

Science Diving Student marathon events calendar

29.03.21 16.00 Main Building, *the White Hall*

Team competition “Case Study”

Participants: 2nd - 6th year students

The number of participants in each team should not exceed 6 people.

The number of teams of this event is not limited

The teams will have to solve 6 interesting cases (tasks) in clinical disciplines (surgery, therapy, oncology, neurology, medical genetics, pediatrics)

The time to solve one case is 10 minutes

29.03.21 16.00 Building 2, classroom 1

Research lecture “How to organize and conduct a scientific search”

Participants: 1st year students

The number of participants is not limited

Graphic representation of the contents of the lecture or its part in the form of a structural and logical scheme using infographic methods

Competition for the best scheme of scientific research

30.03.21 16.00 Laboratory building, classroom 6-30 Poster presentation contest “The Role and Place of Immunotropic Drugs in the Pharmacotherapy of Viral Infections”

Participants: 3rd year students

The number of participants is not limited

30.03.21 at 15.00 Laboratory building, classroom 6-21

Science stream at the Research Institute of Molecular Medicine and Pathobiochemistry "From a wish to the article: 5 stages" (Ru/En)

Participants: 3rd-5th year students

The number of participants in one group is 4

Stage 1: instruction, problem statement, laboratory animal tests

31.03.21 at 15.00 Laboratory building, classroom 6-30

Announcement of Intramural Grants Competition - 2021 and Grant Writing Training Session

Project curator: Olga Anatolyevna Belova

Participants: 1st year postgraduate students

The number of participants is limited

from 01.04.21 to 30.04.21

Creative writing contest on the topic: Why do I (not) like histology?

Participants: 1st and 2nd year students

The number of participants is not limited

Written works must be submitted in electronic form on the website to Maxim Valerievich Dolgushin (Долгушин Максим Валерьевич) until 30.04.21
The best works will be awarded on 17.05.21

from 01.04.21 to 20.05.21

Interdisciplinary Case Competition "Scientific Laboratory" (En)

Participants: any student from KrasSMU can participate in the event

The number of participants is not limited

Stage 1: choosing the name of the laboratory and determining the work plan

Stage 2: presentation of teamwork results in English

The best team presentations will be awarded on 20.05.21 at the Department of Latin and Foreign Languages, classroom 501

01.04.21 15.00 Laboratory building, classroom 6-30

Lecture on biochemistry "Biomolecules 101: structure of proteins, lipids, carbohydrates, nucleic acids and their role in the human body".

Lecturer: Doctor of Medical Science, Professor Natalia Aleksandrovna Malinovskaya

Participants: 1st year students

The number of participants is not limited

01.04.21 15.00 Morphological Building, Department of Operative Surgery, 3rd floor

Cadaveric master class in surgery "Augmentation mammoplasty"

Participants: any student from KrasSMU can participate in the event

The number of participants in one group is 10

02.04.21 15.00 Laboratory building, classroom 6-21

Science stream at the Research Institute of Molecular Medicine and Pathobiochemistry "From a wish to the article: 5 stages" (Ru/En)

Participants: 3rd-5th year students

The number of participants in one group is 4

Stage 2: training at the operating room, animal anesthesia, intracardial perfusion

02.04.21 from 15.00 to 17.00 Laboratory building, 6th floor

Science stream in the Core Facility Center of Molecular and Cellular Technologies "On the way to scientific fame: 5 stages" (Ru/En)

Participants: 3rd-5th year students

The number of participants in one group is 2

The number of groups is 4, by topics: autism, neurodegeneration, infertility, bronchial asthma

Stage 1: literature review. Describe the clinical phenotype of the pathology. Form criteria for the selection of an experimental group of patients. The result is presented in the form of a presentation

05.04.21 from 15.00 to 17.00, Main building, office 4-22

"Lifehack" Psychological Quest in Medicine (Ru/En)

Participants: any student from KrasSMU can participate in the event

The number of participants in one group is 15

Number of groups is 4, by the topics: psychosomatics, communication skills, goal setting, psychological techniques

05.04.21 at 15.00 Main building, classroom 3

School of Young Scientist: "Research Design. Methods of collecting information and methodology of writing an article".

