



FACULTY OF VETERINARY MEDICINE UNIVERSITY OF BELGRADE

The Third Symposium

**PROTECTION OF AGROBIODIVERSITY AND PRESERVATION OF
AUTOCHTHONOUS DOMESTIC ANIMAL BREEDS**

Dimitrovgrad, June, 25–27, 2021

PROGRAMME

Friday, June, 25, 2021

First Plenary Session

ANIMAL GENETIC RESOURCES IN SERBIA IN THE REGION

Chairpersons: Ružica Trailović, Božidarka Marković, Vladimir Džabirski

- 10:00–10:25 ANIMAL GENETIC RESOURCES: DEFINITION, IMPORTANCE AND CONSERVATION METHODS
Srđan Stojanović, Čedomir Radović, Ivan Pihler, Vladan Đermanović
- 10:25–10:50 SPECIES SPECIFIC CHARACTERISTICS AND LIMITATIONS IN CONCERN WITH ESTABLISHMENT OF AUTOCHTHONOUS ANIMAL BREEDS GENE BANK
Nikica Prvanović Babić, Iva Getz, Silvijo Vince, Branimira Ževrnja, Marko Samardžija
- 10:50–11:15 THE STATUS OF ANIMAL GENETIC RESOURCES IN MONTENEGRO
Božidarka Marković, Milan Marković, Milena Đokić, Dušica Radonjić
- 11:15–11:40 LIVESTOCK BIODIVERSITY PROTECTION IN THE REPUBLIC OF NORTH MACEDONIA
Vladimir Džabirski, Kočo Porču, Gjoko Bunevski, Dragoslav Kocevski, Vlado Vukovik, Hrisula Kiprijanovska, Aleksandar Uzunov
- 11:40–12:05 CONSERVATION OF ANIMAL GENETIC RESOURCES IN SLOVENIA
Danijela Bojkovski, Metka Žan, Tina Flisar
- 12:05–12:30 AUTOCHTHONOUS ANIMAL BREEDS IN BOSNIA AND HERZEGOVINA
Ervin Zečević, Admir Dokso, Suzana Đorđević Milošević
- 12:30–13:00 Discussion, coffee break

- 13:00–13:20 ANIMAL GENETIC RESOURCES IN THE REPUBLIC OF SRPSKA
Jelena Nikitović, Bogoljub Novaković, Marina Antić, Sanda Stanivuković,
Mirela Kajkut Zeljković, Tatjana Krajišnik
- 13:20–13:40 ANIMAL GENETIC RESOURCES IN SERBIA
Natalija Grittner, Radomir Mandić, Milivoje Urošević, Ružica Trailović
- 13:40–14:00 GENETIC RESOURCES OF HORSE BREEDING IN BULGARIA
Radka Vlaeva
- 14:00–14:20 REVIEW OF AUTOCHTHONOUS SHEEP BREEDS POPULATION IN
PELAGONIA REGION: EVOLUTION, CHALLENGES AND FUTURE
PERSPECTIVES
Igor Zdraveski, Petar Dodovski, Panče Dameski, Nataša Pejčinovska,
Nataša Petrovska, Biljana Petrovska, Nikola Karabolovski, Maja
Angelovska
- 14:20–14:40 BIODIVERSITY OF AUTOCHTHONOUS BALKAN GOAT BREED IN THE
REPUBLIC OF NORTH MACEDONIA
Kočo Porču, Vladimir Džabirski, Nataša Pejčinovska
- 14:40–15:00 Discussion
- 16:00–16:15 STATUS OF BUSHA BREEDING IN MONTENEGRO
Ivan Krstajić
- 16:15–16:30 CONSERVATION OF GATACHKA BUSHA AS GENETIC RESOURCE
Milivoje Urošević, Darko Drobnjak, Bogoljub Novaković, Jelena Nikitović
- 16:30–16:45 EUROPEAN STEEPE GRAY CATTLE
Milivoje Urošević, Radomir Mandić, Darko Drobnjak, Goran Stanišić,
Natalija Grittner
- 16:45–17:00 MORPHOMETRIC CHARACTERISTICS OF AUTOCHTHONOUS SHEEP BREED
IN PELAGONIA REGION IN THE REPUBLIC OF NORTH MACEDONIA
Panče Dameski, Igor Zdraveski, Petar Dodovski, Nataša Pejčinovska,
Nikola Karabolovski, Talija Hristovska, Aleksandar Avramov
- 17:00–17:15 MANGALITZA –TRADITIONAL PIG BREED IN SERBIA: HISTORICALY AND
TODAY
Radoslav Šević, Nenad Stojanac, Ognjen Stevančević, Vitomir Vidović,
Vladimir Tomović, Božidar Savić, Marko Cincović
- 17:15–17:30 MACEDONIAN ROCK CHICKEN
Ilija Kolarov, Goran Kolev
- 17:30–17:45 CYNOLOGICAL HERITAGE OF NORTH MACEDONIA
Vlatko Kostovski, Marjan Kostovski
- 17:45–18:00 Discussion, coffee break

