



BIOENGINEERING OF ANIMAL RESOURCES 2020 SECTION PROGRAM

THURSDAY October 8, 2020 / JOI, 8 Octombrie 2020

BANAT'S UNIVERSITY OF AGRICULTURAL SCIENCES AND VETERINARY MEDICINE

“KING MICHAEL I OF ROMANIA” FROM TIMIȘOARA

300645, Timișoara, Calea Aradului, nr. 119; tel: 0040/256/277009;

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BIOENGINEERING FACULTY OF ANIMAL RESOURCES TIMIȘOARA

300645, Timișoara, Calea Aradului, nr. 119; tel: 0040/256/277110;

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INTERNATIONAL CONFERENCE ON LIFE SCIENCE

(online)

TIMIȘOARA
October 8 – 9, 2020

10:00 -10:05	Opening Ceremony / Ceremonia de deschidere (<i>Julian Drăcea</i> Lecture Hall) Inaugural Prof.dr.eng. Cosmin POPESCU , Rector of Banat's University of Agricultural Sciences and Veterinary Medicine King Michael I of Romania” from Timisoara Cuvânt de deschidere Prof.dr.ing. Cosmin POPESCU , Rector USAMVB Timișoara
10:05-10:10	Inaugural Prof.dr.eng. Isidora RADULOV , Vice-Rector of Banat's University of Agricultural Sciences and Veterinary Medicine King Michael I of Romania” from Timisoara Cuvânt de deschidere Prof.dr.ing. Isidora RADULOV , Prorector USAMVB Timișoara
10:10 -10:30	”Science, the media and communication” Morosan Serban - Director UMS (unité mixte de service) French National Institut of Health and Medical Research (INSERM) Sorbonne University, Associate Professor (USAMV Iasi)
10:30-10:50	”Sustaining the Natural Wonders of the Caribbean and the Communities who Depend on them” Huswald Timothee - Honorary Consul General of Romania in Haiti, President of College Universitaire de Roumanie in Haiti, President of the Fund for Biodiversity in Haiti
10:50–11:10	”Probiotic Approaches to modifying the microbial populations: how do you choose and why?” Todd Riley Callaway – Professor - University of Georgia, Department of Animal and Dairy Science

11:10-11:30 „Impact of industrial production system parameters on chicken microbiomes: mechanisms to improve performance and reduce Campylobacter”
Ozan Gundogdu - Assistant Professor - Department of Infection Biology, LSHTM: London School of Hygiene and Tropical Medicine

17:00-17:10 BIOENGINEERING OF ANIMAL RESOURCES 2020 - Opening Ceremony (*Julian Drăcea Lecture Hall*)
BIOINGINERIA RESURSELOR ANIMALIERE 2020 - Ceremonia de deschidere (*Aula Magna Iulian Drăcea*)

Inaugural
Prof.dr.eng. Ioan Peț, Dean of Faculty of Bioengineering of Animal Resources
Cuvânt de deschidere
Prof.dr.ing. Ioan Peț, Decanul Facultății de Bioingineria Resurselor animale

17:10 - 19:00 Plenary Speakers / Prezentări plenare
(*Julian Drăcea Lecture Hall*)

Poster Session / Sesiunea de postere

Nutrition and Animal Feeding, Food Crops, Tehnologies Applied in Animal Husbandry and Aquaculture

Nutriția Și Alimentația Animalelor, Culturi Furajere, Tehnologii de Creștere a Animalelor și Acvacultură

Biotechnologies, Animal Reproduction and Genetics

Biotehnologii, Reproducție, Ameliorare, Genetică

Fundamental Sciences in Animal Husbandry, Management and Marketing, Ecology, Miscellaneous

Științe Fundamentale în Creșterea Animalelor, Management și Marketing, Ecologie, Diverse

FRIDAY October 9, 2020 / VINERI, 9 octombrie 2020

09:00-18:00 Poster Session / Sesiunea de postere

**Plenary Speakers (*Iulian Drăcea* Lecture Hall)
Prezentări plenare (Aula Magna *Iulian Drăcea*)**

Thursday, October 8, 2020
Joi, 8 Octombrie, 2020

Session chair/Moderatori:

Prof.dr. Ioan PEȚ
Prof. dr. Nicolae CORCIONIVOSCHI
Prof.dr. Gabi DUMITRESCU

Secretary/Secretar: Asist. Eng. dr. Dumitru POPESCU

17:10 -17:25	Igori Balta ANTIVIRAL ACTIVITY OF A NOVEL MIXTURE OF NATURAL ANTIMICROBIALS, IN VITRO, AND IN A CHICKEN INFECTION MODEL IN VIVO
17:25-17:40	Eva Tvrda, Veronika Frohnova, Jan Kovac, Robert Kirchner THE EFFECT OF NARINGENIN ON THE TESTICULAR TISSUE ACTIVITY IN MICE
17:40-17:55	Miroslava Kačániová, Margarita Terentjeva, Eva Ivanišová, Simona Kunová, Katarína Rovná, Jana Žiarovská, Petra Borotova, Veronika Válková, Lucia Galovičová MEDICINAL PLANTS AS ANTIMICROBIAL AGENTS AGAINST PATHOGENIC BACTERIA
17:55-18:10	Eva Ivanišová, Karin Karabová, Miroslava Kačániová TECHNOLOGICAL PROPERTIES OF FRUIT AND VEGETABLE NATURAL COLORANTS
18:10 -18:25	Alexandru Eugeniu Mizeranschi, Radu Ionel Neamț, Ciprian Valentin Mihali, Mihai Carabaș, Daniela Elena Ilie COMPARATIVE ANALYSIS OF ROMANIAN AND SWISS BOVINE POPULATIONS USING WHOLE GENOME SEQUENCING AND SNP MICROARRAYS
18:25-18:40	Gayane N/A Marmaryan, Maxsim Simonyan, Hasmik Grigoryan, Ruzan Simonyan CONTENT OF SUPEROXIDE-PRODUCING ASSOCIATE OF SANNEN AND LOCAL GOAT MILK
18:40-19:00	Discussions and Conclusions/Discuții și concluzii

Poster Session / Sesiunea de postere

**NUTRITION AND ANIMAL FEEDING, FOOD CROPS,
TEHNOLOGIES APPLIED IN ANIMAL HUSBANDRY AND
AQUACULTURE**

Thursday and Friday, October 8-9, 2020

**NUTRIȚIA ȘI ALIMENTAȚIA ANIMALELOR, CULTURI
FURAJERE, TEHNOLOGII DE CREȘTERE A ANIMALELOR ȘI
ACVACULTURĂ**

Joi și vineri, 8 – 9 Octombrie, 2020

Session chair/Moderatori:

Prof. dr. Lavinia ȘTEF
Prof.dr. Silvia PĂTRUICĂ
Prof.dr. Adrian GROZEA
Secretary/Secretari: Asist. Eng. dr. Călin JULEAN, Eng. Voichița GHERASIM

P1-01	Petru Alexandru Vlaicu, Tatiana Dumitra Panaite, Iulia Varzaru EFFECT OF VEGETABLE BY-PRODUCTS ON EGG PROTEIN QUALITY AND COEFFICIENTS OF APPARENT ABSORPTION FROM LAYING HEN DIET
P1-02	Ciurescu Georgeta, Dumitru Mihaela, Sorescu Ionut EFFECT OF CHICKPEA AND PROBIOTICS ON BROILER CHICKS' PERFORMANCE AND GUT MICROFLORA POPULATIONS
P1-03	Nicoleta Aurelia Lefter, Mihaela Hăbeanu, Anca Gheorghe, Lavinia Idriceanu DIETARY EFFECT OF A MIXTURE OF ALFALFA HAY: PEAS POWDER ON GROWING PIGS. CERTAIN PLASMA AND FAECES MICROBIOLOGICAL ANALYSES
P1-04	Anca Gheorghe, Anca Gheorghe, Mihaela Hăbeanu, Nicoleta Aurelia Lefter, Lavinia Idriceanu EFFECTS OF DIETARY N-3 RICH PUFA MIXTURE ON PERFORMANCE, PLASMA METABOLITES AND MUSCLE FATTY ACIDS PROFILE IN GROWING PIGS
P1-05	Martin Fik, Cyril Hrnčár, Dávid Hejniš, Emília Hanusová, Jozef Bujko THE EFFECT OF CITRIC ACID ON PERFORMANCE AND CARCASS CHARACTERISTICS OF BROILER CHICKENS
P1-06	Martin Fik, Cyril Hrnčár THE EFFECT GRAPE MUST (VITIS SATIVA) DIET ON RECEPTIVITY OF DOES
P1-07	Silvia Patruica, Roxana Nicoleta Lazăr USE OF ESSENTIAL OILS IN BEES