Lecturer: Doctor of Medical Science, Professor Natalia Aleksandrovna Malinovskaya

Participants: any student from KrasSMU can participate in the event

The number of participants is not limited

06.04.21 15.00 Laboratory building, classroom 6-21

Science stream at the Research Institute of Molecular Medicine and Pathobiochemistry "From a wish to the article: 5 stages" (Ru/En)

Participants: 3rd-5th year students

The number of participants in one group is 4

Stage 3: demonstration of fixed brain slice preparation

07.04.21 15.00 Main building, classroom 3

Lecture: "COVID-19. Course of the disease"

Lecturer: Doctor of Medical Science, Professor Irina Vladimirovna Demko

Participants: any student from KrasSMU can participate in the event

The number of participants is not limited

08.04.21 15.00 Laboratory building, Laboratory of Fundamental and Personalized Pharmacy, 1st floor

Workshop "Antiradical activity of rutin and ascorbic acid with stable radical DPPH"

Participants: any student from KrasSMU can participate in the event

The number: 5 students

08.04.21 15.00 Laboratory building, classroom 6-30

Lecture on biochemistry "Entertaining biochemistry"

What is the Warburg effect in biochemistry? What is it caused by? Is there insulin in the brain? (And many other interesting questions)

Lecturer: Doctor of Medical Science, Professor Natalia Aleksandrovna Malinovskaya

Participants: 1st and 2nd year students

The number of participants is not limited

09.04.21 15.00 Laboratory building, classroom 6-21

Science Stream at the Research Institute of Molecular Medicine and Pathobiochemistry "From a wish to the article: 5 stages" (Ru/En)

Participants: 3rd-5th year students
The number of participants in one group is 4
Stage 4: Immunohistochemical staining of free-floating brain sections

**09.04.21 from 15.00 to 17.00 Laboratory building, 6th floor
Science stream in the Core Facility Center of Molecular and Cellular
Technologies "On the way to scientific fame: 5 stages" (Ru/En)**

Participants: 3rd-5th year students
The number of participants in one group is 2
The number of groups is 4, by topics: autism, neurodegeneration, infertility,
bronchial asthma
Stage 2: Experiment design – representation of the result in the form of a study
design scheme

**12.04.21 15.00 Main Building, Department of Microbiology, 3rd floor
Poster presentation contest "Immunoprophylaxis of infectious
diseases"**

Participants: 1st year students (Faculty of Dentistry and Faculty of Pharmacy),
2nd year students (Faculty of Pediatrics and Faculty of General Medicine).
The number: group of 10 students

**12.04.21 15.00 Building 2, classroom 3-17
Poster presentation contest "Psychological and pedagogical portrait of
a future doctor"**

Assessment of students' individual works
Participants: 1st year students
The number of participants is not limited

**13.04.21 15.00 Main Building, Department of Microbiology
Role-playing game for determining resistant bacterial strains and
rational selection of antibacterial drugs**

Participants: any student from KrasSMU can participate in the event
The number: 5 students

**13.04.21 15.00 Main Building, classroom 3 Lecture " Robotics,
Exoskeletons in Neurorehabilitation: modern tendencies and
efficiency"**

Lecturer: Doctor of Medical Science, Professor, Semyon Vladimirovich
Prokopenko
Participants: any student from KrasSMU can participate in the event
The number of participants is not limited

**14.04.21 15.00 Simulation Center
Team training with the elements of practical training
"Emergency care in obstetrics"**

Participants: any student from KrasSMU can participate in the event

The number of participants in two groups is 10

14.04.21 15.00 Laboratory building, classroom 6-21

Science stream at the Research Institute of Molecular Medicine and Pathobiochemistry "From a wish to the article: 5 stages" (Ru/En)

Participants: 3rd-5th year students

The number of participants in one group is 4

Stage 5: preparation, its microscopy and practical significance

14.04.21 15.00 Main building, classroom 3

School of Young Scientist "Fundamentals of Medical statistics"

