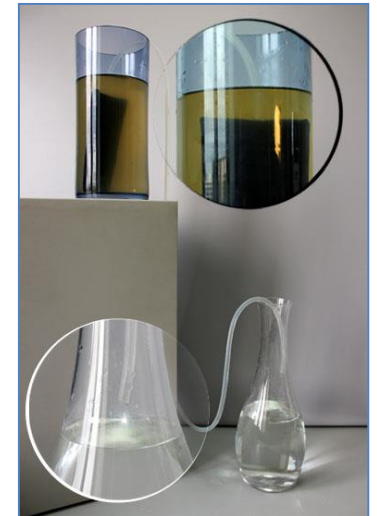
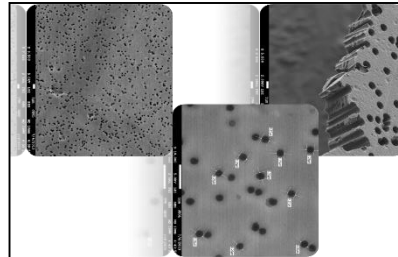


Industrial production of nuclear-track membrane filters for water purification of the "Bulak" type, indispensable in medicine, in emergency situations, in everyday life, etc.



DC-60 -an accelerator of heavy ions for the creation of nano- and micro-structures, modification of materials, research of nuclear reactions.

DC-60 - The basis for obtaining track membranes



According to "On Science" Kazakhstan's law dated February 18, 2011 and the Entrepreneurial Code of the Republic of Kazakhstan dated October 29, 2015:

- Financing of technologies commercialization is guaranteed by the state in priority sectors of the economy

According to the Law "On the commercialization of the results of scientific and (or) scientific and technical activities“, October 31, 2015:

- Scientists are guaranteed a minimum amount of royalties for the creation and use of official results of intellectual activity;
- At least 2% of the volume of grant funding and at least 10% of the amount of license agreements / assignment agreements are allocated for the activities of technology commercialization offices in universities / research institutes).



- Weak business interest in scientific developments;
- Lack of trust of enterprises in domestic universities;
- Imperfection of legislation in the field of innovation implementation.



Thanks for attention!

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