



BUASVM TIMIȘOARA
*Multidisciplinary Conference
on Sustainable Development*
26– 27 May, 2022



Scientific Programme

*Multidisciplinary Conference on Sustainable Development,
26 – 27 May 2022*

Section: Animal Resources Bioengineering



BIOENGINEERING FACULTY OF ANIMAL RESOURCES
TIMIȘOARA, 2022



Faculty Of Agriculture,
University Of South
Bohemia, České
Budejovice-Czech
Republic



Faculty Of Agrobiology
And Food Resources,
Nitra-Slovakia
Faculty Of
Biotechnology And Food
Sciences, Nitra-Slovakia



Faculty Of Agriculture,
University Of Novi Sad,
Novi Sad-Serbia



Faculty Of Agriculture
International Hellenic
University Thessaloniki,
Greece



Agri-Food And
Biosciences Institute,
Belfast, Uk

Multidisciplinary Conference on Sustainable Development

Section: Animal Resources Bioengineering

USAMVBT is inviting you to a scheduled Zoom meeting.

Topic: **MULTIDISCIPLINARY CONFERENCE ON SUSTAINABLE DEVELOPMENT**

Time: **May 26, 2022 11:00 AM** Bucharest (**Opening of the Conference 11.00 – 13.00**)

Join Zoom Meeting

<https://us02web.zoom.us/j/85068499024?pwd=S1l6NHdodi9nSTVSV29lc2xUR0tndz09>

Meeting ID: 850 6849 9024

Passcode: 329298

One tap mobile

+13126266799,,85068499024#,,, *329298# US (Chicago)

+13462487799,,85068499024#,,, *329298# US (Houston)

Dial by your location

+1 312 626 6799 US (Chicago); +1 346 248 7799 US (Houston); +1 646 558 8656 US (New York); +1 669 900 9128 US (San Jose); +1 253 215 8782 US (Tacoma); +1 301 715 8592 US (Washington DC)

Meeting ID: 850 6849 9024

Passcode: 329298

Find your local number: <https://us02web.zoom.us/j/85068499024?pwd=S1l6NHdodi9nSTVSV29lc2xUR0tndz09>

USAMVBT is inviting you to a scheduled Zoom meeting

Topic: **ANIMAL RESOURCES BIOENGINEERING – section (14.30 – 16.30)**

Time: **May 26, 2022 02:30 PM** Bucharest

Join Zoom Meeting

<https://us02web.zoom.us/j/83142227701?pwd=LytjcER2ZDBqc0R5c0pIUkJlMmlSQ09>

Meeting ID: 831 4222 7701

Passcode: 569188

One tap mobile

+16699009128,,83142227701#,,, *569188# US (San Jose)

+12532158782,,83142227701#,,, *569188# US (Tacoma)

Dial by your location

+1 669 900 9128 US (San Jose); +1 253 215 8782 US (Tacoma); +1 301 715 8592 US (Washington DC); +1 312 626 6799 US (Chicago); +1 346 248 7799 US (Houston)

+1 646 558 8656 US (New York)

Meeting ID: 831 4222 7701

Passcode: 569188

Find your local number: <https://us02web.zoom.us/j/83142227701?pwd=LytjcER2ZDBqc0R5c0pIUkJlMmlSQ09>

Conferences Programme

1st Day -26 May, 2022 (Thursday)

"Iulian Drăcea" Auditorium

***Banat's University of Agricultural Sciences and Veterinary Medicine
"King Michael I of Romania" from Timișoara***

- 9.00 – 11.00 Registration on-site**
- 10.00 – 11.00 Registration on-line**
- 11.00 – 11.15** Opening of the Conference
- 11.15 – 11.35** Plenary Lecture PL1
- 11.35 – 11.55** Plenary Lecture PL2
- 11.55 – 12.00** Presentation of conference programme
- 12.00 – 13.00** Doctor Honoris Causa award: Prof dr. Ioan Jelev – vicepresident of Romanian Academy of Agricultural Sciences and Forestry
- 13.00 – 14.30** Lunch at university restaurant
- 14.30 – 18.00** Paper presentation on sections
- 19.30 - 22.00** Dinner "Flonta Restaurant"

Section: Animal Resources Bioengineering

"Iulian Drăcea" Auditorium

***Banat's University of Agricultural Sciences and Veterinary Medicine
"King Michael I of Romania" from Timișoara***

- 14.30-14.40** Opening of the Conference
- 14.40-15.10** Prof. Dr. Ozan Gundogdu - *Survival properties of Campylobacter jejuni, Department of Infection Biology, LSHTM: London School of Hygiene and Tropical Medicine*
- 15.10-16.30** Oral communications
- 16.30-17.00** Concluding Remarks

2nd Day -27 May, 2022 (Friday)

- 10.00-16.00** Paper presentation on section (Posters session)

Scientific Programme

1st Day – 26 May, 2022 (Thursday)

*"Iulian Drăcea" Auditorium
Banat's University of Agricultural Sciences and Veterinary Medicine
"King Michael I of Romania" from Timișoara*

9.00 – 11.00	Registration ON-SITE
10.00 – 11.00	Registration ON-LINE
	Welcome speech
11.00 -11.10	Prof.dr.eng. Cosmin POPESCU, Rector of Banat's University of Agricultural Sciences and Veterinary Medicine King Michael I of Romania" from Timisoara
11.10-11.15	Conference opening Prof.dr. Isidora RADULOV, Vice-Rector of Banat's University of Agricultural Sciences and Veterinary Medicine King Michael I of Romania" from Timisoara
11.15 -11.35	PL1 - „Integrative Veterinary Chinese Medicine” Dr. Lorena Lloret Nadal , Founding member and director of the Chi Institute of Europe
11.35-11.55	PL2 - „Use of Black Soldier fly to convert food waste into feed” Prof. Dr. habil. Rui Costa , Secretary General of the ISEKI Food Association, President of European Alliance of Subject-Specific and Professional Accreditation and Quality Assurance
11.55–12.00	Presentation of conference programme
12,00-13,00	Doctor Honoris Causa award: Prof. dr. Ioan Jelev – vicepresident of Romanian Academy of Agricultural Sciences and Forestry
13.00 - 14.30	Lunch at university restaurant
14.30 - 18.00	Paper presentation on sections
19.30 – 22.00	Dinner "Flonta Restaurant"