Lecturer: Doctor of Medical Science, Associate Professor Artem Nikolayevich Narkevich

Participants: any student from KrasSMU can participate in the event

The number of participants is not limited

14.04.21 15.00 Laboratory building, Laboratory of Fundamental and Personalized Pharmacy, 1st floor

Workshop "Antiradical activity of rutin and ascorbic acid with stable radical DPPH"

Participants: any student from KrasSMU can participate in the event

The number: 5 students

15.04.21 15.00 Morphological Building, Department of Operative Surgery, 3rd floor

Surgery master class (the nerve suture under a magnifying glass, the vascular suture under a microscope)

Participants: any student from KrasSMU can participate in the event

The number of participants in one group is 10

15.04.21 15.00 Main Building, Department of Microbiology

Role-playing game for determining resistant bacterial strains and rational selection of antibacterial drugs

Participants: any student from KrasSMU can participate in the event

The number: 5 students

15.04.21 15.00 laboratory building, classroom 6-30

Student's theoretical research contest on Molecular neurobiology and neurochemistry

Participants: 1st-4th year students

The number of participants is not limited

16.04.21 12.00 Pharmaceutical Building, Department of Latin and Foreign Languages, classroom 501

Master-class "Secrets of academic writing" (the rules for preparing English-language articles) (En)

Presenters: Candidate of Pedagogical Science, Associate Professor Oksana Alexandrovna Gavriyuk, Candidate of Philological Science, Associate Professor Marina Vladimirovna Trossel

Participants: 1st and 2nd year students

The number of participants is not limited

16.04.21 from 15.00 to 17.00 Laboratory building Science stream in the Core Facility Center of Molecular and Cellular Technologies "On the way to scientific fame" (Ru/En)

Participants: 3rd-5th year students

The number of participants in one group is 2

The number of groups is 4, by topics: autism, neurodegeneration, infertility, bronchial asthma

Stage 3: ELISA: features of sample preparation and isolation of the target molecule, statistical data processing The result must be presented graphically.

19.04.21 15.00 Laboratory building, Department of Histology, 7th floor History of scientific research at the Department of Histology

Students prepare reports under the teacher's guidance

Participants: 1st year students from all KrasSMU faculties

The number of participants: 10

19.04.21 16.00 Building of the Pharmaceutical College, Department of Latin and Foreign Languages, classroom 501

Master class "Secrets of academic writing in English" (En)

Presenters: Candidate of Pedagogical Science, Associate Professor Oksana Alexandrovna Gavriyuk, Candidate of Philological Science, Associate Professor Marina Vladimirovna Trossel

Participants: 1st year international students

The number of participants is not limited

20.04.21 15.00 Building 2, classroom 3-17 Festival of research projects in Pedagogy

Press conference, 5-10 min. reports

Participants: 1st and 2nd year students

The number of participants is limited

21.04.21 15.00 Main building, classroom 3

School of Young Scientist "Receiving grant is simple. Make your first application"

Lecturer: Olga Anatolyevna Belova

Participants: any student from KrasSMU can participate in the event

The number of participants is not limited

21.04.21 from 15.00 to 17.00 Simulation Center

Team practical training "Emergency medical team on duty"

Participants: any student from KrasSMU can participate in the event

The number: group of 10 students

22.04.21 15.00 Laboratory building, Department of Histology, 7th floor Praxis-training in Histology

Students are divided into groups and individually participate in studying reactions on preparations. Presentations are prepared based on the results of the study

Stage 1: instruction, choosing methods

Participants: 1st year students

Number of participants: 4 groups of 3 students

22.04.21 15.00 Laboratory building, classroom 6-30

Lecture on biochemistry "Revolutionary biochemistry: methods based on the use or regulation of biochemical processes in the body: PET/SPECT, and optogenetics"

Lecturer: Doctor of Medical Science, Professor Natalia Aleksandrovna Malinovskaya

Participants: 2nd-3rd year students

The number of participants is not limited

23.04.21 from 15.00 to 17.00 Laboratory building

Science Stream in the Core Facility Center of Molecular and Cellular Technologies "On the way to scientific fame" (Ru/En)