P1-08	Radu Ionel Neamt RISK FACTORS ASSOCIATED WITH DYSTOCIA IN ROMANIAN SPOTTED COWS
P1-09	Cyril Hrnčár, Emília Hanusová, Anton Hanus, Marcela Capcarová, Anna Kalafová, Henrieta Arpášová, Dariusz Kokoszyński, Jozef Bujko THE EFFECT OF PROBIOTIC AND HUMID ACIDS ON EXTERNAL AND INTERNAL EGG QUALITY OF JAPANESE QUAILS
P1-10	Cyril Hrnčár, Emília Hanusová, Anton Hanus, Henrieta Arpášová, Dariusz Kokoszyński, Jozef Bujko THE EFFECT OF VARIOUS DISINFECTANTS ON HATCHING RESULTS IN CHICKENS
P1-11	Henrieta Arpášová, Stanislav Murdzik, Peter Haščík, Cyril Hrnčár, Martin Fik INFLUENCE OF HOUSING SYSTEM ON EGG WEIGHT AND SHELL PHYSICAL QUALITY INDICATORS OF LAYING HENS EGGS
P1-12	Henrieta Arpášová, Stanislav Murdzik, Peter Haščík, Cyril Hrnčár, Martin Fik INFLUENCE OF THE HOUSING SYSTEM ON PHYSICAL QUALITY INDICATORS OF THE INTERNAL CONTENT OF LAYING HENS TABLE EGGS
P1-13	Marilena Florentina Lăcătuș THE INFLUENCE OF SEASONAL SPECIFIC FISH DISEASES ON CYPRINID CULTURE IN SOUTH-EST REGION OF ROMANIA: A STUDY CASE
P1-14	Sandra Antonia Mihailov, Nicoleta Mihoc, Eliza Simiz, Ligia Berzava, Ludovic Csiszter, Adrian Grozea THE POLYCULTURE OF STERLET (<i>ACIPENSER RUTHENUS</i>) AND CARP (<i>CYPRINUS CARPIO</i>) IN RECIRCULATING AQUACULTURE SYSTEMS. THE EFFECTS ON FISH GROWTH DYNAMIC AND PRODUCTION
P1-15	Roxana Vasluianu, Gabi Dumitrescu, Diana Berzovan, Ioan Pet, Lavinia Stef, Tiberiu Iancu, Isidora Radulov, Monica Dragomirescu, Dorel Dronca, Mirela Ahmadi, Liliana Petculescu-Ciochina, Adela Marcu, Silvia Erina, Marioara Nicula HISTOLOGICAL ASPECTS REGARDING THE ANTIOXIDANT AND CHELATING POTENTIAL OF CHLORELLA IN EXPERIMENTAL PB CONTAMINATION OF <i>CARASSIUS GIBELIO</i> BLOCH SPECIES
P1-16	Lucian Ionita, Elena Popescu-Miclosanu, Cornel Octavian Pana, Minodora Tudorache, Ion Custura STUDY ON THE INFLUENCE OF LYSINE AND METHIONINE ESSENTIAL AMINO ACID SUPPLEMENTATION OF COMPOUND FEED RECIPES ON GROWTH AND SLAUGHTER PERFORMANCE IN JUMBO MEAT QUAILS BETWEEN 1 AND 56 DAYS
P1-17	Djitie Kouatcho François, Radu-Rusu Razvan-Mihail, Golomta Pidotcho, Moussa Djanabou, Ferdinand Ngoula, Simiz Eliza EFFECT OF DIET SUPPLEMENTATION WITH MORINGA OLEIFERA LAM. 1785 LEAF MEAL ON GROWTH AND LAYING PERFORMANCES OF FEMALE QUAIL (<i>COTURNIX SP.</i>) IN SOUDANO-GUINEAN ZONE OF CAMEROON