Section: Animal Resources Bioengineering

"Iulian Drăcea" Auditorium
Banat's University of Agricultural Sciences and Veterinary Medicine
"King Michael I of Romania" from Timișoara

9.00 – 11.00 **Registration ON-SITE (Foyer of the Faculty of Bioengineering of Animal Resources)**
14.30 – **Registration ON-LINE**

14.30-14.40 **BIOENGINEERING OF ANIMAL RESOURCES 2022 – Opening ceremony**

Welcome speech

Prof.Dr.eng. Ioan Peț, Dean of Bioengineering Faculty of Animal Resources -

Conference opening

Prof.Dr. eng. Gabi Dumitrescu , *Vice-dean of the Bioengineering Faculty of Animal Resources, Banat's University of Agricultural Sciences and Veterinary Medicine "King Michael I of Romania" from Timișoara*

14.40-15.10 **Prof. Dr. Ozan Gundogdu - Survival properties of Campylobacter jejuni,**
Department of Infection Biology, LSHTM: London School of Hygiene and Tropical Medicine

Chaired by: Prof. Nicolae Corcionivoschi

"Iulian Drăcea" Auditorium
Banat's University of Agricultural Sciences and Veterinary Medicine
"King Michael I of Romania" from Timișoara

15.10-15.20 **OP1. Nikolett Éva Kiss¹, János Tamás¹, Attila Nagy¹**
CONTRIBUTION OF FEEDING PROCESSES TO THE ENVIRONMENTAL IMPACT OF BROILER CHICKEN PRODUCTION

¹University of Debrecen, Faculty of Agricultural and Food Sciences and Environmental Management, Institute of Water and Environmental Management. 138. Böszörményi str. Debrecen, Hungary

15.20-15.30 **OP2. Lucian Ioniță, Elena Popescu-Miclosanu, Minodora Tudorache, Ion Custura**
THE EFFECT OF USING INFRARED LAMPS ON GROWTH PARAMETERS IN YOUTH JUMBO QUAIL DURING 1- 42 DAYS
Ioniță T. Lucian Individual Enterprise Gherghița, Prahova, Romania
University of Agricultural Science and Veterinary Medicine of Bucharest, Faculty of Animal production engineering and management, Mărăști no 59, Bucharest, Romania

15.30-15.40	<p>OP3. Djitie Kouatcho François^{1*}, Miegoué Émile², Mweugang Nathalie¹, Kepawo Syntia¹, Radu-Rusu Razvan M³, Eliza Simiz⁴ GROWTH PERFORMANCE AND EGG'S CHARACTERISTICS OF SOME PHENOTYPES OF QUAIL RAISED IN CAMEROON <i>¹Laboratory of Applied Zoology, Faculty of Sciences, University of Ngaoundere, Po Box 454 Ngaoundere Cameroon.</i> <i>²Department of Animal Productions, Faculty of Agronomy and Agricultural Sciences. University of Dschang, Cameroon.</i> <i>³Iasi University of Life Sciences, 3 Mihail Sadoveanu Alley, 700490 Iasi, Romania</i> <i>⁴Banat University of Agricultural Science and Veterinary Medicine, Bioengineering Faculty of Animal Resources, Timisoara 119, Calea Aradului, Timisoara 300645, Romania</i></p>
15.40-15.50	<p>OP4. Ludovic Csiszter, Simona Baul, Ioan Cârpaci, Silvia Erina STUDY ON THE LACTATION ORDER INFLUENCE ON MILK PRODUCTION IN ROMANIAN SPOTTED COWS FROM TIMIȘ COUNTY <i>Bioengineering Faculty of Animal Resources, Banat's University of Agricultural Sciences and Veterinary Medicine "King Michael I of Romania" from Timișoara, Calea Aradului 119, 300645, România</i></p>
15.50-16.00	<p>OP5. Ana Cismileanu, Alexandra Oancea, Catalin Dragomir EFFECT OF 2 TYPES OF YEAST ON RUMEN FERMENTATION IN CARPATINA CROSSBRED GOATS - SHORT TERM STUDY <i>The National Research - Development Institute for Animal Biology and Nutrition (INCDBNA-IBNA Balotești)</i></p>
16.00-16.10	<p>OP6. Gabriela Maria Cornescu¹, Tatiana Dumitra Panaite¹, Arabela Elena Untea¹, Mara-Ioana Muntiu-Rusu¹, Ovidiu Avram² LIPOSOLUBLE VITAMINS IMPORTANCE INTO LAYING HENS NUTRITION <i>The National Research - Development Institute for Animal Biology and Nutrition (INCDBNA-IBNA Balotești)</i></p>
16.10-16.20	<p>OP7. Marius Gavril Aipătioaie¹, Nicolae Tritean¹, Florin Russu¹, Camelia Urdă¹, Alexandru Marius Deac^{2*}, Adriana Sebastiană Muscă², Ileana Miclea², Marius Zăhan² FATTY ACIDS PROFILE FROM MUSCLE LONGISSIMUS DORSI IN LOCAL SWINE BREEDS BAZNA AND MANGALITSA <i>¹Agricultural Research and Development Station Turda, 401100 - Turda, Agriculturii, 27, România</i> <i>²Faculty of Animal Sciences and Biotechnology, University of Agricultural Sciences and Veterinary Medicine of Cluj-Napoca, 400372 - Cluj-Napoca, Calea Mănăştur, 3-5, România</i></p>
16.20-16.30	<p>OP8. Flavia Luminița Bochiș SENIOR SPORT HORSE MANAGEMENT <i>Banat's University of Agricultural Sciences and Veterinary Medicine from Timișoara, Faculty of Animal Sciences and Biotechnologies, 300645-Timisoara, Calea Aradului, 119, Romania</i></p>
16.30-17.00	<p>Concluding Remarks</p>

2nd Day –27 May, 2022 (Friday)

10.00-16.00 Paper presentation on section (Posters session)