Second Plenary Session
**SUSTAINABLE PRODUCTION AND CONSERVATION OF
ANIMAL GENETIC RESOURCES**

Chairpersons: Vladan Đermanović, Srđan Stojanović, Jelena Nikitović,
Suzana Đorđević Milošević

- 18:00–18:20 FINANCIAL INCENTIVES FOR ANIMAL GENETIC RESOURCES –
EXPERIENCES OF EUROPEAN COUNTRIES
Srđan Stojanović, Danijela Bojkovski

- 18:20–18:40 INTEGRATED PRESERVATION OF AGROBIODIVERSITY THROUGH STRENGTHENING VALUE CHAINS IN TOURISM
Suzana Đorđević-Milošević, Slađana Đorđević, Jelena Milovanović
- 18:40–19:00 CONSERVATION OF AUTOCHTHONOUS ANIMAL BREEDS THROUGH SUSTAINABLE PRODUCTION AND AMBIENTAL PRESERVATION
Ružica Trailović, Mila Savić
- 19:00–19:20 PRESERVATION OF INDIGENOUS SPECIES AND BREEDS OF EQUIDAE AND THEIR IMPORTANCE IN THE PRODUCTION OF BIOLOGICALLY VALUABLE FOOD
Vladan Đermanović, Srđan Stojanović
- 19:20–19:40 POSSIBILITIES OF MILK YIELD IMPROVMENT IN BALKAN BUFFALO
Stefan Stepić, Predrag Perišić, Dragan Stanojević, Srđan Stojanović
- 19:40–20:00 Discussion

Saturday, June, 26, 2021

HALL 1

Third Plenary Session

BIODIVERSITY OF BALKAN MOUNTAIN FLORA AND FAUNA

Chairpersons: Bojan Zlatković, Darko Đorđević, Florian Knaus

- 9:00–9:30 THE ENDEMIC FLORA OF MT. STARA PLANINA IN EASTERN SERBIA
Bojan Zlatković, Gordana Tomović
- 9:30–10:00 BIRD DIVERSITY AND ITS THREATS IN DIMITROVGRAD, EASTERN SERBIA
Florian Knaus
- 10:00–10:20 APPLICABILITY OF RECIRCULATORY AQUATIC SYSTEM (RAS) IN RESTOCKING WITH AUTOCHTHONOUS FISH SPECIES
Miroslav I. Urošević, Jasna Grabić, Aleksandra Komarnicki-Ćirlić, Nikolina Novakov, Nemanja Ivanović
- 10:20–10:40 THE NEGATIVE IMPACT OF SMALL HYDROPLANTS ON BIODIVERSITY
Radomir Mandić, Mirjana Bartula, Slobodan Stefanović, Nevena Milošević
- 10:40–11:00 IMPACT OF MINI HYDROPOWER PLANTS ON RIVERWATER ECOSYSTEM
Aleksandar Panić
- 11:00–11:20 Discussion, coffee break
- 11:20–11:40 POSSIBILITIES AND PERSPECTIVES OF REINTRODUCTION OF WILK ON STARA PLANINA
Sergej Ivanov
- 11:40–12:00 SPATIAL AND NUTRITIVE DEMANDS OF WILK – ZUBR (*Bison b. bonasus* L. 1758)
Milivoje Urošević, Radomir Mandić, Goran Stanišić, Natalija Grittner
- 12:00–12:20 POSSIBLE MODEL OF WOLF AND JACKAL POPULATION CONTROL ON STARA PLANINA
Branislav Živković, Milivoje Urošević
- 12:20–13:00 Discussion