BIOTECHNOLOGIES, ANIMAL REPRODUCTION AND GENETICS

Thursday and Friday, October 8-9, 2020

BIOTEHNOLOGII, REPRODUCȚIE, AMELIORARE, GENETICĂ

Joi și vineri, 8 – 9 Octombrie, 2020

Session chair/Moderatori:

Prof. dr. Dorel DRONCA

Lecturer. dr. Monica DRAGOMIRESCU

Lecturer dr. Mirela AHMADI

Secretary/Secretar: Lecturer dr. Teodor VINTILĂ

P2-01	Rodica Stefania Pelmus, Horia Grosu, Mircea Cătălin Rotar, Mihail Alexandru Gras, Cristina Lazăr, Florin Popa THE GENETIC PARAMETERS FOR MILK, FAT AND PROTEIN YIELDS IN HOLSTEIN COWS
P2-02	Cristina Lazar, Rodica Ștefania Pelmuș, Alexandru Mihail Gras, Mircea Cătălin Rotar, Florin Popa A REVIEW REGARDING THE EVOLUTION OF ULTRASOUND TECHNIQUE AND THE IMPACT ON SELECTING ANIMALS FOR CARCASS MEAT QUALITY
P2-03	Popa Florin, Horia Grosu, Mircea Cătălin Rotar, Ștefania Rodica Pelmuș, Alexandru Mihail Gras, Cristina Lazăr ESTIMATION OF THE BREEDING VALUES AND GENETIC PARAMETERS IN TELEORMAN BLACK HEAD SHEEP BREED
P2-04	Mihaela Dumitru, Georgeta Ciurescu, Ionut Sorescu IN VITRO EVALUATION OF SOME PROBIOTIC PROPERTIES OF <i>LACTOBACILLUS</i> STRAINS ISOLATED FROM CHICKENS' GUT
P2-05	Dorel Dronca, Nicolae Pacala, Ioan Pet, Lavinia Stef, Gabi Dumitrescu, Liliana Ciochina-Petculescu, Silvia Patruica, Ioan Bencsik, Adela Marcu, Marioara Nicula, Ion Caraba, Silvia Erina, Mirela Ahmadi RESEARCHES REGARDING THE EVOLUTION OF THE OBSERVED SIZES OF HUNTING HERDS ON THE NADAS HUNTING AREA, FORESTRY SERVICE DISTRICT TIMISOARA, BETWEEN 2015-2019
P2-06	Rudolf Dupak, Anna Kalafova, Monika Schneidgenova, Eva Ivanisova, Jan Brindza, Marcela Capcarova ANTIOXIDANT ACTIVITY AND HYPOGLYCAEMIC EFFECT OF CORNELIAN CHERRY STONE IN DIABETIC RATS