POSTERS

P1	Miroslava Kačániová, Lucia Galovičová, Petra Borotová, Simona Kunová ANTIMICROBIAL ACTIVITY OF CORIANDER ESSENTIAL OIL AND VACUUM PACKAGING TO POULTRY SOUS VIDE MEAT , <i>Slovak University of Agriculture, Faculty of Horticulture and Landscape Engineering, Nitra 949 76, Tr. A. Hlinku 2, Slovakia</i>
P2	Miroslava Kačániová, Lucia Galovičová, Petra Borotová, Simona Kunová ANTIMICROBIAL ACTIVITY OF SELECTED ESSENTIAL OILS <i>Slovak University of Agriculture, Faculty of Horticulture and Landscape Engineering, Nitra 949 76, Tr. A. Hlinku 2, Slovakia</i>
P3	Veronika Valková^{1,2*}, Hana Ďúranová², Lucia Galovičová¹, Miroslava Kačániová^{1,3} ROSALINA, NIAOULI AND FIR ESSENTIAL OILS: STRONG ANTIFUNGAL BUT WEAK ANTIOXIDANT ACTIVITY ¹ <i>Institute of Horticulture, Faculty of Horticulture and Landscape Engineering, Slovak University of Agriculture, Tr. A. Hlinku 2, 94976 Nitra, Slovakia</i> ² <i>AgroBioTech Research Centre, Slovak University of Agriculture, Tr. A. Hlinku 2, 94976 Nitra, Slovakia</i> ³ <i>Department of Bioenergy, Food Technology and Microbiology, Institute of Food Technology and Nutrition, University of Rzeszow, 4 Zelwerowicza Str., 35-601 Rzeszow, Poland</i>
P4	Lucia Galovičová, Petra Borotová, Veronika Valková, Miroslava Kačániová CINNAMOMUM CASSIA AND CANANGA ODORATA IN THE VAPOR PHASE <i>Institute of Horticulture, Faculty of Horticulture and Landscape Engineering, Slovak University of Agriculture, Tr. A. Hlinku 2, 94976 Nitra, Slovakia</i> <i>AgroBioTech Research Centre, Slovak University of Agriculture, Tr. A. Hlinku 2, 94976 Nitra, Slovakia</i>
P5	Căbuța Mădălina¹, Dumitrescu Gabi², Filimon Nicoleta³, Vlad Tania¹, Popescu Roxana¹ IN VITRO CYTOTOXICITY EVALUATION OF BOSWELLIA SP. ESSENTIAL OIL ¹ <i>University of Medicine and Pharmacy V. Babes Timisoara, Cell and Molecular Biology Department;</i> ² <i>The Banat's University of Agricultural Sciences and Veterinary Medicine "King Michael I of Romania" from Timisoara;</i> ³ <i>West University Timisoara, Faculty of Chemistry-Biology-Geography</i>
P6	Gabi Dumitrescu¹, Liliana Petculescu Ciochină^{1*}, Roxana Popescu², Nicoleta Marioara Carabă³, Ioan Peț¹, Dorel Dronca¹, Mirela Ahmadi¹, Elena Peț¹, Florica Morariu, Damjan Ana Maria¹, EVALUATION OF THE ANTIPROLIFERATIVE EFFECT OF BUTYL METHYLPYRIDINIUM CHLORIDE (4MBPCCL) ON THE HCT-8 CELL LINE, ¹ <i>Banat University of Animal Sciences and Veterinary Medicine – King Michael I of Romania, , 300645, Timișoara, România;</i> ² <i>"Victor Babes" University of Medicine and Pharmacy Timisoara, 300041 Timisoara, Romania</i> ³ <i>West University of Timișoara, 300115 Timișoara, Romania</i>
P7	Kristýna Skoupá^{*1}, Andrej Batic¹, Kamil Šťastný² and Zbyšek Sládek¹ IMPACT OF THE USE OF TESTOSTERONE AND ITS SYNTHETIC DERIVATIVES ON STRUCTURAL CHANGES IN PIG TESTES ¹ <i>Department of Animal Morphology, Physiology and Genetics, Faculty of AgrSciences, Mendel University in Brno, Zemedelska 1, 613 00 Brno, Czech Republic</i> ² <i>Veterinary Research Institute in Brno, Hudcova 296/70, 621 00 Brno, Czech Republic</i>

P8	Lamprini Dimitriou¹, Maria Alexandraki¹, Athanasios Manouras² and Eleni Malissiova^{1*}, MEAT AND MEAT PRODUCTS AUTHENTICITY FOLLOWING THE GREEN DEAL PRIORITY FROM FARM TO FORK: A REVIEW <i>¹ Food of Animal Laboratory, Animal Science Department, University of Thessaly, Gaiopolis Campus, Larisa 41500, Greece , ²Nutrition and Dietetics Department, University of Thessaly, Karies, Trikala 42100, Greece</i>
P9	Maria Alexandraki¹, Athanasios Manouras² and Eleni Malissiova^{1*} SHELF LIFE EXTENSION OF MINCED BEEF MEAT USING XANTHAN GUM AND QUAR GUM EDIBLE COATING CONTAINING ESSENTIAL OIL OF OREGANO <i>¹Food of Animal Laboratory, Animal Science Department, University of Thessaly, Gaiopolis Campus, Larisa 41500, Greece ²Nutrition and Dietetics Department, University of Thessaly, Karies, Trikala 42100, Greece</i>
P10	Jozef Bujko^{*1}, Juraj Candrák¹, Peter Strapák², Cyril Hrnčár³, Mariusz Bogucki⁴ EVALUATION OF LACTOSE PERCENTAGE IN RELATION TO THE SOMATIC CELLS IN MILK OF DAIRY COWS OF THE SLOVAK SPOTTED CATTLE <i>¹Department of Genetic and Animal Breeding Biology, Institute of Nutrition and Genomics, ²Department of Animal Husbandry, ³Department of Small Animal, Institute of Animal Husbandry, Faculty of Agrobiological and Food Resources, Slovak Agricultural University Nitra, ⁴Department of Cattle Breeding, Faculty of Animal Breeding and Biology, University of Technology and Life Sciences In Bydgoszcz, Poland</i>
P11	Jozef Bujko^{1*}, Katarína Hozáková² ANALYSIS OF GROWTH TRAITS IN CALVES OF CHAROLAIS IN DIFFERENT BREEDING CONDITIONS <i>¹Slovak University of Agriculture in Nitra, Faculty of Agrobiological and Food Resources, Institute of Nutrition and Genomics, Department of Genetic and Breeding Biology, Nitra, Slovak Republic ²Slovak university of Agriculture in Nitra, Faculty of Agrobiological and Food Resources, Department of Animal Husbandry, Nitra, Slovak Republic</i>
P12	Ioana Poroşnicu^{1,3*}, Andra S. Neculai-Văleanu³, Adina M. Ariton³, Nicolae I. Bădilaş², Bianca M. Mădescu^{2,3}, Mădălina A. Davidescu² MYCOLOGICAL AND MYCOTOXINIC INVESTIGATIONS OF PLANT SUBSTRATES IN THE MOLDAVIAN PLATEAU AREA <i>¹The "Stefan S. Nicolau" Institute of Virology, Romanian Academy, 030304, Street "Mihai Bravu", no. 285, Bucharest, Romania ²"Faculty of Animal Sciences, University of Agricultural Sciences and Veterinary Medicine of Iasi, 700490, Mihail Sadoveanu Alley, no.3, Romania ³Research and Development Station for Cattle Breeding, 707252, Iasi-Ungheni no.9, Dancu, Iasi, Romania</i>
P13	Ioana Poroşnicu^{1,3*}, Andra S. Neculai-Văleanu³, Adina M. Ariton³, Nicolae I. Bădilaş², Bianca M. Mădescu^{2,3}, Mădălina A. Davidescu² IMPORTANCE OF ASPERGILLUS, PENICILLIUM, FUSARIUM GENERA AND CONTAMINATION CONTROL STRATEGIES <i>¹The "Stefan S. Nicolau" Institute of Virology, Romanian Academy, 030304, Street "Mihai Bravu", no. 285, Bucharest, Romania ²"Faculty of Animal Sciences, University of Agricultural Sciences and Veterinary Medicine of Iasi, 700490, Mihail Sadoveanu Alley, no.3, Romania ³Research and Development Station for Cattle Breeding, 707252, Iasi-Ungheni no.9, Dancu, Iasi, Romania</i>
P14	Katalin Balog^{1,3}, Bíborka Sipos², Szilvia Kusza^{3*}, Zoltán Bagi³ POLYMORPHISM MUSCLE RELATED GENES IN HYBRID AND HUNGARIAN INDIGENOUS SQUAB PIGEONS <i>¹University of Debrecen, Doctoral School of Animal Science, 4032, Debrecen, Böszörményi út 138., Hungary ²University of Debrecen, Faculty of Agricultural and Food Sciences and Environmental Management, 4032, Debrecen, Böszörményi út 138., Hungary ³University of Debrecen Centre for Agricultural Genomics and Biotechnology, Faculty of</i>

