

154
Countries

100 000
graduates

7400
International
Students

124th
position in QS WUR
Internationalization



RUDN
university

Progress Report to RUDN Action Plan in 2016

Brand Renewal

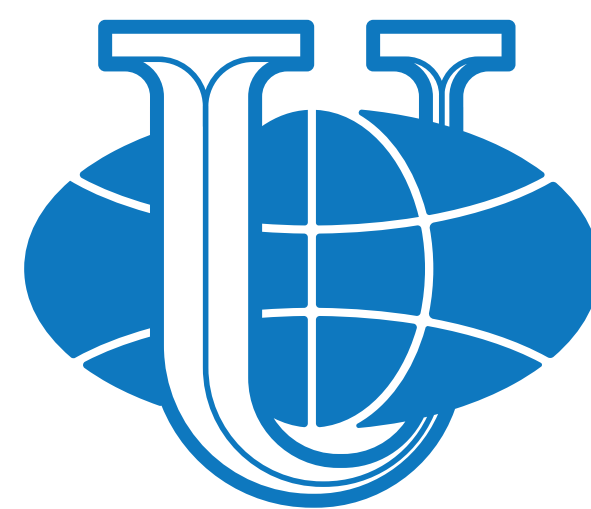
“Uniting people of different cultures
by knowledge RUDN University creates
leaders who make the World better

Research

Entrepreneurial

Global

Academic



RUDN
university

Discover the World in one University!

internationality

development

leadership

Global Education

Talented Students:

From Quantity to Quality

&

27 Olympiads

6 Languages

3 Russian language centers

10 Subject classes

Mathematics, Physics, Chemistry,
Biology, Russian Language

27 Countries



Students from Leading Universities

35 New double-degree Master
and PhD's programs

29 "Erasmus+" and exchange programs

773 Exchange students and PhD students

25 Internationally accredited programs

3 International summer schools

16 Countries



International LLL programs

15 new joint LLL programs

26 LLL distant programs

1600 trainees / **22** countries



Graduates' advance onto the international job market

Graduates' job placement system

Graduates' employment
agreements in **19** countries



Academic RUDN



Research RUDN

Transformation Mechanisms

From Teaching to Learning

- Students' self-studies increase by **4-5 hours per week**
- Teachers' classroom workload decrease by **17%**
- **NEW** RUDN telecommunication learning system
2800 students
600 professors

3 Simulation Learning Centers

- Health care
- Dentistry
- Pharmacy

Teaching Assistants

- **600** graduate and PhD students



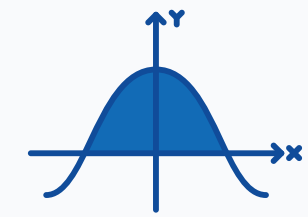


World Class Research Teams

8 Laboratories → Recognized scientists from leading universities    

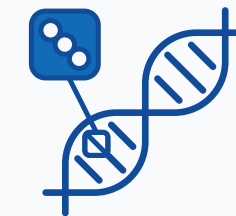
Research Areas  **2016 Outcomes**

Mathematic models of disease dynamics



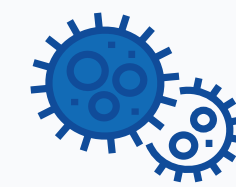
Handling dynamics of immune and infectious processes

Targeted drug delivery,
Metabolom technologies



Transbuccal pleurae with peptides — nanodelivery (international patent)

