The 7th Summer School for Mountain Animal Breeding will be organized in Education Centre for Mountain Animal Breeding, Gornji Krivodol, Stara Planina (Balkan Mountain), from 15/07/2019 to 15/08/2019. The Programme: “Teaching and practice in health management in land-based organic animal breeding in traditional mountain range system used for in situ conservation of AnGR” is designed for students of the 4th, 5th and 6th year of veterinary medicine from Serbia and from abroad.

**Background**

Education Centre 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” (Balkan Mountain) near the Serbian-Bulgarian border. The premise is at altitude of 800 m, where from mountain pastures used for grazing of locally adapted autochthonous sheep, goats, cattle, water buffalos, domestic mountain pony and donkeys raze towards 1600-2000 m.
The 7th Summer School for Mountain Animal Breeding is organised in two courses: from July the 15th to July the 30st, 2019 (the first course) and from August the 1st to August the 15th, 2019 (the second course). The Applicants from abroad and first time applicants from Serbia are enrolled into the 1st group and from 15/07/2019–30/07/2019 and attend the programme: Teaching and practice in health management in land-based organic animal breeding in traditional mountain range system used for in situ conservation of AnGR and participate in lectures (40 hours) and field practice on the farms and in the laboratory. Students who have finished the course, or had Organic Breeding as part of Curriculum enrol the second course (01/08/2019–15/08/2019) mostly based on field practice with short introductory lecture. The Summer School for Mountain Animal Breeding is going to be included into CEEPUS exchange programme.

The goals of the Summer School

- The introduction to the basics of organic animal breeding, legislation and standards of organic farming system and safety and quality control of organic animal production,
- The importance of local autochthonous animal breeds in land based organic breeding system upon traditional farming and utilization in natural mountain habitat of Balkan Penninsula and
- Health control in the mountain rural environment and in situ preservation through utilization of Animal Genetic Resources in Serbia in organic production.

PROGRAMME

15.07.2019 Gathering at the Faculty of Veterinary Medicine, Belgrade, Faculty tour, departure for Stara Planina (Balkan Mountain), arrival and accomodation in Gornji Krivodol

16.07.2019 THE IMPORTANCE OF NATURE PARK STARA PLANINA IN THE CONSERVATION OF BIODIVERSITY IN SERBIA – THE DIVERSITY OF FLORA AND FAUNA IN FOREST, GRASSLAND AND RAMSAR HABITATS ON STARA PLANINA (Darko Đorđević, Nature Park „Stara Planina“)

DIMITROVGRAD MUNICIPALITY: THE PARK OF AGBIOBIODIVERSITY AND THE CENTRE FOR AUTOCHTHONOUS ANIMAL CONSERVATION (Aleksandar Igov, DVM, Dimitrovgrad Municipality)

Visitor Centre „Stara Planina“, educational tour introducing students to the degree of biodiversity protection, the first zone of protection, rural community – Dojkinci, Dojkinačka river and Jelovička river

17.07.2019 TRADITIONAL ANIMAL PRODUCTION AND AUTOCHTHONOUS PRODUCTS OF STARA PLANINA AND THE REGION (Sergej Ivanov, DVM, Stado – Dimitrovgrad)

TRADITIONAL – ALTERNATIVE MEDICINE AND TREATMENT OF ANIMALS ON STARA PLANINA (Nemanja Šubarević, DVM, Veterinary Institute Niš)
ANIMAL GENETIC RESOURCES AND THEIR UTILIZATION IN PRODUCTION OF FOOD (prof. dr Ružica Trailović, Faculty of Veterinary Medicine, University of Belgrade)

Afternoon: the tour in Gornji Krivodol: Milk House, stratificated land with fossil remnants, the degustation of local products

18.07.2019

ORGANIC ANIMAL PRODUCTION, AUTOCHTHONOUS PRODUCTION AND QUALITY OF PRODUCTS (doc. dr Radoslava Savić Radovanović, Faculty of Veterinary Medicine, University of Belgrade)

REGULATIONS: NATIONAL AND EU LEGISLATION IN ORGANIC ANIMAL BREEDING AND PRODUCTION OF ORGANIC FOOD (doc. dr Radoslava Savić Radovanović, Faculty of Veterinary Medicine, University of Belgrade)

CONTROL SYSTEM AND QUALITY CONTROL IN ORGANIC ANIMAL PRODUCTION (doc. dr Radoslava Savić Radovanović, Faculty of Veterinary Medicine, University of Belgrade)

Afternoon: visit to the pastures, evaluation of the herds on pasture

19.07.2019

Milk Plants in Dimitrovgrad and in Pirot: technology of milk processing and quality control, visit to Veterinary Station Pirot, introduction in autochthonous milk production and products

20.07.2019

AUTOCHTHONOUS ANIMAL BREEDS AND THEIR IMPORTANCE IN DEVELOPMENT OF ORGANIC BREEDING (prof. dr Ružica Trailović, Faculty of Veterinary Medicine, University of Belgrade)

MANAGEMENT OF REPRODUCTION OF AUTOCHTHONOUS FARM ANIMALS: ORGANIC VERSUS NON-ORGANIC BREEDING SYSTEM (doc. dr Milan Maletić, Faculty of Veterinary Medicine, University of Belgrade)

ORGANIC BREEDING OF BEES AND OTHER UNCONVENTIONAL ORGANIC ANIMAL BREEDING (Nikodije Velinov, Agronomist, organic bee breeder, Dimitrovgrad)

Afternoon: farms in Brebevnica and Smilovci, sheep, goat, Busha cattle, buffalo and Mountain pony breeding, organic bee breeding.