Agricultural and Food Sciences and Environmental Management, 4032, Debrecen, Egyetem tér 1., Hungary

- P15** **Bíborka Sipos¹, Katalin Balog^{2,3}, Szilvia Kusza^{3*}, Zoltán Bagi³**
PRECISION SELECTION IN SQUAB PIGEON- LITERATURE REVIEW OF THE POLYMORPHISMS OF MEAT RELATED GENE

¹University of Debrecen, Faculty of Agricultural and Food Sciences and Environmental Management, 4032, Debrecen, Böszörményi út 138., Hungary

²University of Debrecen, Doctoral School of Animal Science, 4032, Debrecen, Böszörményi út 138., Hungary

³University of Debrecen Centre for Agricultural Genomics and Biotechnology, Faculty of Agricultural and Food Sciences and Environmental Management, 4032, Debrecen, Egyetem tér 1., Hungary

- P16** **Père Roger Gaise N'Ganzi¹, Ioana Mihaela Balan^{2*}, Teodor Ioan Trasca^{2*}, Raul Pascalau², Ioan Brad², Remus Gherman²**
FOOD SECURITY IN LOW DEVELOPED COUNTRIES - THE CASE OF THE CONGO D.R.

¹Universite de l'Uele, Couvent Saint Sominique Kinshasa/Limete, Isiro - Kinshasa, Democratic Republic of Congo

²Banat's University of Agricultural Sciences and Veterinary Medicine "King Michael I of Romania" from Timisoara - Romania

- P17** **Ioana Mihaela Balan^{1*}, Remus Gherman^{1*}, Teodor Ioan Trasca¹, Sabry A. El-Khodery², Ioan Brad¹, Ana-Mariana Dincu, Emanuela Diana Gherman¹**
FOOD WASTE WORLDWIDE - TOP 10 COUNTRIES

¹Banat's University of Agricultural Sciences and Veterinary Medicine "King Michael I of Romania" from Timisoara - Romania

²Department of Internal Medicine and Infectious Diseases, Faculty of Veterinary Medicine, Mansoura University - Mansoura, Egypt

- P18** **Martin Anamaria Roxana^{1*}, Balan Ioana Mihaela^{1*}, Trasca Teodor Ioan¹**
ROMANIA FACING THE PROBLEM OF FOOD WASTE

¹Banat's University of Agricultural Sciences and Veterinary Medicine "King Michael I of Romania" from Timisoara - Romania

- P19** **Mirela Ahmadi¹, Lavinia Ștef¹, Gabi Dumitrescu¹, Liliana Ciochină-Petculescu¹, Mărioara Nicula¹, Florica Emilia Morariu¹, Aryan Ahmadi¹, Dorel Dronca¹, Marius Laurian Maftai², Ioan Peț¹**
BIOCHEMISTRY SIGNIFICANCE OF THE "NEW CHOLESTEROL"

¹Banats' University of Agricultural Sciences and Veterinary Medicine "King Michael the 1st of Romania" from Timisoara, 119 Calea Aradului, Timisoara - 300645, Romania

²University of Agronomic Sciences and Veterinary Medicine, Bucharest, Romania, 59 Marasti Avenue, District 1, Bucharest, Romania

- P20** **Dorel Dronca¹, Ioan Pet¹, Lavinia Ștef¹, Gabi Dumitrescu¹, Liliana Ciochină Petculescu¹, Pătruică Silvia¹, Mihaela Ivancia², Marius Maftai³, Marioara Nicula¹, Adela Marcu¹, Sorin Voia¹, Mihaela Cazacu¹, Sandro Pogliatti¹, Mirela Ahmadi¹**
QUANTITATIVE EVOLUTION OF THE WILD ANIMALS POPULATIONS FOR HUNTING FROM 20-BARA

¹Banats' University of Agricultural Sciences and Veterinary Medicine "King Michael the 1st of Romania" from Timisoara, Calea Aradului nr.119, Timisoara - 300645, Romania

²"Ion Ionescu de la Brad" University of Agricultural Sciences and Veterinary Medicine of Iași, 3, Mihail Sadoveanu Alley, Iași, Romania

³University of Agronomic Sciences and Veterinary Medicine, Bucharest, Romania, 59 Marasti Avenue, District 1, Bucharest, Romania

