
Multidisciplinary Conference on Sustainable Development

Section: Animal Resources Bioengineering



USAMVB TIMISOARA
Multidisciplinary Conference
on Sustainable Development
20 – 21 May, 2021



Scientific Programme

Multidisciplinary Conference on Sustainable Development,
20 – 21 May 2021

Section: Animal Resources Bioengineering



BIOENGINEERING FACULTY OF ANIMAL RESOURCES
TIMIȘOARA, 2021



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

Conferences Programme

1st Day -20 May, 2021 (Thursday)

Registration on-line

10.00 – 10.15 Opening of the Conference

10.15 – 10.30 Plenary Lecture PL1

10.30 – 10.45 Plenary Lecture PL2

10.45 – 11.00 Plenary Lecture PL3

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

Section: Agriculture -Trends in european agriculture development - on-line

12.00–12.10 Opening of the Conference

12.10-13.15 Oral communications

13.10-13.30 Concluding Remarks

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

Section: Agricultural management - Managemnt of sustainable rural development- on-line

14.00–14.10 Opening of the Conference

14.10-15.15 Oral communications

15.15-15.30 Concluding Remarks

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

Section: Food Engineering - Food Chemistry, Engineering & Technology – on-line

16.00–16.10 Opening of the Conference

16.10-18.00 Oral communications

18.00-18.15 Concluding Remarks

2nd Day -21 May, 2021 (Friday)

Registration on-line

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

Section: Bioengineering of Animal Resources - Animal husbandry and biotechnology – on-line

9.00–9.10	Opening of the Conference
9.10-10.25	Oral communications
10.25-10.30	Concluding Remarks

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

Section: Veterinary Medicine - Animal breeding and pathology today – on-line

11.00–11.10	Opening of the Conference
11.10-12.15	Oral communications
12.15-12.30	Concluding Remarks

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

Section: Horticulture and Forestry - Horticulture, Forestry and Biotechnology- on-line

13.00–13.10	Opening of the Conference
13.10-14.15	Oral communications
14.15-14.30	Concluding Remarks

Scientific Programme

1st Day – 20 May, 2021 (Thursday)

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

Registration (ON-LINE)

10.00 -10.10	Welcome speech Prof.dr.eng. Cosmin POPESCU , Rector of Banat's University of Agricultural Sciences and Veterinary Medicine King Michael I of Romania" from Timisoara
10.10-10.15	Conference opening Prof.dr.eng. Isidora RADULOV , Vice-Rector of Banat's University of Agricultural Sciences and Veterinary Medicine King Michael I of Romania" from Timisoara
10.15 -10.30	PL1 - Dr. Michael Rupp , Head of Sector Connectivity and Green Deal, DG NEAR Eastern Partnership, European Commission, " <i>European Green Deal</i> "
10.30-10.45	PL2 - Prof. Dr. habil. Sharon Huws , Queen's University Belfast, United Kingdom; The Institute for Global Food Security „ <i>Ecological interactions within the rumen microbiome shape the ruminant phenotype</i> "
10.45–11.00	PL3 - Dr. Mariam Birma , Ahmadu Bello University, Zaria - Nigeria, " <i>An Overview of Agriculture in Nigeria</i> "
12.00-18.00	Paper presentation on sections

2nd Day – 21 May, 2021 (Friday)

Registration (ON-LINE)

"Iulian Drăcea" Auditorium
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"King Michael I of Romania" from Timișoara

