



**UNIVERSITY OF BELGRADE**  
**FACULTY OF VETERINARY MEDICINE**  
**IX SUMMER SCHOOL FOR MOUNTAIN ANIMAL BREEDING**  
**Stara Planina, 17.07–15.08.2022.**

The 9th Summer School for mountain animal breeding entitled "Protection of Agrobiodiversity and Preservation of Autochthonous Breeds of Domestic Animals" will be organized from 17 July 2022 to 27 July 2022, for undergraduate students of veterinary medicine (fourth, fifth or sixth year of study) from Serbia and from abroad.

### **Background**

Faculty of Veterinary Medicine, University of Belgrade founded the Education Centre for Mountain Animal Breeding at Balkan Mountain (Stara Planina) in aim to develop practical skills and broaden knowledge in land based organic animal production system designed upon traditional extensive animal breeding of autochthonous breeds/types included in the program of agrobiodiversity conservation, under pressure of climate change that is affecting the South/East Europe. Extramural Base for Mountain Animal Breeding of the Faculty of Veterinary Medicine, University of Belgrade is situated in village Gornji Krivodol within the zone of the protected nature in the Nature Park "Stara planina" near the Serbian-Bulgarian border. The premise is at altitude of 860 m where from, mountain pastures used for grazing of locally adapted /autochthonous sheep, goats, cattle, water buffalo, domestic mountain pony and donkeys raise towards the altitude of 1600-2000 m.

### **Aims**

The broadening of the knowledge of undergraduate students in the field of eco-friendly land-based organic animal production designed upon extensive mountain pasture breeding tradition, training in the fields of the legislative frame of organic production, exploitation and health control in organic animal production and training in quality and hygiene of organic animal products. The introductory in autochthonous domesticated biodiversity of the Serbia and Balkan as locally adapted, sturdy and disease resistant resource suitable for the preservation of agro-ecosystem and organic breeding is also included in the programme.

### **INTERNATIONAL SUMMER SCHOOL**

<b>TITLE:</b>	<b>CONSERVATION OF AGROBIODIVERSITY AND PRESERVATION OF AUTOCHTHONOUS ANIMAL BREEDS OF DOMESTIC ANIMALS, Stara Planina</b> 17th, July 2022 – 27th, July 2022
<b>NUMBER OF ATENDEES:</b>	6 students from abroad and 6 students from Serbia
<b>LANGUAGE</b>	English

## **PROGRAMME**

### **17.07.2022. BELGRADE**

- 09:00 Tour at the Faculty of Veterinary Medicine, Introduction to Experimental Workshop for Meat Processing and Social Animal Clinic.
- 10:00 Departure from the Faculty of Veterinary Medicine, Belgrade
- Afternoon Arrival at Gornji Krivodol, Stara Planina, accommodation at the Dormitory

### **18.07.2022. VRELO – VIZITORS CENTER “STARA PLANINA”**

- 09:00–10:30 THE ROLE OF THE TEACHING BASE OF THE FACULTY OF VETERINARY MEDICINE IN THE CONSERVATION OF AGROBIODIVERSITY AND PRESERVATION OF AUTOCHTHONOUS BREEDS IN SERBIA  
Ružica Trailović
- 11:00–12:00 THE IMPORTANCE OF NATURE PARK „STARA PLANINA” IN THE CONSERVATION OF BIODIVERSITY: THE DIVERSITY OF THE FOREST AND GRASSLAND HABITATS AND FAUNA ON STARA PLANINA  
Darko Đorđević
- 12:00–13:30 AGROBIODIVERSITY AND AGROECOTOURISM  
Sergej Ivanov
- 15:00–18:00 Visit to Vrelo nature site, introduction to the 1st grade Zone of protected nature, Dojkinacka river valley, Tupavica waterfall, visit to Serbian mountain pony farm in Izatovci and Sheep farm in Bele vode

### **19.07.2022. GORNJI KRIVODOL**

- 09:00–10:30 AGROBIODIVERSITY AND AUTOCHTHONOUS ANIMAL PARK - DIMITROVGRAD MUNICIPALITY  
Sergej Ivanov
- 10:30–12:00 IMPORTANCE OF BIODIVERSITY PRESERVATION  
Ružica Trailović, Darko Đorđević
- 12:30–14:00 AUTOCHTHONOUS DOMESTIC ANIMAL BREEDS AND CONSERVATION STATUS IN SERBIA AND REGION  
Ružica Trailović
- 17:00–19:00 WORKSHOP: PROCESSING OF MEAT  
Nikola Čobanović

