



ქუთაისის  
უნივერსიტეტი

# STUDENT RESEARCH WEEK 2024

11-17 JUNE



**JUNE 11 – 11:00 – 12:00**

## **HISTORY OF DEVELOPMENT OF VETERINARY MEDICINE IN GEORGIA**

### **SPEAKER**

**Prof. Maia Kereselidze (EU)**

### **DESCRIPTION**

The purpose of the meeting is to introduce students to the history of the development of veterinary medicine in Georgia. From time immemorial, the Georgian nation has had its own philosophical outlook on life and its origin, as well as on animal and human illness, death, their causes, and ways to prevent them. Monuments of material culture dating back to the second millennium BC, along with Georgian ethnographic and folklore material show us that in ancient times Georgia was known not only as a country of diverse medicinal plants but also as a birthplace of biological ideas.

### **WORKING LANGUAGE**

**Georgian**

### **VENUE**

**European University, 76 Guramishvili avenue, Room 403**

**JUNE 11 – 12:00 – 13:00**

## **COMMON MEDICINAL PLANTS IN GEORGIA**

### **SPEAKER**

Assoc. Prof. Rusudan Uridia (EU)

### **DESCRIPTION**

The purpose of the meeting is to introduce students common medicinal plants in Georgia. Humans have been in direct contact with nature for centuries, utilizing the plant wealth derived from it as vitamin-rich food and remedies for pain relief caused by various injuries and diseases. More than a third of medicinal products are of plant origin or are directly related to plants. There is a large group of remedies in which herbal preparations are dominant or one of the most important components. The range of medicinal plants used by modern European and international scientific medicine has been gradually formed over time. Most of these plants have a centuries-old history and have been known since ancient times. Georgia is rich in flora and is, therefore, one of the wealthiest countries in terms of its organic world of plants. The peculiarity and diversity of plant distribution are determined by ecological conditions, variety of air and terrain, geological structure, geographical location, paleogeographic past (the history of the formation of the organic world), and human influence. There are 5,000 species of plants in Georgia, and many of them are interesting from a healing perspective for both humans and animals. The study of these plants remains relevant and important in terms of understanding their effectiveness.

### **WORKING LANGUAGE**

Georgian

### **VENUE**

European University, 76 Guramishvili avenue, Room 403

**JUNE 11 – 12:00 – 13:00**

## **BITCOIN – THE CURRENT SITUATION AND EXPECTATIONS**

### **SPEAKER**

Assist. Prof. Davit Kipshidze (EU)

### **DESCRIPTION**

The purpose of the meeting is to introduce the working principles of blockchain technology to the interested parties. Important issues such as Bitcoin halving, the current situation, and expectations will be discussed at the meeting.

### **WORKING LANGUAGE**

Georgian

### **VENUE**

European University, 76 Guramishvili avenue, Room 204

**JUNE 11 – 13:00 -14:00**

## **PRINCIPLES OF CLINICAL TRIALS**

### **SPEAKER**

Melania Godoladze (UNIK)

### **DESCRIPTION**

The purpose of the workshop is to introduce the principles of clinical trials. The purpose of clinical trials is to determine whether this or that medical intervention is safe and effective for patients. During the workshop, students will be introduced to the questions that are most often used in clinical trials.

### **WORKING LANGUAGE**

English

### **VENUE**

Kutaisi University, Tsereteli st. 13, Conference Room

**JUNE 11 – 14:00 – 15:00**

## **CONDUCTING RESEARCH: ETHICS, MISCONDUCT, AND TRUST**

### **SPEAKER**

Gvantsa Jichoshvili (EU, UNIK)

### **DESCRIPTION**

The aim of the workshop is to introduce the principles of ethical research design and conduct. In particular, the following issues will be discussed at the workshop: data management, examples of unethical research, dissemination of research results, integrity of research, etc. This workshop will be interesting for those students who are currently working on a research project or are planning to carry out research.

### **WORKING LANGUAGE**

Georgian

### **VENUE**

Online  
<https://us02web.zoom.us/j/88995718847>  
Meeting ID 889 9571 8847

**JUNE 11 – 15:00 – 16:30**

## **SCIENTIFIC SOURCES AND THE USAGE OF REFERENCE MANAGEMENT TOOL – MENDELEY**

### **SPEAKER**

Assistant Prof. Giga Khositashvili (Ilia State University)

### **DESCRIPTION**

The purpose of the meeting is to introduce the academic style issues to all interested individuals. The following topics will be discussed - scientific sources and their reliability, bibliography compilation rules, citation and referencing according to APA (American Psychological Association) academic style. In addition to this, we will demonstrate the usage of reference management system – Mendeley. This program is used in the process of preparing a scientific paper and allows us to automatically check sources and compile a bibliography according to a predetermined academic style. The meeting will be interesting for students who plan to write a thesis or an academic paper.