Section: Animal Resources Bioengineering

9:00-9:10	BIOENGINEERING OF ANIMAL RESOURCES 2021 – Opening ceremony Welcome speech Prof.dr.eng. Ioan Peț, Dean of Bioengineering Faculty of Animal Resources - Inaugural
	Prof.dr. eng. Gabi Dumitrescu , <i>Vicedean of the Bioengineering Faculty of Animal Resources, Banat's University of Agricultural Sciences and Veterinary Medicine "King Michael I of Romania" from Timișoara</i>
	Chaired by: Prof. Nicolae Corcionivoschi "Iulian Drăcea" Auditorium Banat's University of Agricultural Sciences and Veterinary Medicine "King Michael I of Romania" from Timișoara
9.10-9.25	OP1. Alexandru Eugeniu Mizeranschi^{1*} , Radu Ionel Neamț ¹ , Ciprian Valentin Mihali ¹ , Mihai Carabaș ² , Daniela Elena Ilie ¹ , A COMPARISON OF TWO SNP MICROARRAY GENOTYPING PLATFORMS IN ROMANIAN BOVINE, ¹ Research and Development Station for Bovine - Arad, Romania, ² Politehnica University of Bucharest, Bucharest, Romania
9.25-9.40	OP2. Marwa S. Younis¹ , Maged El-Ashker ² , Ioana Mihaela Balan ³ , Mohamed El-Diasty ¹ , Mohamed A. Youssef ² , Sabry A. El-khodery ² QUALITY OF THE EFFECT OF CHELATED CHROMIUM ON SELECTED SERUM/PLASMA METABOLITES IN DAIRY CATTLE, ¹ Animal Health Research Institute, Mansoura Branch, Elgomhoria, Mansoura, Egypt, ² Department of Internal Medicine and Infectious Diseases, Faculty of Veterinary Medicine, Mansoura University, Elgomhoria, Mansoura, Egypt, ³ Banat's University of Agricultural Sciences and Veterinary Medicine "King Michael I of Romania" from Timisoara – Romania
9.40-9.55	OP3. Valentin Adrian Bâlțeanu^{1*} , Marcel Amills ² , Tainã Figueiredo Cardoso ² , Ruxandra Karina Sigartău ³ , Attila Zsolnai ⁴ , AN UPDATED JOURNEY INTO THE HISTORY AND GENETIC DIVERSITY OF ROMANIAN MANGALITZA AND BAZNA PIGS, ¹ University of Agricultural Sciences and Veterinary Medicine Cluj-Napoca, Institute of Life Sciences, , ² Center for Research in Agricultural Genomics (CSIC-IRTA-UAB-UB), Campus Universitat Autònoma de Barcelona, Spain; ³ Babes-Bolyai University, Faculty of Mathematics and Informatics, Cluj-Napoca, Romania; ⁴ NARIC-Research Institute for Animal Breeding, Nutrition and Meat Science (ÁTHK), Herceghalom, Gesztenyés u. 1, Hungary.

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9.55 – 10.10	OP4. Gabriela Maria Cornescu , Tatiana Dumitra Panaite and Petru Alexandru Vlaicu , VARIOUS FIBER SOURCES AND LEVELS ON DIGESTIBILITY COEFFICIENTS / SERUM BIOCHEMICAL PARAMETERS IN PIGS, <i>National Institute of Research & Development for Animal Nutrition and Biology, Balotesti, Ilfov, Romania</i>
10.10-10.25	OP7. Francois Djitie Kouatcho ¹ , Razvan Mihail Radu-Rusu ² , Dan-Claudiu Roşca ² , Sotche Merveil Steve ¹ , Eliza Simiz ³ , MORPHOBIOMETRY AND GROWTH PERFORMANCES OF IMPROVED GENETIC TYPES OF CHICKENS (<i>GALLUS GALLUS DOMESTICUS</i>) RAISED IN CAMEROON, ¹ <i>Applied Zoology Laboratory, Faculty of Sciences, University of Ngaoundere, Cameroon</i> , ² <i>University of Agricultural Sciences and Veterinary Medicine of Iasi, Animal Science Faculty, Iasi, Romania</i> , ³ <i>Banat's University of Agricultural Sciences and Veterinary Medicine "King Michael I of Romania" from Timisoara, Bioengineering Faculty of Animal Resources, Timisoara, Romania</i>
10.25-10.30	Concluding Remarks