Infectious and parasitic diseases



New methods of determining the duration of HIV infection

5G network modeling



Models for 5G heterogeneity networks analysis

Cosmology, Spacecraft Operations



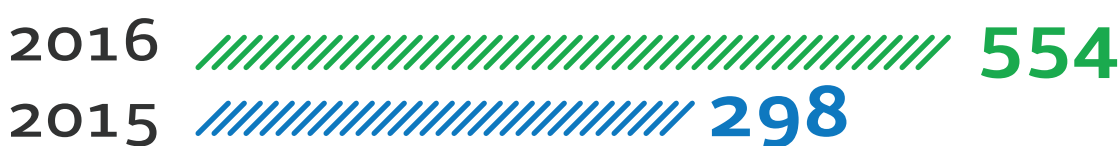
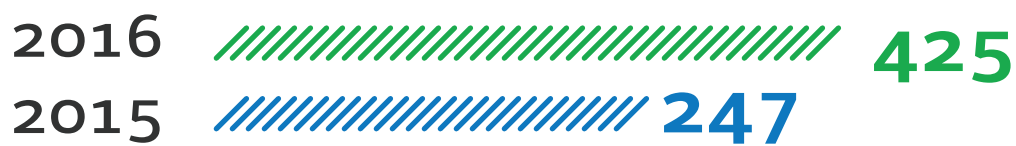
Satellite attitude control by fractal joystick



RUDN as Global Research University

Transformation Mechanisms

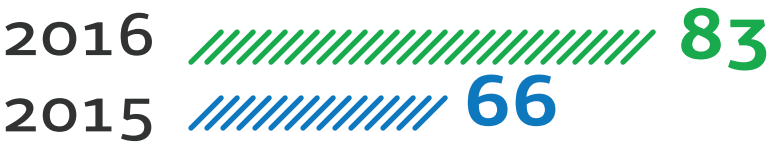
over **1.5** fold increase in the number of articles
in WoS in Scopus



33% Publications in Q1–Q2



Increase in intellectual products number



Research Success Stories
at the Elsevier and Springer
Nature

Research Reputation

138 conferences, **12 500** participants
585 participants of academic mobility programs
Membership in **15** international organizations

Youth Research on the Move

43% of master students

41% of PhD students

from other universities

77 postdoc positions

23 PhD advanced
program students



RUDN Global Research

Transformation Mechanisms

Support Publications

- Elsevier and Springer Nature Seminars
15
- Bonuses for publications in Q1, Q2 Scopus/WoS journals
160 recipients
- Bonuses to young researchers
217

Research Priorities: Mathematics and Chemistry

- Institute of Mathematics
- Institute of Applied Mathematics and Telecommunications
- United Institute for Research in Chemistry

Progress toward 3.0 University

- International space technology marketing Center with Roscosmos
- Open innovation Center with “Rostec”
- Earth remote sensing Center
- Institute of innovative engineering technologies
15 labs



Industry cooperation

- Roscosmos
 - Rostec
 - Rusnano
 - Trimble | USA
 - Tekla | Finland
 - Halliburton International GmbH | USA
 - Geographic Information Systems | Belarus
- Russia