### **WORKING LANGUAGE**

Georgian

### **VENUE**

Online  
<https://us02web.zoom.us/j/88066630712>  
Meeting ID 880 6663 0712

**JUNE 11 – 16:50 – 17:50**

## **ARTIFICIAL INTELLIGENCE – SPRING AFTER TWO WINTERS**

### **SPEAKER**

Assoc. Prof. Zurab Kutchava (EU)

### **DESCRIPTION**

The relationship between artificial and natural intelligence: the beginning of the journey. The first spring encounters the initial difficulties and constraints, leading to the “first winter” in the 1970s and 1980s. The second spring and the “second winter” occurred in the late 1980s and early 1990s. We experienced another spring in the first decades of the 21st century. Is AI a defining force poised to change the fabric of our existence, or are we at the beginning of another winter?

### **WORKING LANGUAGE**

Georgian

### **VENUE**

Online

<https://us02web.zoom.us/j/87926065133>

Meeting ID 879 2606 5133



**JUNE 11 – 17:00 – 18:00**

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### **SPEAKER**

Gvantsa Jichoshvili (EU, UNIK)

### **DESCRIPTION**

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### **WORKING LANGUAGE**

English

### **VENUE**

Online

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Meeting ID 889 9571 8847



**JUNE 11 – 18:00 – 19:00**

## **ALGORITHMS THAT CREATE THE WORLD**

### **SPEAKER**

Assoc. Prof. Zurab Kutchava (EU)

### **DESCRIPTION**

Several algorithms have played a crucial role in shaping the world of information technology: Sorting algorithms: Fundamental to data processing, sorting algorithms such as Quicksort, Merge Sort, and Heap Sort are essential in a variety of applications, from databases to search engines.

RSA Algorithm: The cornerstone of modern cryptography, the RSA algorithm provides secure communication on the Internet through public key encryption, ensuring privacy and integrity in online transactions.

Backpropagation: Crucial for training artificial neural networks, backpropagation is an efficient algorithm for computing gradients that enables the optimization of deep learning models, advancing fields such as computer vision, natural language processing, and robotics.

### **WORKING LANGUAGE**

Georgian

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Meeting ID 879 2606 5133

**JUNE 12 – 12:00 – 13:00**

## **HOW TO WORK IN LABORATORY**

### **SPEAKER**

Lali Chkhikvadze (UNIK)

### **DESCRIPTION**

The workshop is intended for all students who are interested in biological sciences, medicine or veterinary medicine. At the workshop you will get to know more on the following topics:

- Types of laboratories, their purpose;
- Biosafety levels in research and clinical laboratories;
- Pathogens and risk groups; Laboratory work rules, labeling;
- Biologically hazardous waste and their management: waste collection, transportation, treatment methods.

### **WORKING LANGUAGE**

English

### **VENUE**

Kutaisi University, Tsereteli st. 13, Room 303

**JUNE 12 – 14:00 – 15:00**

## **SCIENTIFIC JOURNALS: SELECTING AND PUBLISHING**

### **SPEAKER**

Gvantsa Jichoshvili (EU, UNIK)

### **DESCRIPTION**

The aim of the workshop is to familiarize students with databases of scientific journals (Scopus, DOAJ, Web of Science, etc.) and strategies for selecting appropriate scientific journals for publication. The stages of publication of the paper will also be discussed at the workshop.

### **WORKING LANGUAGE**

Georgian

### **VENUE**

Online

<https://us02web.zoom.us/j/88995718847>

Meeting ID 889 9571 8847

**JUNE 12 – 15:00 – 16:30**

## **SCIENTIFIC SOURCES AND THE USAGE OF REFERENCE MANAGEMENT TOOL – MENDELEY**

### **SPEAKER**

Assistant Prof. Giga Khositashvili (Ilia State University)

### **DESCRIPTION**

The purpose of the meeting is to introduce the academic style issues to all interested individuals. The following topics will be discussed - scientific sources and their reliability, bibliography compilation rules, citation and referencing according to APA (American Psychological Association) academic style. In addition to this, we will demonstrate the usage of reference management system – Mendeley. This program is used in the process of preparing a scientific paper and allows us to automatically check sources and compile a bibliography according to a predetermined academic style. The meeting will be interesting for students who plan to write a thesis or an academic paper.

### **WORKING LANGUAGE**

English

### **VENUE**

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<https://us02web.zoom.us/j/88066630712>  
Meeting ID 880 6663 0712

**JUNE 12 – 17:00 – 18:00**

## **SCIENTIFIC JOURNALS: SELECTING AND PUBLISHING**

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### **DESCRIPTION**

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English

### **VENUE**

Online  
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Meeting ID 889 9571 8847

**JUNE 12 – 17:00 – 18:00**

## **HOW TO WORK IN LABORATORY**

### **SPEAKER**

Assoc. Prof. Natia Karumidze (EU)

### **DESCRIPTION**

The following workshop is dedicated to the discussion of the rules that relate to almost every laboratory and should be included in most safety policies. Also, what type of equipment and methods can be used for different scientific purposes and research topics will be discussed.

### **WORKING LANGUAGE**

Georgian

### **VENUE**

European University, Sarajishvili st. 17, Room 507

**JUNE 12 – 18:00 – 19:00**

## **HOW TO WORK IN LABORATORY**

### **SPEAKER**

Assoc. Prof. Natia Karumidze (EU)

### **DESCRIPTION**

The following workshop is dedicated to the discussion of the rules that relate to almost every laboratory and should be included in most safety policies. Also, what type of equipment and methods can be used for different scientific purposes and research topics will be discussed.