POSTERS

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- P1** **Ioana Poroşnicu^{1,3*}**, Nicolae I. Bădilaş², Mădălina A. Davidescu^{2,3}, Bianca M. Mădescu^{2,3}, Ioan Coman¹, CONTAMINATION OF PLANT SUBSTRATES EVALUATED BY MYCOLOGICAL AND MYCOTOXICOLOGICAL INVESTIGATIONS, ¹ The "Stefan S. Nicolau" Institute of Virology, Romanian Academy, Bucharest, Romania, ²Faculty of Animal Sciences, University of Agricultural Sciences and Veterinary Medicine of Iasi, ³Research and Development Station for Cattle Breeding, Iasi, Romania
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- P2** **R..Burlacu**, C. Nitu, MATHEMATICAL MODEL TO OPTIMIZE THE REQUIREMENT OF PROTEIN AND ENERGY FOR SWINE, *University of Agricultural Sciences and Veterinary Medicine - Bucharest, România*
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- P3** **Călin Julean**, Lavinia Ştef, Eliza Simiz, Adela Marcu*, Ioan Pet, Mărioara Nicula, Ducu Ştef, EFFECT OF OREGANO AND TEA TREE ESSENTIAL OIL ON BIOPRODUCTIVE INDICES OF BROILER CHICKENS, ¹ Banats' University of Agricultural Sciences and Veterinary Medicine "King Michael the 1st of Romania" from Timisoara", ²"Ion Ionescu de la Brad" University of Agricultural Sciences and Veterinary Medicine of Iaşi, Romania
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- P4** **¹Bianka Tóth** – ¹Zoltán Bagi – ²Péter Bársony – ³Milán Fehér – ¹Szilvia Kusza, LOW GENETIC DIVERSITY IN HUNGARIAN COMMON CARP STRAINS, ¹University of Debrecen, Faculty of Agricultural and Food Sciences and Environmental Management, Centre for Agricultural Genomics and Biotechnology, Debrecen., Hungary, ²University of Debrecen, Faculty of Agricultural and Food Sciences and Environmental Sciences, Department of Animal Nutrition and Food Biotechnology 4032, Debrecen, Hungary, ³University of Debrecen, Faculty of Agricultural and Food Sciences and Environmental Management, Institute of Animal Science, Biotechnology and Nature Conservation, Department of Animal Husbandry, Laboratory of Aquaculture 4032, Debrecen, Hungary
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- P5** **¹Bianka Tóth** – ¹Zoltán Bagi – ²Péter Bársony – ³Katalin Balog – ⁴László Stündl – ¹Szilvia Kusza, GENETIC DIVERSITY OF COMMON CARP STRAINS ON MATERNAL LINE IN HUNGARY – FIRST STEP, ¹ University of Debrecen, Faculty of Agricultural and Food Sciences and Environmental Management, Centre for Agricultural Genomics and Biotechnology 4002, Debrecen, Hungary, ² University of Debrecen, Faculty of Agricultural and Food Sciences and Environmental Sciences, Department of Animal Nutrition and Food Biotechnology 4032, Debrecen, Hungary, ³ University of Debrecen, Faculty of Science and Technology 4032 Debrecen., Hungary, ⁴ University of Debrecen, Faculty of Agricultural and Food Sciences and Environmental Management, Institute of Food Technology 4032 Debrecen., Hungary
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- P6** **Bíborka Sipos¹**, Szilvia Kusza², Bianka Tóth², János Posta³, Péter Gyüre⁴, Péter Bársony⁵, Zoltán Bagi², **ASSESSMENT OF THE GENETIC DIVERSITY OF SQUAB PIGEON BREEDS IN THE CARPATHIAN BASIN-PRELIMINARY STUDY**, ¹University of Debrecen, Faculty of Agricultural and Food Sciences and Environmental Management, Department of Animal Husbandry, Debrecen, ²University of Debrecen, Faculty of Agricultural and Food Sciences and Environmental Management, Centre for Agricultural and Biotechnology 4002, Debrecen,
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³University of Debrecen, Faculty of Agricultural and Food Sciences and Environmental Management, Department of Animal Husbandry, 4032, Debrecen, ⁴University of Debrecen, Faculty of Agricultural and Food Sciences and Environmental Management, Department of Nature Conservation, Zoology and Game Management, 4032, Debrecen, ⁵University of Debrecen, Faculty of Agricultural and Food Sciences and Environmental Sciences, Department of Animal Nutrition and Food Biotechnology 4032, Debrecen, Hungary