RUDN University Management System

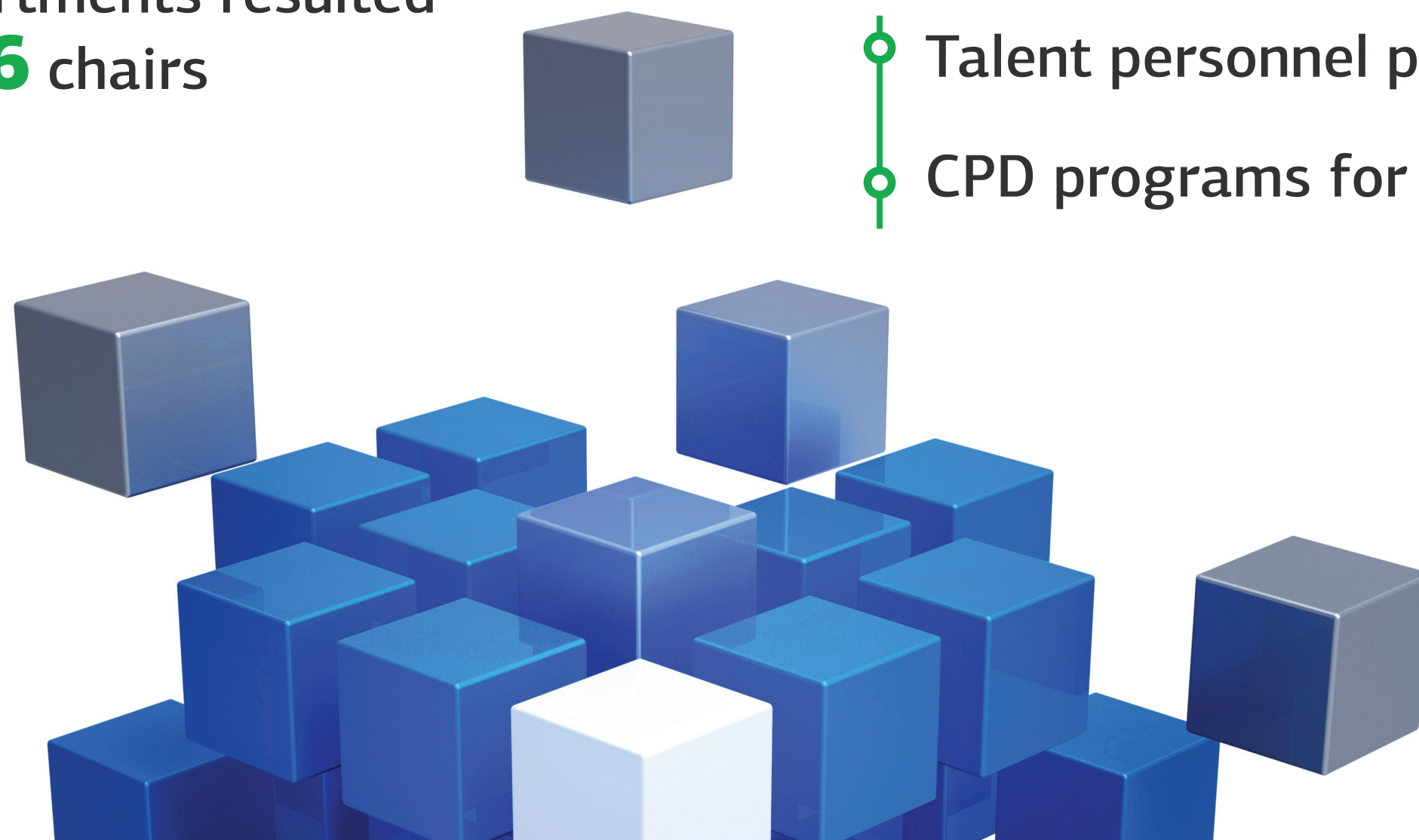
Transformation Mechanisms

Organization structure transformation

- International Expert Board
- **5** International Scientific Advisory Boards
- Engineering Academy
6 departments resulted from **16** chairs

Human Resources Development

- Open contest procedures for faculty and executives positions
- RUDN - TOP 30 HeadHunter rating: employers most popular with applicants
396 vacancies, **9591** applications
- Effective contract with administrative and academic staff
- Talent personnel pool «Top-management» - **130** members
- CPD programs for Talent Personnel Pool



Russian Well-known Brand → Global Brand

Transformation Mechanisms

New brand promotion in the Internet

- RUDN University in Facebook, Instagram, LinkedIn, Twitter
- Campaign "RUDN University Students in Social Media": over **300** posts with the hashtag **#rudnuniversity** in English, Spanish, Arabic
- Target campaigns in Asia, Africa, Latin America **600 000** reach
- RUDN programs on the portal "Study in Russia"



Olga Skudina's victory in the international Instagram competition QS STARS Student Photo Challenge



Tasks for 2017

Expanding RUDN global presence

- Admission of **3.000** int. students
- LLL programs in **35** countries
- New centers of Russian language and subject classes in **9** countries
- Internet Olympiads in **6** languages
- Graduates' employment in over **100** countries
- Live lessons from space
- RUDN website in French, Spanish, Arabic and Chinese



Priority R & D

- Satellite systems design, satellite attitude control system design
- Processing satellite data on Earth remote sensing
- Digital technology for production. Big Data Analysis Center (Super Computer 120 TrBt)
- Drones use to monitor agricultural land
- Mathematical models of thermonuclear fusion control
- Mathematical models for 5G Network
- Synthesis new effective drugs for the treatment of oncological and neuropsychiatric

Challenges

QS WUR Target – **501+**
Currently – **601+**

Average citation index per faculty member

WoS:

Target – **0.98**
Currently – **0.96**

Scopus:

Target – **1.34**
Currently – **1.28**

Share of international students Target – **34.6%**
Currently – **25.3%**