### **WORKING LANGUAGE**

English

### **VENUE**

European University, Sarajishvili st. 17, Room 507



**JUNE 13 – 10:00 – 11:00**

## **THE ROLE OF LEONARDO DA VINCI IN THE HISTORY OF THE DEVELOPMENT OF**

### **SPEAKER**

Prof. Nino Milashvili (EU)

### **DESCRIPTION**

The purpose of the meeting is to introduce students to the role of Leonardo da Vinci—one of the greatest figures of the Italian Renaissance, an Italian painter, sculptor, architect, scientist, and engineer—in the history of the study of anatomy.

### **WORKING LANGUAGE**

Georgian

### **VENUE**

European University, Guramishvili avenue 76, Room 403

**JUNE 13 – 12:00 – 13:00**

## **HOW TO PREPARE AN ABSTRACT**

### **SPEAKER**

Gvantsa Jichoshvili (EU, UNIK)

### **DESCRIPTION**

The aim of the workshop is to familiarize students with the rules for preparing an abstract of scientific paper. Abstract structure, writing style, different types of abstracts and examples will be discussed. The workshop will be interesting for students who plan to publish a scientific paper or present a scientific paper at a scientific conference.

### **WORKING LANGUAGE**

Georgian

### **VENUE**

Online  
<https://us02web.zoom.us/j/88995718847>  
Meeting ID 889 9571 8847

**JUNE 13 – 14:00 – 15:00**

## **HOW TO PREPARE AN ABSTRACT**

### **SPEAKER**

Gvantsa Jichoshvili (EU, UNIK)

### **DESCRIPTION**

The aim of the workshop is to familiarize students with the rules for preparing an abstract of scientific paper. Abstract structure, writing style, different types of abstracts and examples will be discussed. The workshop will be interesting for students who plan to publish a scientific paper or present a scientific paper at a scientific conference.

### **WORKING LANGUAGE**

English

### **VENUE**

Online  
<https://us02web.zoom.us/j/88995718847>  
Meeting ID 889 9571 8847

**JUNE 13 – 15:00 – 16:00**

## **QUALITATIVE/QUANTITATIVE RESEARCH METHODS, DATA COLLECTION TOOLS**

### **SPEAKER**

Assistant Prof. Eka Kokhreidze (EU)

### **DESCRIPTION**

The workshop aims to discuss two main research methods; The advantages and disadvantages of the mentioned methods, selection criteria, data collection methods, and tools will be described for each type of research. The workshop will give attendees an opportunity to see the fundamental difference between qualitative and quantitative research.

### **WORKING LANGUAGE**

Georgian

### **VENUE**

European University, Sarajishvili st. 17, Room 507

**JUNE 13 – 16:00 – 17:00**

## **QUALITATIVE/QUANTITATIVE RESEARCH METHODS, DATA COLLECTION TOOLS (QUESTIONNAIRE, INTERVIEW)**

### **SPEAKER**

Assistant Prof. Eka Kokhreidze (EU)

### **DESCRIPTION**

The workshop aims to discuss two main research methods; The advantages and disadvantages of the mentioned methods, selection criteria, data collection methods, and tools will be described for each type of research. The workshop will give attendees an opportunity to see the fundamental difference between qualitative and quantitative research.

### **WORKING LANGUAGE**

English

### **VENUE**

European University, Sarajishvili st. 17, Room 507

**JUNE 13 – 17:00 – 18:00**

## **EFFECTIVE COMMUNICATION SKILLS IN MEDICINE**

### **SPEAKER**

Marine Davituliani (UNIK)

### **DESCRIPTION**

In the modern era, the provision of high-quality medical services is crucial, with patient satisfaction being the primary indicator. Medical personnel often demonstrate excellent technical competence; however, they tend to pay less attention to communication with patients and the development of relevant skills. Addressing these communication gaps allows a medical institution to position itself in the market as patient-oriented, tailored to the patient's needs, and to gain a competitive advantage.

### **WORKING LANGUAGE**

English

### **VENUE**

Kutaisi University, Tsereteli st. 13, Conference Room



**STUDENT RESEARCH WEEK 2024**

**JUNE 14**

**STUDENT CONFERENCE  
(FACULTY OF MEDICINE)**

**KUTAISI UNIVERSITY - UNIK**



**JUNE 14 – 12:00 – 14:00**

**AFTERNOON MOVIE (TBA)**

**EUROPEAN UNIVERSITY - EU**

**VENUE**

European University, Sarajishvili st.17, Room 702



**JUNE 14 – 17:00 – 19:00**

**AFTERNOON MOVIE (TBA)**

**KUTAISI UNIVERSITY – UNIK**

**VENUE**

Kutaisi University, Tsereteli st. 13, Library

STUDENT RESEARCH WEEK 2024

JUNE 17

**STUDENT CONFERENCES AT THE  
FACULTIES**

**EUROPEAN UNIVERSITY – EU**