Participants: 3rd-5th year students

The number of participants in one group is 2

The number of groups is 4, by topics: autism, neurodegeneration, infertility, bronchial asthma

Stage 4: financial aspect of the experiment: time and financial costs, roadmap of the stages, grant application. Successful participants will be included in the research team

23.04.21 15.00 Laboratory building, Department of Histology, 7th floor Praxis-training in Histology

Students are divided into groups and individually participate in studying reactions on preparations. Presentations are prepared based on the results of the study

Stage 2: histochemical reactions and micro-preparation

Participants: 1st year students

Number of participants: 4 groups of 3 students

23.04.21 - 26.04.21 Website of the Department of Latin and Foreign Languages (online)

Linguistic Internet Marathon "Language of Science" (Ru/En)

Participants: any student from KrasSMU can participate in the event

The number of participants is not limited
Winners will be awarded on 27.04.21

23.04.21 from 00.00 to 24.00 Website of the Department of Latin and Foreign Languages (online)

Linguistic Internet Marathon "Language of Science". Part 1. Online quiz on the culture of scientific speech in Russian (Ru)

Participants: any student from KrasSMU can participate in the event
The number of participants is not limited

24.04.21 from 00.00 to 24.00 Website of the Department of Latin and Foreign Languages (online)

Linguistic Internet Marathon "Language of Science". Part 2. Online Quiz on Academic English (in English) (En)

Participants: any student from KrasSMU can participate in the event
The number of participants is not limited

25.04.21 from 00.00 to 24.00 Website of the Department of Latin and Foreign Languages (Online)

Linguistic Internet Marathon "Language of Science". Part 3. Online quiz on the Latin language and medical terminology (Ru/En)

Participants: any student from KrasSMU can participate, including 1st-year international students
The number of participants is not limited

26.04.21 from 00.00 to 24.00 Website of the Department of Latin and Foreign Languages (online)

Linguistic Internet Marathon "Language of Science". Part 4. Online quiz on Russian as a foreign language (En)

Participants: 1st year international students
The number of participants is not limited

26.04.21 15.00 Simulation Center

Surgical main stream "Laparoscopic surgery"

Participants: any student from KrasSMU can participate in the event
The number of participants in one group is 10

27.04.21 15.00 Main building, classroom 3

School of Young Scientist "Scientific report. How to make a presentation"

Lecturer: 6th year student Gulburak Abdykerimova
Participants: any student from KrasSMU can participate in the event
The number of participants is not limited

28.04.21 15.00 Building 2, Karla Marksa street 124, 1st floor, classroom 2-20

Science slam on medical genetics "MicroRNA in Epilepsy"

Stage 1: quiz

Participants: any student from KrasSMU can participate in the event

The number of participants is not limited

28.04.21-29.04.21 15.00 Department of Pharmacology Olympiad "Antimicrobial Medicines"

28.04 15.00 Stage 1: testing on the website, working on practical skills: prescribing, determining group membership and calculating drug doses.

29.04 15.00 Stage 2: case problems

Participants: 3rd-5th year students

The number of participants is not limited

28.04.21 from 15.00 to 17.00 Main building, office 4-22

"Lifhack" Psychological Quest in Medicine (Ru/En)

Participants: any student from KrasSMU can participate in the event

The number of participants in one group is 15

Number of groups is 4, by the topics: psychosomatics, communication skills, goal setting, psychological techniques

29.04.21 15.00 Morphological Building, Department of Operative Surgery, 3rd floor

Cadaveric master class in surgery "Laporoscopic appendectomy"

Participants: any student from KrasSMU can participate in the event

The number of participants in one group is 10

29.04.21 at 15.00 Laboratory building, classroom 6-30

Inter-faculty Olympiad in Biochemistry: "Biochemistry of organs and tissues"

Participants: 2nd-3rd year students

The number of participants is not limited

30.04.21 15.00 Morphological Building, Russian-German Laboratory Master class in surgical technique (tendon, nerve and artery suture)