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- P7** **Dorel Dronca¹**, Ioan Pet¹, Lavinia Ștef¹, Gabi Dumitrescu¹, Liliana Ciochină Petculescu¹, Pătruică Silvia¹, Mihaela Ivancia², Eliza Simiz¹, Adela Marcu¹, Marioara Nicula¹, Ion Carabă¹, Silvia Erina¹, Mirela Ahmadi¹, ANALYSIS 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", ²"Ion Ionescu de la Brad" University of Agricultural Sciences and Veterinary Medicine of Iași, Romania
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- P8** **Dorel Dronca¹**, Ioan Pet¹, Lavinia Ștef¹, Gabi Dumitrescu¹, Liliana Ciochină Petculescu ¹, Pătruică Silvia¹, Mihaela Ivancia², Adela Marcu¹, Marioara Nicula¹, Ion Carabă¹, Sorin Voia¹, Silvia Erina¹, Mirela Ahmadi¹, QUANTITATIVE EVOLUTION OF THE WILD ANIMALS POPULATIONS FOR HUNTING FROM 16-SARLOTA, ¹ Banats' University of Agricultural Sciences and Veterinary Medicine "King Michael the 1st of Romania" from Timisoara", ²"Ion Ionescu de la Brad" University of Agricultural Sciences and Veterinary Medicine of Iași, Romania
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- P9** **Madalina Alexandra Davidescu¹²**, Mitica Ciorpac¹², Bianca Maria Madescu¹², Ioana Porosnicu², Steofil Creanga¹, ANALYSIS OF THE GENETIC DIVERSITY OF ENDANGERED CATTLE BREEDS BASED ON STUDIES OF GENETIC MARKERS, ¹Ion Ionescu de la Brad University of Agricultural Sciences and Veterinary Medicine of Iasi, Faculty of Animal Sciences, Iasi, Romania, ²Research and Development Station for Cattle Breeding, Iasi, Romania
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- P10** **Madalina Alexandra Davidescu¹²**, Andrei C. Grădinaru¹, Constantin Pascal¹, Daniel Simeanu¹, Vasile Maciuc¹, Mihaela Ivancia¹, Steofil Creanga¹, ANALYSIS OF THE MITOCHONDRIAL GENOME IN PODOLIAN CATTLE BREEDS, ¹Ion Ionescu de la Brad University of Agricultural Sciences and Veterinary Medicine of Iasi, Romania ²Research and Development Station for Cattle Breeding, Iasi, Romania
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- P11** **Mirela Ahmadi¹**, Lavinia Ștef¹, Gabi Dumitrescu¹, Liliana Ciochină-Petculescu¹, Nicula Mărioara¹, Morariu Florica Emilia¹, Dorel Dronca¹, Maftai Marius Laurian², Ioan Peț¹, ANTIVIRAL PROTECTION AND THERAPY OF NATURAL PRODUCTS, ¹Faculty of Bioengineering of Animal Resources, University of Agricultural Sciences and Veterinary Medicine of Banat "King Michael I of Romania", Timișoara - Romania; ². Faculty of Animal Productions Engineering and Management, University of Agricultural Sciences and Veterinary Medicine of Bucharest, Romania
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- P12** **Mirela Ahmadi¹**, Lavinia Ștef¹, Gabi Dumitrescu¹, Liliana Ciochină-Petculescu¹, Mihaela Ivancia², Morariu Florica Emilia¹, Dorel Dronca¹, Maftai Marius Laurian³, Ioan Peț¹, GABA – AN IMPORTANT ELEMENT IN ANIMAL SCIENCES, ¹Faculty of Bioengineering of Animal Resources, University of Agricultural Sciences and Veterinary Medicine of Banat "King Michael I of Romania", Timișoara - Romania; ². Faculty of Food and Animal Sciences, "Ion Ionescu de la Brad" University of Agricultural Sciences and Veterinary Medicine of Iasi, Romania; ³. Faculty of Animal Productions Engineering and Management, University of Agricultural Sciences and Veterinary Medicine of Bucharest, Romania