- P21** **Dorel Dronca¹, Ioan Pet¹, Gabi Dumitrescu¹, Lavinia Ștef¹, Liliana Ciochină Petculescu¹, Pătruică Silvia¹, Mihaela Ivancia², Eliza Simiz¹, Marius Maftai³, Marioara Nicula¹, Adela Marcu¹, Mihaela Cazacu¹, Silvia Erina¹, Mirela Ahmadi¹**
ESTIMATION OF SEXUAL DIMORPHISM IN A POPULATION OF DOGS OF THE ROMANIAN MIORITIC SHEPHERD DOG BREED

¹ Banats' University of Agricultural Sciences and Veterinary Medicine "King Michael the 1st of

Romania" from Timisoara", Calea Aradului nr.119, Timisoara - 300645, Romania

²"Ion Ionescu de la Brad" University of Agricultural Sciences and Veterinary Medicine of Iasi, 3, Mihail Sadoveanu Alley, Iasi, Romania

³University of Agronomic Sciences and Veterinary Medicine, Bucharest, Romania, 59 Marasti Avenue, District 1, Bucharest, Romania

- P22** **Adela Marcu, Stef Lavinia, Pet Ioan, Dorel Dronca, Nicula Negu Marioara, Marcu Diana Ioana, Sipos Gabriel, Fleseriu Sebastian, Marcu Adrian, Bencsik Ioan, Julean Calin*, Stef Ducu Sandu**

BODY MEASUREMENTS AND MORPHOLOGICAL EVALUATION OF ROMANIAN RAVEN SHEPHERD DOG

¹ Banats' University of Agricultural Sciences and Veterinary Medicine "King Michael the 1st of Romania" from Timisoara", Calea Aradului nr.119, Timisoara - 300645, Romania

- P23** **Elena Ilişiu^{1,2}, Andreea-Hortanse Anghel¹, Vasile - Călin Ilişiu^{1,2}, Camelia Zoia-Zamfir¹, Cristian-Vasile Ilişiu², Daniela-Rodica Mare¹, Dorina Nadolu¹, Ion-Dumitru Chirteş^{1,2}**

THE INFLUENCE OF SHEEP AGE AT FIRST CALVING ON THE PRODUCTIVE PERFORMANCE OF LAMBS FROM TSIGAI BREED

¹Research and Development Institute for Sheep and Goat Palas - Constanta, I.C. Brătianu, 248, Constanța, Romania

²Caprirom Nord Association, Dedradului, 11, Reghin, Romania

- P24** **Andrei Ciobanu^{1*}, Mihaela Ivancia¹, Andreea D. Șerban¹, Dănuț D. Dronca², Răzvan Al. Popa³, Șteofil Creangă¹**

COMPARATIVE STUDY ON THE AVERAGE DAILY GAIN OF TELEORMAN BLACK HEAD SHEEP LAMBS REARED ON TWO FARMS IN THE NE OF ROMANIA,

¹University of Life Sciences " Ion Ionescu de la Brad" Iasi, Aleea Mihail Sadoveanu nr.3, Iasi, 700490, România

²Banat s University of Agricultural Sciences and Veterinary Medicine, Faculty of Animal Science and Biotechnologies, 300645, Calea Aradului 119, Timisoara, Romania

³University of Agricultural Sciences and Veterinary Medicine, 59 Marasti, 1 district, 011464 Bucharest, Romania

- P25** **Cyril Hrnčár, Emília Hanusová, Anton Hanus, Jozef Bujko**
STUDY OF TIME INTERVALS OF EGG FORMATION IN ORAVKA HENS

Faculty of Agrobiology and Food Resources, Slovak University of Agriculture in Nitra, Tr. A. Hlinku 2, 949 76 Nitra, Slovak Republic

- P26** **Cyril Hrnčár, Emília Hanusová, Anton Hanus, Jozef Bujko**
EFFECT OF TIME INTERVALS OF EGG FORMATION ON SOME QUALITY CHARACTERISTICS OF ORAVKA CHICKEN EGGS

Faculty of Agrobiology and Food Resources, Slovak University of Agriculture in Nitra, Tr. A. Hlinku 2, 949 76 Nitra, Slovak Republic

- P27** **Gavojdian D.*, Nicolae I., Mincu M.**
CROSSBREEDING LOW PERFORMING DAIRY COWS WITH BEEF SIRES TO IMPROVE CALVES GROWTH AND FARM RETURNS

Research and Development Institute for Bovine, Balotesti, 077015, sos. Bucuresti-Ploiesti km 21, Ilfov, Romania

- P28** **Gavojdian D.*, Mincu M.**
EVALUATING CATTLE WELFARE THROUGHOUT THE USE OF BEHAVIOURAL AND VOCAL INDICATORS: A REVIEW

Research and Development Institute for Bovine, Balotesti, 077015, sos. Bucuresti-Ploiesti km 21, Ilfov, Romania

- P29** **Ariton Adina-Mirela¹, Ioana Porosnicu¹, Andra-Sabina Neculai-Văleanu¹, Ioana-Cristina Crivei¹, Sănduleanu Cătălina¹, Alina-Narcisa Postolache¹, Trincă Lucia-Carmen²**
STRATEGIES FOR IDENTIFYING AND PREVENTING FUNGAL MASTITIS IN DAIRY COWS

¹Research and Development Station for Cattle Breeding Dancu, Iasi - Ungheni Alley No. 9, 707252, Iasi, Romania ²Faculty of Horticulture, Iasi University of Life Sciences, Mihail Sadoveanu Alley No. 3, 700490 Iasi, Romania