Participants: any student from KrasSMU can participate in the event

The number of participants in one group is 10

30.04.21 from 15.00 to 17.00 Laboratory building

Science stream in the Core Facility Center of Molecular and Cellular Technologies "On the way to scientific fame" (Ru/En)

Participants: 3rd-5th year students

The number of participants in one group is 2

The number of groups is 4, by topics: autism, neurodegeneration, infertility, bronchial asthma

Stage 5: conversation with a guru or professor's master class

- 1) On the topics: "Autism" and "Neurodegeneration" – video conference with professor
- 2) On the topics of "Infertility" and "Bronchial asthma" - professor's master class

04.05.21 15.00 Main building, classroom 3

School of Young Scientist "Modern scientometric databases"

Lecturer: Head of the scientific library Lyudmila Mikhailovna Mailova

Participants: any student from KrasSMU can participate in the event

The number of participants is not limited

04.05.21-11.05.21-18.05.21 17.00 Laboratory building, classroom 4-19

Laboratory work and scientific research "Determination of glucose amount in blood and urine"

3 stages: laboratory work, processing of results, and preparation of abstracts to a scientific article in Russian or English

Participants: 1st-3rd year students

The number: group of 10 students

05.05.21 15.00 Laboratory building, Department of Histology, 7th floor

Praxis-training in Histology

Students are divided into groups and individually participate in studying reactions on preparations. Presentations are prepared based on the results of the study

Stage 3: students' presentations, discussion

Participants: 1st year students

Number of participants: 4 groups of 3 students

05.05.21 15.00-16.00 Testing on the Website Hygienic Dictation on the Topic «Hygiene through the eyes of future doctors»

Stage 1: 50 questions for 60 minutes

Stage 2: 07.05.21 dictation

Participants: any student from KrasSMU can participate in the event

The number of participants is not limited

06.05.21 15.00 Main Building, Department of Pharmacology

Conference "Pharmacotherapy of Emergency conditions"

Stage 1: the qualifying round, presentation and report with video support should be sent by 05.05.21 to the address: tabletka_00@mail.ru

Stage 2: conference

Participants: 3rd-5th year students from the Faculty of Dentistry

The number of participants is not limited

06.05.21-13.05.21-20.05.21 15.00 Laboratory building, classroom 4-19

Laboratory work and scientific research "Determination of glucose amount in blood and urine"

3 stages: laboratory work, processing of results, and preparation of abstracts to a scientific article in Russian or English

Participants: 1st-3rd year students

The number: group of 10 students

07.05.21 15.00-16.00 Main Building, Department of Hygienic, 4 th floor Hygienic Dictation on the Topic «Hygiene through the eyes of future doctors»

Stage 2: 07.05.21 dictation

Participants: any student from KrasSMU can participate in the event

The number of participants is not limited

07.05.21 15.00 Building 2, Karla Marksa street 124, 1st floor, classroom 2-20

Science slam on medical genetics "MicroRNA in Epilepsy"

Stage 2: workshop on DNA isolation

Participants: any student from KrasSMU can participate in the event

The number: 5 students

11.05.21 15.00 Building 2, Karla Marksa street 124, 1st floor, classroom 2-20

Science slam on medical genetics "MicroRNA in Epilepsy"

Stage 2: workshop on DNA isolation

Participants: any student from KrasSMU can participate in the event

The number: 5 students

12.05.21 at 15.00 Main building, classroom 3, Dialogue not on an equal footing

Lecturer: Doctor of Medical Science, Professor, Semyon Vladimirovich Prokopenko

Participants: any student from KrasSMU can participate in the event

The number of participants is not limited

13.05.21 15.00-17.00 Morphological Building, Department of Operative Surgery, 3rd floor

Master class in surgery "Ultrasound anatomy of the abdominal organs"

Participants: any student from KrasSMU can participate in the event

The number of participants in one group is 10

13.05.21 15.00 Main Building, Department of Pharmacology Conference "Pharmacotherapy of Emergency conditions"