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- P13** **Petra Borotová^{1,2}**, Lucia Galovičová³, Eva Tvrdá², Jana Žiarovská⁴, Miroslava Kačániová^{3,5}, BIOLOGICAL ACTIVITY OF *CITRUS AURANTIUM* VAR. *BERGAMIA* ESSENTIAL OIL AS A FOOD SPOILAGE INHIBITOR, ¹ *Slovak University of Agriculture, AgroBioTech Research Centre, Nitra, Slovakia*, ² *Slovak University of Agriculture, Faculty of Biotechnology and Food Sciences, Slovakia*, ³ *Slovak University of Agriculture, Faculty of Horticulture and Landscape Engineering, Nitra, Slovakia*, ⁴ *Slovak University of Agriculture, Faculty of Agrobiology and Food Resources, Nitra, Slovakia*, ⁵ *University of Rzeszow, Institute of Food Technology and Nutrition, Poland*
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- P14** **Lucia Galovičová¹**, Petra Borotová^{2,3}, Hana Ďúranová³, Veronika Valková^{1,3}, Miroslava Kačániová^{1,4}, ACTIVITY OF *ORIGANUM VULGARE* ESSENTIAL OIL IN LIQUID AND VAPOR PHASE AGAINST PATHOGENIC MICROORGANISMS, ¹ *Slovak University of Agriculture, Faculty of Horticulture and Landscape Engineering, Nitra, Slovakia*, ² *Slovak University of Agriculture, Faculty of Biotechnology and Food Sciences, Nitra Slovakia*, ³ *Slovak University of Agriculture, AgroBioTech Research Centre, Nitra, Slovakia*, ⁴ *University of Rzeszow, Institute of Food Technology and Nutrition, Poland*
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- P15** **Miroslava Kačániová¹**, Katarína Miklášová¹, Simona Kunová², Lucia Galovičová¹, Petra Borotová^{2,3}, Veronika Váľková^{1,3}, Jana Žiarovská⁴, Margarita Terentjeva⁵, ANTIMICROBIAL AND ANTIOXIDANT ACTIVITY OF ELDER, STINGING NETTLE, MARIGOLD AND RIBWORT PLANTAIN, ¹*Slovak University of Agriculture, Faculty of Horticulture and Landscape Engineering, Nitra Slovakia*, ²*Slovak University of Agriculture, Faculty of Biotechnology and Food Sciences, Nitra, Slovakia*, ³*Slovak University of Agriculture, AgroBioTech Research Centre, Nitra, Slovakia*, ⁴*Slovak University of Agriculture, Faculty of Agrobiology and Food Resources, Nitra Slovakia*, ⁵*Latvia University of Life Sciences and Technologies, Faculty of Veterinary Medicine, Jelgava, Latvia*
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- P16** **Miroslava Kačániová¹**, Jakub Mankovecký, Lucia Galovičová¹, Petra Borotová^{2,3}, Simona Kunová², Margarita Terentjeva⁴, ANTIMICROBIAL EFFECT OF MEDICINAL PLANTS ON MICROBIOLOGICAL QUALITY OF GRAPE JUICE, ¹*Slovak University of Agriculture, Faculty of Horticulture and Landscape Engineering, Nitra Slovakia*, ²*Slovak University of Agriculture, Faculty of Biotechnology and Food Sciences, Nitra, Slovakia*, ³*Slovak University of Agriculture, AgroBioTech Research Centre, Nitra, Slovakia*, ⁴*Latvia University of Life Sciences and Technologies, Faculty of Veterinary Medicine, Jelgava, Latvia*
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- P17** **Veronika Valková^{1,2}**, Hana Ďúranová¹, Lucia Galovičová², Simona Kunová³, Lucia Gabríny¹, Miroslava Kačániová^{2,4} IDENTIFICATION OF BACTERIAL SPECIES ISOLATED FROM BISCUITS IN RESPONSE TO THEIR STORAGE PERIOD, ¹*AgroBioTech Research Centre, Slovak University of Agriculture in Nitra, Slovakia*, ²*Department of Fruit Science, Viticulture and Enology, Faculty of Horticulture and Landscape Engineering, Slovak University of Agriculture, Nitra, Slovakia*, ³*Department of Food Safety and Hygiene, Faculty of Biotechnology and Food Sciences, Slovak University of Agriculture, Nitra, Slovakia*, ⁴*Institute of Food Technology and Nutrition, Department of Bioenergy, Food Technology and Microbiology, University of Rzeszow, Poland*