- P30** **Ariton Adina-Mirela^{1*}, Neculai-Valeanu Andra-Sabina¹, Crivei Ioana-Cristina¹, Postolache Narcisa-Alina¹, Sanduleanu Catalina¹, Porosnicu Ioana¹, Elena Ungureanu²**
INVESTIGATION OF HEAVY METALS CONTENT IN RAW MILK SAMPLES FROM DAIRY COWS – A SYSTEMATIC REVIEW
¹Research and Development Station for Cattle Breeding Dancu, Iași - Ungheni Alley No. 9, 707252, Iași, Romania ²Faculty of Horticulture, Iasi University of Life Sciences, Mihail Sadoveanu Alley No. 3, 700490 Iasi, Romania
-
- P31** **Ioana-Cristina Crivei, Alina-Narcisa Postolache, Mirela Ariton, Cătălina Sănduleanu, Ioana Poroșnicu, Teodor Bugeac**
MICROBIOLOGICAL QUALITY ASSESSMENT IN RAW MILK EVALUATION USING SOLERIS SYSTEM AS A RAPID ALTERNATIVE METHOD
Research and Development Station for Cattle Breeding Dancu, Iasi-Ungheni Alley, No. 9, 707252
-
- P32** **Găvan Constantin¹, Riza Mihaela¹, Motorga Vergil¹**
LAMENESS DETECTION AND FOOT LESIONS IDENTIFIED DURING HOOF TRIMMING IN DAIRY COWS
¹Agriculture Research and Development Station Șimnic – Craiova, Șoseaua Bălcești, number 54, Dolj Romania
-
- P33** **Daniela Elena Ilie^{1*}, Alexandru Eugeniu Mizeranschi¹, Ciprian Valentin Mihali¹, Radu Ionel Neamt¹, Karima Gh. M. Mahmoud²**
THE NOTCH2 AND NOTCH4 GENES ARE ASSOCIATED WITH REPRODUCTIVE TRAITS IN ROMANIAN SIMMENTAL CATTLE
¹Research and Development Station for Bovine - Arad, 310059, Arad, Bodrogului 32, Romania ²National Research Centre, Dokki, Tahrir Street, 12622 Giza, Egypt
-
- P34** **Neamt I. Radu^{1*}, Săplăcan Gheorghe¹, Neciu C. Florin¹, Ilie E. Daniela¹, Mihali V. Ciprian¹, Mizeranschi E. Alexandru¹, Săplăcan I. Silviu¹, Csiszter T. Ludovic², Neculai Dragomir¹**
IS FORAGE CHICORY A VIABLE LIVESTOCK FEED OPTION?
¹Research and Development Station for Bovine – Arad, 310059, Arad, Bodrogului, 32, Romania ²Banat's University of Agricultural Sciences and Veterinary Medicine "King Michael I of Romania" from Timisoara, Bioengineering Faculty of Animal Resources, 300645, Timisoara, Calea Aradului no. 119, Romania
-
- P35** **Adela Marcu, Stef Lavinia, Julean Calin, Pet Ioan, Gherasim Voichita, Pacala Nicolae, Caraba Ion Valer, Dorel Dronca, Nicula Negu Marioara, Rus Vasile, Stef Ducu Sandu***
EFFECT OF THE SUPPLEMENTATION WITH PROTECTED FATS IN THE DIET OF DAIRY COWS ON THE QUANTITY AND QUALITY OF MILK - REVIEW
¹ Banats' University of Agricultural Sciences and Veterinary Medicine "King Michael the 1st of Romania" from Timisoara", Calea Aradului nr.119, Timisoara - 300645, Romania
-
- P36** **Carabă Ion¹, Păcală Nicolae¹, Ștef Lavinia¹, Peț Ioan¹, Marcu Adela¹, Ștef Ducu¹, Dronca Dorel¹, Julean Călin^{1*}**
THE EFFECT OF NUTRIENTS ON THE REPRODUCTIVE PERFORMANCE OF DAIRY COWS
¹Banats' University of Agricultural Sciences and Veterinary Medicine "King Michael the 1st of Romania" from Timisoara", Calea Aradului nr.119, Timisoara - 300645, Romania
-
- P37** **Remus Chiorean, Adrian Bota, Horatiu Bujdei**
THE EFFECT OF GNRH AND PGF2A ADMINISTRATION ON ESTRUS ONSET AND DAIRY BUFFALOES CONCEPTION RATE
Research and Development Station for Buffalo, Sercaia, 507195, street Campului, no 2, Brasov county, Romania
-
- P38** **Bianca-Maria Mădescu^{1,2}, Roxana Lazăr¹, Andra-Sabina Neculai-Văleanu², Ioana Poroșnicu, Paul Corneliu Boișteanu¹**
RESEARCH ON THE DIFFERENCES IN THE AVERAGE DAILY GAIN RECORDED IN AUBRAC BULLS
¹"Ion Ionescu de la Brad" University of Life Sciences, Faculty of Food and Animal Sciences , 700490, Mihail Sadoveanu Alley, no. 3, Iasi, Romania;²Research and Development Station for Cattle Breeding, no.9, 707252, Iasi-Ungheni, no.9, Iasi, Romania ³The Stefan S. Nicolau Institute of Virusology, Romanian Academy, 030304, Street Mihai Bravu, no. 285, Bucharest, Romania
-