Stage 1: the qualifying round, presentation and report with video support should be sent by 05.05.21 to the address: tabletka_00@mail.ru

Stage 2: conference

Participants: 3rd-5th year students from the Faculty of General Medicine

The number of participants is not limited

14.05.21 15.00 Laboratory building, classroom 6-30

Round table " Evolutionary and religious anthropology pro et contra" (Ru/En)

Participants: any student from KrasSMU can participate in the event

The number of participants is not limited

14.05.21 15.00 Laboratory building, Laboratory of Fundamental and Personalized Pharmacy, 1st floor

Workshop "Antiradical activity of rutin and ascorbic acid with stable radical DPPH"

Participants: any student from KrasSMU can participate in the event

The number: 5 students

17.05.21 15.00 Main Building, Department of Pharmacology

Conference "Pharmacotherapy of Emergency conditions"

Stage 1: the qualifying round, presentation and report with video support should be sent by 05.05.21 to the address: tabletka_00@mail.ru

Stage 2: conference

Participants: 3rd-5th year students of the Pediatric faculty

The number of participants is not limited

17.05.21 16.00 Building of the Pharmaceutical College, classroom 501

Interdisciplinary Case Competition "Scientific Laboratory" (En)

Participants: any student from KrasSMU can participate in the event

The number of participants is not limited

Stage 1: choosing the name of the laboratory and determining the work plan

Stage 2: presentation of teamwork results in English

Summing up the results of the competition as of 20.05.21 at the Department of Latin and Foreign Languages

18.05.21 15.00 Building of the Pharmaceutical College, classroom 501

Round-table student conference "Scientific Dialogue" (Ru/En)

Participants: any student from KrasSMU can participate in the event

The number of participants is not limited

19.05.21 15.00-16.00 Main Building, Department of Hygienic, 4th floor

Master class «Hygienic examination of the indoor air»

Participants: any student from KrasSMU can participate in the event

The number: 20 students

19.05.21 15.00 Building 2, Karla Marksa street 124, 1st floor, classroom 2-20

Science slam on medical genetics "MicroRNA in Epilepsy"

Stage 3: discussion and summing up

Participants: any student from KrasSMU can participate in the event

The number of participants is not limited

20.05.21 from 15.00 to 17.00 Main building, office 4-22

"Lifehack" Psychological Quest in Medicine (Ru/En)

Participants: any student from KrasSMU can participate in the event

The number of participants in one group is 15

Number of groups is 4, by the topics: psychosomatics, communication skills, goal setting, psychological techniques

**21.05.21 15.00 Main Building, Department of Microbiology, 3rd floor
Contest of comics (infographics) on the topic: "Microbiological diagnostics of infectious diseases"**

Participants: any student from KrasSMU can participate in the event

The number of participants is not limited

21.05.21 16.00 Laboratory building, classroom 6-30

Inter-faculty Olympiad in Biochemistry "Oxidative Stress and anti-oxidants"

Participants: 2nd-3rd year students

The number of participants is not limited

**24.05.21 15.00 Main Building, Department of Pharmacology, 4th floor
Role-playing game "Clinical Pharmacology with Pharmaceutical Consulting"**

Participants: 4th-5th year students of the Faculty of Pharmacy

The number of participants is not limited

24.05.21 14.00 Main building, Conference Hall

Student's work of the year contest named after prof. P.G. Podzolkov

25.05.21 11.00 Main building, Conference Hall

Contest "Best Healthcare Organizer" in the memory of V. K. Sologub

25.05.21 14.00 Main building, Conference Hall

Contest "The best scientific idea" named after prof. V. A. Rudnev

26.05.21 11.00 Main building, Conference Hall

Surgical contest named in the memory of V. F. Voino-Yasenetsky

26.05.21 14.00 Main building, Conference Hall

Internal Medicine contest named after prof. V. A. Opaleva-Stegantseva

27.05.21 11.00 Main building, Conference Hall
Student's work of the year contest named after prof. I. I. Gitelzon

29.05.21 16.00 Main Building, White Hall
Scientific Diving-2021 Award Ceremony