HALL 2
Fourth Plenary Session
**CURRENT PATHOLOGY, THERAPY AND REPRODUCTION IN
AUTOCHTHONOUS ANIMAL BREEDS**

Chairpersons: Dragiša Trailović, Nikica Prvanović Babić, Darko Marinković

- 9:00–9:25 EQUINE ASSISTED REPRODUCTION: STATUS CHALLENGES AND
POSSIBILITIES IN CROATIA BEFORE AND AFTER EU ACCESSION
Nikica Prvanović Babić, Iva Getz, Silvijo Vince, Branimira Ževrnja,
Marko Samardžija
- 9:25–9:50 EPIZOOTIOLOGICAL DETERMINANTS IN STARA PLANINA REGION AND
THEIR INFLUENCE ON ASSESSMENT OF THE RISK OF EPIZOOTIC
EMERGING
Miroslav Valčić, Sonja Radojičić, Nataša Stević
- 9:50–10:15 BASIC PRINCIPLES OF CONTROL AND SUPPRESSION OF PARAZITIC
DISEASES IN ANIMALS IN FREE RANGE SYSTEM
Ivan Pavlović, Slavica Živković, Bojana Mijatović
- 10:15–10:35 AFRICAN SWINE FEVER – EXOTIC DISEASE THREATENING
AUTOCHTHONOUS PIG BREEDING AND MEAT PRODUCTION
Slobodan Stanojević, Božidar Savić, Boban Đurić, Ljubiša Veljović,
Slavoljub Stanojević
- 10:35–10:55 AFRICAN SWINE FEVER – RUTES OF VIRAL TRANSMISSION AND
DISSEMINATION IN SOUTHEAST EUROPEAN STATES
Jasna Prodanov-Radulović, Milijana Nešković, Siniša Grubač, Vladimir
Polaček, Jovan Mirčeta
- 10:55–11:25 Discussion, coffee break
- 11:25–11:45 BRUCELOSES: CONSTANT THREAT OR OVERESTIMATED RISK
Nemanja Zdravković, Dragica Vojinović, Boban Đurić, Slobodan Stanojević
- 11:45–12:05 EPIZOOTIOLOGY OF EQUINE VECTOR BORNE DISEASES IN DOMESTIC
MOUNTAIN PONY AND BALKAN DONKEY POPULATION ON STARA
PLANINA
Slobodan Stanojević, Dragiša Trailović, Ivan Pavlović, Lazar Marković,
Stefan Đoković
- 12:05–12:25 PLAGUE IN SMALL RUMINANTS / REAL THREAT FOR SERBIA AND THE
REGION
Dragan Bacić, Sonja Obrenović
- 12:25–13:00 Discussion

Fifth Plenary Session
IMPORTANCE AND OPPORTUNITIES FOR SUSTAINABLE DONKEY BREEDING

Chairpersons: Milivoje Urošević, Ljubodrag Stanišić, Ružica Trailović

- 15:00–15:25 DONKEY BREEDS AND TYPES IN SERBIA AND IN THE REGION
Ružica Trailović, Milivoje Urošević
- 15:25–15:50 MOLECULAR-GENETIC AND PHENOTYPIC CHARACTERISTICS OF THE BALKAN
AND OF BANAT DONKEY
Ljubodrag Stanišić, Jelena M. Aleksić, Jevrosima Stevanović,
Zoran Stanimirović, Vladimir Dimitrijević