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- P18** **Vintila Teodor¹**, Sava Camelia², Moț Daniela¹, Gaspar Eniko², Barbu Horia², Călin Julean¹, LYOPHILISATION OF LACTIC BACTERIA WITH PROBIOTIC EFFECT FOR PRODUCTION OF STARTER CULTURES, ¹*BUASVM "King Michael I of Romania" from Timișoara, Faculty of Bioengineering and Animal Resources, Timișoara, Romania*, ²*Lucian Blaga University, Faculty of Agricultural Science, Food Industry and Environment Protection, Sibiu, Romania*.
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P19	Adrian Bota , Horatiu Bujdei, Remus Chiorean, OESTRUS SYNCHRONIZATION AND ARTIFICIAL INSEMINATION AT FIXED TIMES PROTOCOLS IN DAIRY BUFFALOES, <i>Research and Development Station for Buffalo, Sercaia, Brasov county, Romania</i>
P20	Adrian Bota , Horatiu Bujdei, Remus Chiorean, STUDY OF THE METABOLIC PROFILE IN BUFFALOES WITH PROLONGED ANESTRUS, <i>Research and Development Station for Buffalo, Sercaia, , Brasov county, Romania</i>
P21	Găvan C.¹ , Riza M. ¹ SURVIVAL OF HOLSTEIN FRIESIAN HEIFERS THROUGH TO FOURTH CALVING ON A RESEARCH FARM, <i>¹Agriculture Research and Development Station Șimnic – Craiova, Dolj Romania</i>
P22	Ioana Dana Pandur , N. Păcală, V. Carabă, COMPARATIVE ANALYSIS OF MATERIAL COSTS IN CLASSICAL AND POST CERVICAL SOW ARTIFICIAL INSEMINATION. <i>Banat's University of Agricultural Sciences and Veterinary Medicine "King Michael I of Romania" from Timisoara</i>
P23	Ion Valeriu Carabă¹ , Marioara Nicoleta Filimon ² , Ioana Pandur ³ , STUDIES ON THE VIABILITY OF CAT OOCYTES AFTER STORAGE AT DIFFERENT TIME INTERVALS, <i>^{1, 3}Banats' University of Agricultural Sciences and Veterinary Medicine "King Michael the I st of Romania" from Timisoara", Romania, ²West University of Timișoara, Faculty of Chemistry-Biology-Geography, Department of Biology-Chemistry, Timisoara, Romania</i>
P24	Ludovic Toma Csiszter , Silvia Elena Erina, Simona Baul, Flavia Luminița Bochiș, Denis Benea, STUDY ON RELATIONSHIP BETWEEN LIMOUSIN COWS' TEMPERAMENT, THEIR BODY WEIGHT AND CALF GROWTH, <i>Banat University of Agricultural Sciences and Veterinary Medicine Timișoara, Romania</i>
P25	Silvia Elena Erina , Simona Baul, Stelian Acatincăi, Ovidiu Silviu Rugan, Cătălin Bogdan Rugan, Ludovic Toma Csiszter, INFLUENCE OF FARM ON THE MILK PRODUCTION AND REPRODUCTION INDICES OF THE ROMANIAN SPOTTED COWS, <i>Banat University of Agricultural Sciences and Veterinary Medicine Timișoara, Romania</i>
P26	Silvia Elena Erina , Simona Baul, Stelian Acatincăi, Antonel Gilezan, Ludovic Toma Csiszter, STUDY ON GROWTH PERFORMANCE OF PUREBRED AND HYBRID HEREFORD CALVES, <i>Banat University of Agricultural Sciences and Veterinary Medicine Timișoara, Romania</i>
P27	Radu Ionel Neamț , EFFECTS OF NON-GENETIC INFLUENTIAL FACTORS ON SERVICE PERIOD LENGTH IN ROMANIAN BROWN BREED, <i>Research and Development Station for Bovine – Arad, Romania</i>
P28	Radu Ionel Neamț , EFFECTS OF YEAR AND SEASON ON CALVING INTERVAL IN ROMANIAN BROWN CATTLE, <i>Research and Development Station for Bovine – Arad, Romania</i>
P29	Bianca-Maria Mădescu¹ , Roxana Lazăr ¹ , Mădălina-Alexandra Davidescu ¹ , Ioana Poroșnicu ² , Paul Corneliu Boișteanu ¹ , RESEARCH ON HEMATOLOGICAL PARAMETERS IN AUBRAC CATTLE BREED EXPLOITED ON THE CONDITIONS OF ROMANIA, <i>¹University of Agricultural Sciences and Veterinary Medicine, Faculty of Animal Sciences, Iasi, Romania, ²The Stefan S. Nicolau Institute of Virology, Romanian Academy, Bucharest, Romania</i>