P2-07	Miroslava Kačániová, Margarita Terentjeva, Simona Kunová, Petra Borotová, Peter Haščík, Jana Štefániková SLOVAK SHEEP CHEESE “BRYNDZA” AS THE RESERVOIR OF ANTIBIOTIC RESISTANCE OF BACTERIA	P2-20	Alexandra Andreea Sikra STAPHYLOCOCCUS AUREUS AND METHICILLIN-RESISTANT STAPHYLOCOCCUS AUREUS(M.R.S.A.) ISOLATED FROM VAGINAL DISCHARGE OF DAIRY CATTLE WITH SYMPTOMS OF PUERPERAL ENDOMETRITIS
P2-08	Miroslava Kačániová, Margarita Terentjeva, Simona Kunová, Petra Borotová, Peter Haščík MICROBIOTA OF NON SMOKED SLOVAK CHEESE “PARENICA”	P2-21	Laura-Dorina Dinu, Ion Alexandra Florentina SURVIVAL OF LACTIC ACID BACTERIA FROM COMMERCIAL PROBIOTICS IN ACIDIC ENVIRONMENTS
P2-09	Miroslava Kačániová, Margarita Terentjeva, Simona Kunová, Petra Borotová, Peter Haščík, Jana Štefániková MICROBIAL QUALITY OF SMOKED COW CHEESE “PARENICA”	P2-22	Marko Halo Jr., Martin Massányi, Filip Tirpák, Grzegorz Formicki, Agnieszka Greń, Marko Halo, Peter Massányi NATURAL SUBSTANCES AFFECT THE QUALITY OF STALLION SPERMATOZOA
P2-10	Rudolf Dupak, Ivana Spevakova, Marcela Capcarova USE OF HT-29 CELL LINE TO INVESTIGATE TOXICOLOGICAL EFFECTS OF MYCOTOXINS: A MINI REVIEW	P2-23	Ioana Poroşnicu, Nicolae Bădilaş, Bianca Maria Mădescu, Mădălina Alexandra Davidescu, Andrei Cristian Matei, Andra Sabina Neculai-Văleanu, Şteofil Creangă RESEARCH ON THE DEGREE OF FUNGAL CONTAMINATION OF CORN SILAGE AND CORN GRAINS
P2-11	Nikola Knížatová, Hana Greifová, Katarína Tokárová, Martin Massányi, Norbert Lukáč IDENTIFICATION OF CONCENTRATION DEPENDENT IN VITRO EFFECT OF BISPHENOL F ON H295R CELL VIABILITY, MEMBRANE INTEGRITY AND LYSOSOMAL FUNCTION	P2-24	Mădălina Alexandra Davidescu, Bianca Maria Mădescu, Andrei Cristian Matei, Ioana Poroşnicu, Andra Sabina Neculai-Văleanu, Mítica Ciorpac, Şteofil Creangă GENETIC MARKERS USED IN MOLECULAR PHYLOGENY STUDIES, RESEARCH ON ENDANGERED CATTLE BREEDS
P2-12	Miroslava Kačániová, Margarita Terentjeva, Simona Kunová, Katarína Rovná, Jana Žiarovská, Petra Borotová, Veronika Válková, Lucia Galovičová ANTIMICROBIAL ACTIVITY OF SELECTED ESSENTIAL OILS AGAINST BACTERIA ISOLATED FROM FISH	P2-25	Viorica Cosier HINFI POLYMORPHISMS CHARACTERISATION IN THE 1ST INTRON OF BMP15/FECS GENE IN TURCANA AND TSIGAI SHEEP (OVIS ARIES)
P2-13	Miroslava Kačániová, Margarita Terentjeva, Simona Kunová, Katarína Rovná, Jana Žiarovská, Petra Borotová, Veronika Válková, Lucia Galovičová ANTIBIOFILM ACTIVITY OF MELALEUCA LEUCADENDRON ESSENTIAL OIL AGAINST STENOTROPHOMONAS MALTOPHILIA	P2-26	Dorel Dronca, Nicolae Pacala, Ioan Pet, Lavinia Stef, Gabi Dumitrescu, Liliana Ciocchina-Petculescu, Silvia Patruica, Ioan Bencsik, Adela Marcu, Marioara Nicula, Ion Caraba, Silvia Erina, Mirela Ahmadi EPIGENETICS AND METABOLISM – AN INTERESTING RELATION
P2-14	Jozef Bujko, Juraj Cadrák, Július Žitný, Cyril Hrnčár, Ján Koristek FACTORS INFLUENCING ON GROWTH TRAITS IN A SELECTED CALVES OF THE SLOVAK SPOTTED CATTLE	P2-27	Bianca Maria MĂDESCU, Andra Sabina Văleanu, Mădălina Alexandra Davidescu, Ioana Poroşnicu, Andrei Cristian Matei, Şteofil Creangă RESEARCH ON THE ASSESSMENT AND QUALITY CONTROL OF MAIZE SILAGE, PRODUCED AND USED IN THE RESEARCH-DEVELOPMENT STATION FOR CATTLE BREEDING DANCU, IAŞI
P2-15	Jozef Bujko, Juraj Cadrák, Peter Strapák, Július Žitný, Cyril Hrnčár ANALYSIS OF THE INFLUENCE OF DIFFERENT FACTORS ON MILK PRODUCTION TRAITS IN SELECTED SLOVAK SPOTTED DAIRY COWS		
P2-16	Filip Benko, Patrik Hrnčiar, Norbert Lukac, Robert Kirchner, Eva Tvrda THE IN VITRO EFFECT OF QUERCETIN ON THE OXIDATIVE PROPERTIES OF RAT TESTICULAR TISSUE		
P2-17	Nikola Knížatová, Hana Greifová, Katarina Tokarova, Norbert Lukac HUMAN ADRENOCARCINOMA (H295R) CELLS AS POTENTIAL PREDICTORS OF BISPHENOLS ABILITY TO INTERFERE WITH STEROID HORMONE PRODUCTION: A MINI REVIEW		
P2-18	Gavan Constantin, Morgia Vergil, Riza Mihaela ASSOCIATION OF DIFFERENT LENGTHS OF DRY PERIOD WITH LACTATION PERFORMANCE, CALF BIRTH WEIGHT AND DYSTOCIA IN HOLSTEIN FRIESIAN DAIRY COWS.		
P2-19	Cristian Ioan Bratu, Silvia Patruica INFLUENCE OF THE USE OF DILUENTS IN THE TECHNIQUE OF HOMOGENIZATION OF SEMINAL BEE MATERIAL – Review		