15:50–16:15 NORMAL VALUES OF BASIC PHYSIOLOGICAL PARAMETERS IN BALKAN DONKEY ON STARA PLANINA

Stefan Đoković, Lazar Marković, Jovan Blagojević

16:15–16:40 SOME SPECIFICITIES IN ETIOLOGY, DIAGNOSTICS AND THERAPY OF DONKEY DISEASES

Dragiša Trailović

16:40–17:10 Discussion, coffee break

Sixth Plenary Session

TRADITIONAL AND UNCONVENTIONAL PRODUCTION OF MILK AS A CHANCE FOR SUSTAINABLE PRESERVATION OF AUTOCHTHONOUS ANIMAL BREEDS

Chairpersons: Vera Katić, Milenko Šarić, Predrag Perišić

17:10–17:35 QUALITY AND SAFETY OF MILK FROM UNCONVENTIONAL PRODUCTION

Vera Katić

17:35–17:55 MILKING OF BALKAN DONKEY JENNIES AND PRODUCTION OF DONKEY MILK IN SERBIA: STATUS AND PERSPECTIVES

Sergej Ivanov, Milan Bogdanović

17:55–18:15 SAFETY AND QUALITY OF DONKEY MILK – REGULATORY APPROACH

Radoslava Savić Radovanović, Jelena Aleksić Radojković

18:15–18:35 TECHNOLOGY OF DONKEY MILK PROCESSING – THE OPPORTUNITIES AND CHALLENGES

Jasna Đorđević, Tijana Ledina, Milan Bogdanović, Snežana Bulajić

18:35–18:55 ANTIINFLAMMATORY AND ANTIMICROBIAL EFFECTS OF DONKEY MILK

Olivera Valčić, Svetlana Milanović

18:55–19:15 EFFECT OF DONKEY MILK ON SKIN FIBROBLAST CELL REGENERATORY POTENTIAL – EXPERIMENTAL CLINICAL STUDY

Hristina Kocić, Ivana Nešić, Tomaž Langerholc

19:15–19:35 PLETA CHEESE FROM JANJ

Dragana Rujević, Zora Čolović-Šarić, Mišo Vejin, Milenko Šarić

19:35–20:00 Discussion

Sunday, June, 27, 2021

8:00–11:00 Farm visits and presentation of Autochthonous Animal Breeds on Stara Planina

POSTER SESSION / SHORT COMMUNICATIONS / STUDENT PAPERS

Chairpersons: Danijela Kirovski, Branko Petrujkić, Miloš Vučićević

11:00–12:00 Poster presentation

12:00–14:20 Short communications and discussion

12:00–12:10 EXTERIORAL VARIABILITY OF VITOROGA ŽUJA (YELLOW FACE RATZKA) SHEEP IN VOJVODINA

Ivan Pihler, Denis Kučević, Saša Dragin, J. Ćirić, Jovana Grba, Miroslava Polovinski, Ksenija Čobanović, Bačo Zarubica