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- P30** **Andrei Ciobanu**¹, Roxana-Nicoleta Rațu², Dănuț Dorel Dronca³, Mihaela Ivancia⁴, STUDY ON THE INCIDENCE OF TWIN LAMBINGS IN A LACAUNE SHEEP POPULATION, ^{1,2,4}*Universitatea de Științe Agricole și Medicină Veterinară "Ion Ionescu de la Brad" , Iași, România*³:*Universitatea de Științe Agricole și Medicină Veterinară a Banatului „Regele Mihai I al României” , Timișoara, România*
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- P31** **Elena Ilișiu**^{1,2}, Andreea-Hortanșe Anghel¹, Cristian-Vasile Ilișiu², Camelia Zoia-Zamfir¹, Vasile- Călin Ilișiu², Dorina Nadolu¹, PRELIMINARY RESULTS ON LAMBS PERFORMANCES OF TSIGAI BREED FED WITH DIFFERENT DIETS, ¹Research and Development Institute for Sheep and Goat Palas - Constanta,, Romania, ²Caprirom Nord Association, Reghin, Romania
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- P32** **Maria Sauer**¹, Ioan Sauer¹, Ioan Padeanu^{1,2}, Daniela Valusescu¹, Ana Gina Armas¹, Mihaela Florentina Albulescu¹, Grigorescu Alexandru², Octavian Sorin Voia^{1,2}, THE EFFECT OF SOME PRE AND PROBIOTICS ON THE VALORIZATION OF WHEAT STRAWS IN YOUNG SHEEP FATTENING, ¹*Research and Development Station for Sheep and Goats, Romanian Academy for Agricultural and Forestry Sciences, Caransebes, Romania*, ²*Banat's University of Agricultural Sciences and Veterinary Medicine, Faculty of Animal Resources Bioengineering, Timisoara*
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- P33** **Ioan Tibru**^{1,2}, Maria Sauer², Ana Gina Armas², Daniela Valusescu², Ion Negrea², Mihaela Florentina Albulescu², Ioan Walter Sauer², PATTERNS OF MATERNAL BEHAVIOUR IN SHEEPS, ¹Banat's University of Agricultural Sciences and Veterinary Medicine "King Michael I of Romania" from Timisoara, Faculty of Veterinary Medicine, Timisoara, Romania, ²Research and Development Station for Sheep and Goats, Romanian Academy for Agricultural and Forestry Sciences, Caransebes, Romania
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- P34** **Flavia Bochiș**, HEMATOLOGICAL DYNAMICS IN JUMPING HORSES
Banat University of Agricultural Sciences and Veterinary Medicine Timișoara, Romania
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- P35** **Flavia Bochiș**, EQUESTRIAN ACTIVITIES IN ROMANIA: THE VAULTING DISCIPLINE, *Banat University of Agricultural Sciences and Veterinary Medicine Timișoara, Romania*
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- P36** **Ludovic Toma Csiszter**, Silvia Elena Erina, Simona Baul, Flavia Luminița Bochiș, Carina Rebeca El Ouazzani-Pop, STUDY ON BODY SIZE OF NONIUS HORSE POPULATION FROM IZVIN, TIMIȘ COUNTY, *Banat University of Agricultural Sciences and Veterinary Medicine Timișoara, Romania*
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- P37** **Erika Beilicci**, Camelia Stefanescu, Robert Beilicci, MODELING AQUIFER POLLUTION NEAR LIVESTOCK FARMS USING ADVANCED HYDROINFORMATIC TOOLS, *Politehnica University of Timisoara, Faculty of Civil Engineering, Department of Hydrotechnical Engineering*
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- P38** **Erika Beilicci**, Camelia Stefanescu, Robert Beilicci, MODELING WATER COURSES POLLUTION NEAR LIVESTOCK FARMS USING ADVANCED HYDROINFORMATIC TOOLS, *Politehnica University of Timisoara, Faculty of Civil Engineering, Department of Hydrotechnical Engineering*
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- P39** **Morariu Florica**¹, Peț Ioan¹, Marin Anca-Andreea¹, Horablaga Adina², Horablaga Marinel², Rotariu Lia Sanda³, EVALUATION OF BEGA RIVER WATER QUALITY USINGBIOTIC INDICES, ¹*University of Agricultural Sciences and Veterinary Medicine "King Michael I of Romania" from Timisoara*
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