**FUNDAMENTAL SCIENCES IN ANIMAL HUSBANDRY,
MANAGEMENT AND MARKETING, ECOLOGY,
MISCELLANEOUS**

Thursday and Friday, October 8-9, 2020

**ȘTIINȚE FUNDAMENTALE ÎN CREȘTEREA ANIMALELOR,
MANAGEMENT ȘI MARKETING, ECOLOGIE, DIVERSE**

Joi și vineri, 8 – 9 Octombrie, 2020

Session chair/Moderatori:

Assoc. Prof. dr. Marioara NICULA

Lecturer dr. Liliana PETCULESCU CIOCHINĂ

Lecturer dr. Florica MORARIU

Secretary/Secretari: Drd. Roxana LAZAR, Drd. Lucian PASCARIU

P3-01	Martin Massányi, Marko Halo, Marko Halo Jr., Peter Massányi INFLUENCE OF DIFFERENT LEVELS OF LOAD ON THE METABOLIC PROFILE OF HORSES – A REVIEW
P3-02	Martin Massányi, Nikola Knížatová, Francesco Vizzarri, Lubomir Ondruska, Grzegorz Formicki, Marko Halo Jr., Marko Halo, Peter Massányi VERBASCOSIDE AFFECTS RABBIT MINERAL PROFILE PARAMETERS
P3-03	Marko Halo Jr., Martin Massányi, Michal Strečanský, Anton Kováčik, Grzegorz Formicki, Agnieszka Greń, Marko Halo, Peter Massányi The Effect Of Age On Biochemical Parameters On Horses
P3-04	Daniel Chirila, Mariana Chirila, Claudia Sirbulescu STUDY REGARDING LIFE EXPECTANCY IN ROMANIA
P3-05	Daniel Chirila, Mariana Chirila, Claudia Sirbulescu THE PHENOMENON OF DEMOGRAPHIC AGING AND THE IMPLICATIONS ON THE SIZE AND STRUCTURES OF THE ROMANIAN POPULATION
P3-06	Genoveva Buzamat IMPLICATIONS OF LEADERSHIP IN ORGANIZATIONAL AND MANAGERIAL CULTURE IN ROMANIAN ORGANISATIONS. PRELIMINARY STUDY
P3-07	Daniela Marina Mot, Ileana Nichita, Emil Tîrziu, Teodor Moț BIRD FLU: NEW OUTBREAKS BUT AN OLD PROBLEM FOR INTENSIVE EUROPEAN POULTRY
P3-08	Ana-Mariana Dincu, Ioan Brad, Remus Gherman, Camelia Manescu, Ioana Balan

STUDY REGARDING THE AGRICULTURAL VEGETABLE PRODUCTION OF
CONSTANȚA COUNTY

P3-09 Ana-Mariana Dincu, Ioan Brad, Remus Gherman, Iasmina Iosim, Ioana Balan

STUDY REGARDING THE TOURIST ACTIVITY IN MEHEDINTI COUNTY

P3-10 Ștefănescu Camelia Monica

THE ENVIRONMENTAL IMPACT OF BUILDING A WASTE WATER TREATMENT
PLANT

P3-11 Beilicci Erika, Ștefănescu Camelia, Beilicci Robert

THE INFLUENCE OF GRAZING ON HYDROLOGICAL REGIME IN A SMALL
HYDROGRAPHICAL BASIN