- 12:10–12:20 SMALL HORSES IN DALMATIA
Ema Listeš, Maja Maurić, Nikica Prvanović-Babić
- 12:20–12:30 BONINESS INDEX IN BUSHA CATTLE IN REPUBLIC OF SERPSKA
Bogoljub Novaković, Mišo Vejin, Borut Bosančić, Milivoje Urošević,
Milenko Šarić, Jelena Nikitović
- 12:30–12:40 PRODUCTION PARAMETERS AND EGG QUALITY OF SOMBOR CRESTED
CHICKEN
Mirjana Đukić Stojčić, Lidija Perić, Sava Spiridonović, Davor Francuz
- 12:40–12:50 RELATIONSHIP BETWEEN NEWBORNE AND WEANED MANGALITZA
PIGLETS IN THE SPECIAL NATURE RESERVE „ZASAVICA“
Milivoje Urošević, Radomir Mandić, Natalija Grittner, Goran Stanišić,
Bogoljub Novaković, Darko Drobnjak
- 12:50–13:00 CLINICAL PARAMETHERS OF HEALTH IN BLONDE MANGALITZA IN
INTENSIVE BREEDING
Radoslav Šević, Božidar Savić, Vladimir Tomović, Ognjen Stevančević,
Nenad Stojanac, Marko Cincović, Vitomir Vidović
- 13:00–13:10 CONTRIBUTION TO THE KNOWLEDGE OF CALVING DYNAMICS OF GRAY
STEPPE CATTLE (PODOLIAN) IN THE SPECIAL NATURE RESERVE
„ZASAVICA“
Milivoje Urošević, Radomir Mandić, Natalija Grittner, Darko Drobnjak,
Goran Stanišić, Bogoljub Novaković
- 13:10–13:20 MORPHOMETRIC CHARACTERIZATION OF SJENICKA SHEEP
Stefan Radosavljević, Ružica Trailović
- 13:20–13:30 CONTRIBUTION TO KNOWLEDGE ON HEALTH STATUS IN DOMESTIC
MOUNTAIN PONY IN DIFFERENT BREEDING CONDITIONS IN SOUTH-
EAST SERBIA
Lazar Marković, Milica Kovačević Filipović, Stefan Đoković,
Dragiša Trailović
- 13:30–13:40 POUR-ON DEHELMINTIZATION IN DOMESTIC MOUNTAIN PONY
Slavica Živković, Bojana Mijatović, Ivan Pavlović
- 13:40–13:50 THE COMPARATIVE PRESENTATION OF HAEMATOLOGICAL
PARAMETERS OF HORSES AND DONKEYS
Milan Bogdanović, Milica Kovačević Filipović
- 13:50–14:00 MULTI-PARAMETRIC COMPARISON OF BLOOD PARAMETERS IN WHITE
MANGALITSA AND OTHER BREEDS OF PIGS
Branislava Belić, Marko R. Cincović, Nikolina Novakov, Mira Majkić,
Ognjen Stevančević, Božidar Savić, Nenad Stojanac, Radoslav Šević
- 14:00–14:20 Discussion
- 14:30 Farwell coctail / Degustation of Autochthonous Animal Products / Lunch
- 16:00 Closing Ceremony

ADDITIONAL INFORMATION

The venue:

Plenary Sessions would be held in „CARIBROD“ SPORT CENTRE, Dimitrovgrad. Poster and student session would take place in Education Base of the Faculty of Veterinary Medicine – NBPS, Gornji Krivodol, Stara Planina.

Submitted papers:

All plenary and accepted papers would be published in Proceedings in Serbian and/or English. Papers from abroad should be submitted in English (possibility in Serbian, with summary in English).

Papers proposed by Moderators and Reviewers can be published, in English in Journal Veterinarski Glasnik – Thematic issue, with Abstract in the Proceedings.

Instruction for Authors:

Papers should be prepared upon the Instructions by Journal Veterinarski glasnik: <https://www.veterinarski Glasnik.rs/download/02AuthorGuidelines/SubmissionAuthorGuidelines.pdf>

Important days:

Deadline for registration for the Symposium and registration fee payment 15.06.2021.
Submission of full papers, deadline 15.05.2021.

Accommodation:

Accommodations for all participants will be provided in the Hotels: Happy Hotel (Caribrodskih umetnika 1, tel. +381 10 363 333), Amfora rooms (Balkanska 82, tel. +381 10 363 387) i Balkan-Sax (Balkanska 18, tel. +381 10 363 566). Reservations deadline 10.06.2021.

Hotel information

HOTEL	Room	Bed/Breakfast	Halfboard	Full accommodation
HAPPY HOTEL Dimitrovgrad	Single	3,610.00 RSD*	4,210.00 RSD	5,210.00 RSD
	Double bed	4,880.00 RSD	6,080.00 RSD	8,080.00 RSD
AMFORA ROOMS Dimitrovgrad	Single	2,400.00 RSD	3,000.00 RSD	3,600.00 RSD
	Double bed	3,600.00 RSD	5,200.00 RSD	6,200.00 RSD
HOTEL BALKAN- SAX, Dimitrovgrad	Single	2,100.00 RSD	2,800.00 RSD	3,200.00 RSD
	Double bed	4,200.00 RSD	5,600.00 RSD	6,400.00 RSD

*1 EUR – 118 RSD (Serbian dinar)