- P39** Bianca-Maria Mădescu^{1,2}, Roxana Lazăr¹, Andra-Sabina Neculai-Văleanu², Ioana Poroșnicu^{2,3}, Paul Corneliu Boișteanu¹
BODY MEASUREMENTS ON THE AUBRAC CATTLE BREED: A REVIEW
¹"Ion Ionescu de la Brad" University of Life Sciences, Faculty of Food and Animal Sciences, 700490, Mihail Sadoveanu Alley, no. 3, Iasi, Romania
²Research and Development Station for Cattle Breeding, no.9, 707252, Iasi-Ungheni, no.9, Iasi, Romania
³The Stefan S. Nicolau Institute of Virology, Romanian Academy, 030304, Street Mihai Bravu, no. 285, Bucharest, Romani
-
- P40** Pavlović I.^{1*}, Caro-Petrović V.², Bojkovski J.³, Relić R.⁴, Zdravković N.¹, Ružić Musić D.²
PROTOSAN INFECTION IN FLOCKS OF SMALL RUMINANTS IN BELGRADE AREA DURING 2020
¹Scientific Veterinary Institute of Serbia, J.Janulisa 14, Belgrade, Serbia; ²Institute for Animal Husbandry, Belgrade-Zemun, Autoput 16, Serbia; ³Faculty of Veterinary Medicine, University in Belgrade, Bul.Oslobodjenja 18, Belgrade, Serbia; ⁴Faculty of Agriculture, University in Belgrade, Nemanjina 6, Belgrade-Zemun, Serbia
-
- P41** R. Burlacu
MATHEMATICAL MODEL FOR ENERGO-PROTEIN METABOLISM IN DAIRY COWS
University of Agronomic Sciences and Veterinary Medicine of Bucharest
-
- P42** Rodica Stefania Pelmus, Horia Grosu, Mircea Catalin Rotar, Mihail Alexandru Gras, Cristina Lazar
ANALYSIS OF LONGEVITY IN ROMANIAN SPOTTED, SIMMENTAL TYPE CATTLE BREED
National Research-Development Institute for Animal Biology and Nutrition, 1, Calea Bucuresti, 077015, Balotesti, Romania
-
- P43** Martina Lecová, Zuzana Andrejčáková, Drahomíra Sopková, Radoslava Vlčková
THE EFFECT OF FLAXSEED ON THE PORCINE UTERUS
Department of Biology and Physiology, University of Veterinary Medicine and Pharmacy in Košice, Komenského 73, 041 81 Košice, Slovak Republic
-
- P44** Dimitrios Gourdouvelis¹, Ioannis Mitsopoulos², Vassilios Dotas¹, Maria Tsiouni², Vassilios Babidis²
THE EXPLOITATION OF GRAZING LANDS FROM SUCKLER COWS IN THE REGION OF CENTRAL MACEDONIA, GREECE
¹Department of Animal Production, Faculty of Agriculture, Aristotle University of Thessaloniki, 54124 Thessaloniki, Greece
²Department of Agriculture, International Hellenic University, 57400 Thessaloniki, Greece
-
- P45** Flavia Luminița Bochiș
FROM DISCOMFORT TO GASTRIC SYNDROME IN HORSES
Banat's University of Agricultural Sciences and Veterinary Medicine from Timișoara, Faculty of Animal Sciences and Biotechnologies, 300645-Timisoara, Calea Aradului, 119, Romania
-
- P46** Solomon Tiruneh¹, Shambel Kiross¹, Abito Asres¹, Desalegn Ayichew², Getasew Esayas¹, Molla Bishaw¹
EVALUATION OF BRACHIARIA GRASS CULTIVARS PRODUCTIVITY IN LOWLANDS OF EASTERN AMHARA
¹Sirinka Agricultural Research Center, P.O. Box 74, Woldia, Ethiopia
²Andassa Livestock Research Center, P.O. Box 27, Bahir Dar, Ethiopia
-
- P47** Saida Feier-David^{1*}, Daniel Dicu¹, Alexandra Ferencz¹, Ioan Peț¹
THE INFLUENCE OF SOIL FERTILITY AND PRECURSOR PLANT ON TRITICOSECALE CROP PRODUCTION
¹Banat University of Agricultural Sciences and Veterinary Medicine "King Michael I of Romania" from Timisoara, Calea Aradului, 119, 300645, Timisoara, Romania
-

P48	Calin Julean¹, Daniel Popovici², Ioana Pandur¹, Lavinia Stef¹, Adela Marcu¹, Pet Ioan¹, Simiz Eliza¹, Colibar Olimpia¹ BODY PROTEIN RESERVE AND POSSIBILITIES FOR IMPROVEMENT IN HONEY BEE COLONIES - REVIEW <i>¹Banat's University of Agricultural Sciences and Veterinary Medicine "King Michael I of Romania" from Timisoara, Calea Aradului 119, 300645, Romania</i> <i>²SC Dulcofruct SRL, Research & Development Department, Golesti de sus, Cotesti, Vrancea, 627102, Romania</i>
P49	Moraru D¹, Grozea A¹, Pătruică Silvia¹ USE OF APICULTURE PRODUCTS IN AQUACULTURE - REVIEW <i>¹Banat's University of Agricultural Sciences and Veterinary Medicine "King Michael the 1st of Romania" from Timisoara, Calea Aradului nr.119, Timisoara - 300645, Romania</i>
P50	Rășinar A¹, Pătruică Silvia^{1*} THE BIOTECHNOLOGICAL POTENTIAL OF BEE VENOM: REVIEW <i>Banat University of Agricultural Sciences and Veterinary Medicine „Regele Mihai I al României” din Timișoara, Faculty of Animal Science and Biotechnologies, 119, Calea Aradului, 300645, Timisoara, Romania</i>
P51	Petruța Gherescu, Adrian Grozea EFFECT OF DIETARY CORIANDER (CORIANDRUM SATIVUM) ON FISH – REVIEW <i>Banat's University of Agricultural Sciences and Veterinary Medicine „King Michael I of Romania” from Timișoara, Address – 300645, Timișoara, 119 Calea Aradului, Romania</i>
P52	Elena Eugenia Mocanu, Floricel Maricel Dima, Viorica Savin, Marcel Daniel Popa SEASONAL CHANGES IN BLOOD PARAMETERS IN JUVENILE CYPRINUS CARPIO <i>Institute of Research and Development for Aquatic Ecology, Fishing and Aquaculture of Galati, 800211, no.54 Portului St., Romania</i>
P53	Marcel Daniel Popa¹, Elena Eugenia Mocanu¹, Viorica Savin¹, Desimira Stroe¹, Floricel Dima¹, Neculai Patriche¹ THE INFLUENCE OF WINTERING ON MACRONUTRIENTS IN FISH MEAT, IN SPECIES FROM A WILD HABITAT <i>¹Institute for Research and Development in Aquatic Ecology, Fishing and Aquaculture, 54 Portului Street, 800211 Galati, Romania</i>
P54	Viorica Savin¹, Elena Mocanu¹, Floricel Dima¹, Neculai Patriche¹, Marcel Daniel Popa¹, Victor Cristea² INFLUENCE OF PHYTOGENIC ADDITIVES ON GROWTH PARAMETERS AND MEAT BIOCHEMISTRY IN CYPRINUS CARPIO <i>¹Institute of Research and Development for Aquatic Ecology, Fishing and Aquaculture, 54 Portului Street, RO-800211, Galati, Romania</i> <i>²”Dunărea de Jos” University of Galati, Faculty of Science and Environment, 47 Domnească Street, RO-800008, Galati, Romania</i>
P55	Elena Sîrbu, Veta Nistor, Floricel Maricel Dima, Neculai Patriche, Liliana Blondina Athanasopoulos, Magdalena Tenciu PRELIMINARY RESULTS REGARDING THE GROWTH OF CATFISH IN FLOATING CAGES ON THE IRRIGATION CANAL <i>Aquaculture and Fisheries Engineering Laboratory, Institute for Research and Development in Aquatic Ecology, Fishing and Aquaculture, 54 Portului Street, 800211 Galati, Romania</i>
P56	Veta Nistor, Elena Sîrbu, Floricel Maricel Dima, Neculai Patriche, Liliana Blondina Athanasopoulos, Magdalena Tenciu ENVIRONMENTAL CONDITIONS ASSESSMENT FOR THE CARP CULTURED IN FLOATING CAGES ON THE IRRIGATION CANALS <i>Aquaculture and Fisheries Engineering Laboratory, Institute for Research and Development in Aquatic Ecology, Fishing and Aquaculture, 54 Portului Street, 800211 Galati, Romania</i>

