

# Science Diving Student marathon events calendar

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**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 Gavriluk, 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 Gavriluk, 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  
"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

**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](mailto: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](mailto: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, 3<sup>rd</sup> 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, 4<sup>th</sup> 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**