21.07.2019

Free – Optional picnic/visiting tours

22.07.2019

SUSTAINABLE CATTLE, SHEEP AND GOAT BREEDING IN MOUNTAIN RURAL COMMUNITY – TRADITIONAL AND ORGANIC PRODUCTION (prof. dr Ružica Trailović, prof. dr Jovan Bojkovski, Faculty of Veterinary Medicine, University of Belgrade)

Afternoon: visit to farm „Ravna šuma“ (Flat Forest Farm) practical introduction to traditional milk production on farm

23.07.2019

SUSTAINABLE BREEDING OF HORSES AND DONKEYS IN MOUNTAIN RURAL COMMUNITY – TRADITIONAL AND NOVEL UTILIZATION AND ORGANIC PRODUCTION (prof. dr Ružica Trailović, Faculty of Veterinary Medicine, University of Belgrade)

MARE AND DONKEY MILK – HIGH QUALITY FOOD AN THERAPEUTICAL USE (Sergej Ivanov, DVM, Stado – Dimitrovgrad)
**PIROT IRONED SAUSAGE** – AUTOCHTHONOUS PRODUCT WITH A RATIO OF DONKEY MEAT (Miloš Arsić, DVM, Veterinary Institute Niš)

Afternoon: horse farms Izatovci, sampling, visit to Slavinja Gorge, practice in the laboratory

24.07.2019. MOST IMPORTANT HEALTH TREATS IN ORGANIC ANIMAL BREEDING (prof. dr Jovan Bojkovski, doc. dr Vladimir Magaš, Faculty of Veterinary Medicine, University of Belgrade)

ARTHROPODE BORNE DISEASES, INFECTIOUS AND PARASITIC DISEASES OF ANIMALS ON MOUNTAIN GRASSLAND – RISKS FOR ANIMAL AND HUMAN HEALTH (Marko Stojiljković, DVM, Veterinary Institute Niš)

ECO-CONTROL – MONITORING OF HEALTH IN WILD AND DOMESTIC ANIMALS ON STARA PLANINA (prof. dr Darko Marinković, Faculty of Veterinary Medicine, University of Belgrade)

Afternoon: visit to Senookos, waterfoals, Goat and Sheep Farm in Kamenica: BCS, assessment of welfare, diagnostic sampling, traditional sheep and goat milking, organisation of health control in the flock

25.07.2019. Working visit to Korvet farm – sheep, goat, cattle, bufallo, horse, donkey, pig and poultry breeding – preventive measures (vaccination, dehelmintisation), grazing behavior of the Balkan buffalo, sampling, laboratory work

26.07.2019. Simmental cattle farm, ultrasonography in reproductive health monitoring, sampling, laboratory practice

27.07.2019. HEATH CONTROL IN ORGANIC BREEDING (prof. dr Ružica Trailović, doc. dr Vladimir Magaš, Faculty of Veterinary Medicine, University of Belgrade)

FUNCTIONAL NUTRITION IN AIM TO INCREASE PRODUCTIVITY AND POSITIVE IMPACT ON GROWTH AND HEALTH IN ANIMALS (prof. dr Jelena Nedeljković Trailović, prof. dr Svetlana Grdović, Faculty of Veterinary Medicine, University of Belgrade)

PLANT BIODIVERSITY: NUTRITIVE; MEDICINAL AND TOXIC PLANTS ON STARA PLANINA (prof. dr Svetlana Grdović, Faculty of Veterinary Medicine, University of Belgrade)

Working picnic: pasture, botanical composition of high mountain pastures above Gornji Krivodol, collection of medicinal plants


29.07.2019. Laboratory diagnostics, evaluation, distribution of Certificates. Good-bye dinner party

30.07.2019. Departure to Belgrade (morning)
Organizer would keep the privilege to adjust (change) the time table of the programme upon the situation on the field (weather, emergencies, need for post mortal examination, animal health status during the course....)

Attendance of Summer school is equivalent to mandatory practice for students of the Veterinary Faculty University of Belgrade and equals Mandatory Clinical Practice after the 4th year of studies (3 ECTS), Elective Summer Practice after the 5th year (3 ECTS) and/or Elective Summer Practice after the 6th year (3 ECTS).

The Wellcome boards at the entrance in Nature Park “Stara Planina” (above) and in Gornji Krivodol (right)
Domestic Mountain pony – early spring

and summer
Zackel (Pramenka) sheep and goats

Shepard dogs follow sheep – the autochthonous Yugoslav shepard: Sarplaninac (above) and Karakachan dog (right)
Busha cattle

Rest area: Busha calves
Balkan donkey
Water buffalo is agricultural heritage of Serbia
Summer School 2013

Summer School 2014

Summer School 2015
Practical activities
FREE TIME
Number of attendees

Number of attending students is limited on 15, and maximal exchange capacity is 10 students. A limited number of students from veterinary universities/faculties can be funded through CEEPUS exchange program or upon interfaculty exchange agreements.

Participation Fee

Participants in the program (except CEEPUS exchange and interfaculty exchange agreement) is 100 EUR. Participation fee entitles students for accommodation and meals in dormitory.

All participating student would receive the Certificate of attendance of Summer School for Health Control in Mountain Animal Breeding.

Travel cost

Student cover the cost of return travel to Belgrade. Faculty of Veterinary Medicine University of Belgrade provides transportation to Stara planina and back to Belgrade, and eventually the transfer from Dimitrovgrad to Gornji Krivodol and back if attendees choose to arrive to Dimitrovgrad.


Responsible teacher

Prof. dr Ružica Trailović

Information and Application for the programme

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Prof. dr Dragiša Trailović

THE DEAN
Faculty of Veterinary Medicine
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Prof. dr Vlado Teodorović