P57	Erika BEILICCI, Camelia STEFANESCU, Robert BEILICCI POSSIBILITIES FOR CAPITALIZING ON ORGANIC MATTER FROM LIVESTOCK FARMS <i>Politehnica University of Timisoara, Faculty of Civil Engineering, Department of Hydrotechnical Engineering</i>
P58	Erika Beilicci, Camelia Stefanescu, Robert Beilicci WATER COURSE QUALITY EVOLUTION NEAR ANIMAL HUSBANDRY FARMS <i>Politehnica University of Timisoara, Faculty of Civil Engineering, Department of Hydrotechnical Engineering</i>
P59	Ana-Mariana Dincu¹, Ioana Mihaela Bălan¹, Orboi Manuela-Dora¹, Marin Diana Cornelia¹, Claudia Sîrbulescu¹ ENTREPRENEURSHIP - AN OPPORTUNITY FOR YOUNG PEOPLE IN ROMANIA <i>¹Banat's University of Agricultural Sciences and Veterinary Medicine "King Michale I of Romania" from Timisoara,, Faculty of Management and Rural Tourism, Calea Aradului, 119, Timisoara, Romania</i>
P60	Ana-Mariana Dincu¹, Ioan Brad¹, Ioana Mihaela Bălan¹, Marin Diana Cornelia¹, Oana Maria Sicoe-Murg¹, Camelia Manescu¹ STUDIES ON THE EVOLUTION OF AGRICULTURAL PRODUCTION IN GORJ COUNTY <i>¹Banat's University of Agricultural Sciences and Veterinary Medicine "King Michale I of Romania" from Timisoara,, Faculty of Management and Rural Tourism, Calea Aradului, 119, Timisoara, Romania</i>
P61	Claudia Sîrbulescu¹, Mariana Chirilă², D. Chirilă² IMPORTANCE OF EVALUATION FOR FINANCIAL REPORTING <i>¹Banat's University of Agricultural Sciences and Veterinary Medicine "King Michael I of Romania" from Timisoara, Faculty of Management and Rural Tourism, Calea Aradului, No 119, Romania</i> <i>²Polytechnic University Timisoara, Piața Victoriei, No.2, Romania</i>
P62	Elena Claudia Sîrbulescu¹, Mariana Chirilă², D. Chirilă², Ana-Mariana Dincu¹ TOURISM IN THE CONTEXT OF ECONOMIC GROWTH AND SUSTAINABLE DEVELOPMENT <i>¹Banat's University of Agricultural Sciences and Veterinary Medicine "King Michael I of Romania" from Timisoara, Faculty of Management and Rural Tourism, Calea Aradului, 119, Romania</i> <i>²Polytechnic University Timisoara, Piața Victoriei, No.2, Romania</i>
P63	Daniela Moț¹, Emil Tîrziu² AFRICAN SWINE FEVER CONTINUES TO BE A PROBLEM IN ROMANIA AND TIMIȘ COUNTY <i>¹University of Agricultural Sciences and Veterinary Medicine, Faculty of Animal Sciences and Biotechnologies, 300645 Timișoara, 119 Aradului Way, Romania</i> <i>²University of Agriculture Sciences and Veterinary Medicine, Faculty of Veterinary Medicine, 300645 Timișoara, 119 Aradului Way, Romania,</i>
P64	Ioan Cristian Iancu¹, Ioan Pet², Mirela Ahmadi², Ana Maria Damjan², Dumitru Popescu², Elena Pet³, Sorin Morariu⁴, Adina Horablaga⁵, Mariana Alina Popescu⁶, Florica Morariu^{2*} SPECIFIC-PROTOCOL OF LABORATORY TECHNIQUES IN THE DIAGNOSIS OF RABIES <i>¹Department of Sanitary Veterinary and Food Safety from Sibiu, Veterinary Sanitary and Food Safety Laboratory Service, Animal Health Department, Virology Department, 550089, Calea Șurii Mari 21, Sibiu, Romania</i> <i>²Bioengineering Faculty of Animal Resources, Banat's University of Agricultural Sciences and Veterinary Medicine „King Mihai I of Romania” from Timisoara, 300645, Calea Aradului 119, Timisoara, Romania</i> <i>³Faculty of Management and Rural Tourism, Banat's University of Agricultural Sciences and Veterinary Medicine „King Mihai I of Romania” from Timisoara, 300645, Calea Aradului 119, Timisoara, Romania</i>

Multidisciplinary Conference on Sustainable Development

Section: Animal Resources Bioengineering

⁴Faculty of Veterinary Medicine, Banat's University of Agricultural Sciences and Veterinary Medicine „King Mihai I of Romania” from Timisoara, 300645, Calea Aradului 119, Timisoara, Romania

⁵Faculty of Agriculture, Banat's University of Agricultural Sciences and Veterinary Medicine „King Mihai I of Romania” from Timisoara, 300645, Calea Aradului 119, Timisoara, Romania

⁶Department of Sanitary Veterinary and Food Safety from Timis, 300585, Str. Surorile Martir Caceu 4, Timisoara, Romania

P65 **Ioana-Cristina Crivei, Cătălina Sănduleanu, Alina-Narcisa Postolache, Adina-Mirela Arition, Ioana Poroșnicu, Andra-Sabina Neculai Văleanu, C. Radu**

PREVALENCE OF LAMENESS IN CATTLE – ASSOCIATED HERD LEVEL RISK FACTORS –

Research and Development Station for Cattle Breeding Dancu, Iasi-Ungheni Alley, No. 9, 707252

P66 **Madalina Alexandra Davidescu, Daniel Simeanu, Cristina Simeanu, Mihaela Ivancia, Șteofil Creangă**

COMPARATIVE ANALYSIS OF TWO DNA EXTRACTION METHODS USED IN GENOMIC RESEARCH IN CATTLE

Iasi University of Life Sciences (IULS): Mihail Sadoveanu Alley, no. 3 - 700490, Iasi, Romania