### **20.07.2022. GORNJI KRIVODOL**

- 09:00–10:30 CHARACTERIZATION OF AUTOCHTHONOUS ANIMALS IN SERBIA  
Darko Davitkov
- 11:00–12:30 BIOTECHNOLOGICAL PROCEDURES IN AUTOCHTHONOUS ANIMAL BREEDING AND THE IMPORTANCE FOR ANGR CONSERVATION  
Vladimir Magaš
- 12:30–14:00 SUSTAINABILITY OF ANIMAL GENETIC RESOURCES BREEDING – ORGANIC, GEOGRAPHICALLY CERTIFIED PRODUCTION OF FOOD  
Ružica Trailović

- 17:00-19:30 Busha farm visit
- 21.07.2022. GORNJI KRIVODOL**
- 09:00–10:00 ORGANIC ANIMAL BREEDING – SUSTAINABLE BREEDING OF AUTOCHTHONOUS DOMESTIC ANIMALS  
Ružica Trailović
- 10:30–12:00 NATIONAL AND EU LEGISLATIVE FRAME FOR ORGANIC ANIMAL PRODUCTION  
Radoslava Savić Radovanović
- 12:00–13:00 QUALITY CONTROL IN ORGANIC AGRICULTURE  
Radoslava Savić Radovanović
- 14:30–16:00 ORGANIC BREEDING OF GOATS, SHEEP, CATTLE, HORSES, DONKEYS, POULTRY AND BEES  
Ružica Trailović
- 17:00–19:00 WORKSHOP: Processing of traditional milk products: kajmak, white cheese, sour milk – yoghurt  
Radoslava Savić Radovanović, Nikola Čobanović)
- 22.07.2022. FARM VISITE: GOAT, SHEEP, CATTLE, DONKEY, APPIARY**
- Milk production and on farm processing, organic honey (Ružica Trailović, Radoslava Savić Radovanović, Aleksandar Vasov, Sergej Ivanov, Nikodije Velinov)
- 23.07.2022. GORNJI KRIVODOL**
- 10:00–11:30 MOST IMPORTANT DISEASES OCCURRING IN AUTOCHTHONOUS DOMESTIC ANIMALS IN FREERANGING PASTURE BREEDING  
Vladimir Magaš, Milan Maletić
- 12:00–13:30 TRANSMITORS OF INFECTIOUS AND PARASITIC DISEASES ON MOUNTAIN PASTURES  
Danica Bogunović
- 15:00–16:30 HEALTH CONTROL AND MONITORING OF DISEASES IN WILD AND FREERANGING DOMESTIC ANIMALS  
Darko Marinković
- 24.07.2022. GORNJI KRIVODOL**
- 10:00–11:30 PRINCIPLES OF HEALTH CONTROL IN ORGANIC ANIMAL PRODUCTION  
Milan Maletić, Vladimir Magaš
- 12:00–13:30 CONTROL OF PARASITIC DISEASES IN FREERANGING ANIMAL PRODUCTION  
Danica Bogunović
- 14:00–15:00 FLORAL DIVERSITY – NUTRITIOUS, MEDICINAL AND TOXIC PLANTS ON STARA PLANINA  
Svetlana Grdović
- 15:30 Sampling of pasture plants (Svetlana Grdović)

**25.07.2022. FARM VISIT: BUSHA CATTLE, SHEEP AND GOAT FARM, DONKEY FARM**

Farm practice: WS, BCS, management of reproduction (Vladimir Magaš, Milan Maletić)

**26.07.2022. FARM VISIT**

Farm practice: BCS, WS, pest control, natural pasture – plants – herbal composition (Ružica Trailović, Lazar Marković, Danica Bogunović, Svetlana Grdović)

**27.07.2022. GORNJI KRIVODOL  
EVALUATION OF KNOWLEDGE  
13:00 DEPARTURE TO BELGRADE**

LECTURES (Faculty of Veterinary Medicine): Ružica Trailović, Radoslava Savić Radovanović, Vladimir Magaš, Milan Maletić, Darko Marinković, Svetlana Grdović, Danica Bogunović

LECTURERS AND DEMONSTRATION FROM PIROT AND DIMITROVGRAD: Sergej Ivanov, Darko Đorđević, Aleksandar Vasov, Nikodije Velinov

Notice: The programme on the field can be changed due to unforeseen circumstances (weather conditions, diseases, etc.).

Prof. dr Ružica Trailović,  
Summer School for Mountain Animal Breeding

**Additional informations:** Prof. dr Ružica Trailović

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