

SUMMARY

GENETICS AND BREEDING

Identification of PIT-1 gen using PCR-RFLP and genetic evaluation of hatching weight using paternal half sib on indigenous breed singing cockerel Pelung - Sri Bandiati Komar PRAJOGA, Kundrat HIDAYAT, Perman IMAN	11
Pastoralism and the Romanian history. Sheep breeds-people, languages, genes in Northern Carpathians and Pannonia Basin - Condrea DRAGANESCU	16
History of genetic evaluation methods in dairy cattle I. Daughter-dam comparisons - Horia GROSU, Sorin LUNGU, Pascal Anton OLTENACU	25
Genetic diversity of Karya and Çine Çapari sheep - Onur YILMAZ, Ibrahim CEMAL, Orhan KARACA, Nezhil ATA, Semih SEVIM, Mehmet OZTURK	31
Birth weights and growth performances of hair goat kids raised in Denizli province of Turkey - Ibrahim CEMAL, Onur YILMAZ, Orhan KARACA	36
Study of genetic diversity of three Portuguese cattle breeds by 93 micro satellite markers - Armandina ALMEIDA, José P. P. ARAÚJO, Ivica MEDUGORAC, Vasco A.P. CADAVEZ	41
Calpastatin gene polymorphism in Çine Çapari and Karya sheep - Nezhil ATA, Ibrahim CEMAL	48
Genetic characterisation of populations of cattle of Holstein breed, cultivated in the Republic of Moldova - Alexandra KONSTANDOGLO, Valentin FOKSHA	52

NUTRITION

Chemical composition and nutritional value of the fodder grown in the conditions of the Republic of Moldova - Larisa CAISIN, Vasile HAREA, Vasile VRANCEAN	61
The metabolic utilization of iron and copper in the young swine organism - Monica MARIN, Dumitru DRAGOTOIU, Carmen NICOLAE, Georgeta DINITA, Iuliana MARIN	67
Use of chrome trace for vital activities functions stimulation of <i>Apis mellifera</i> bee colonies - Valentina CEBOTARI, I. TODERAS, I. BUZU, V. RUDIC	73
Effect of artificial molted brown laying hens on production of DHA enriched eggs - Natasha GJORGOVSKA, Kiril FILEV, Vasil KOSTOV, Vesna LEVKOV	78
Characteristic and growth pattern of <i>Brachiaria humidicola</i> cv. tully underneath coconuts plantation - Selvie D. ANIS, M.A. CHOZIN, David A. KALIGIS	82
Investigation of <i>L. monocytogenes</i> – HEp-2 cells relationships by culture based and microscopy tools - Marius Eduard CAPLAN, Lorena Andreea MATEESCU	86
Microelements and their chelate forms in nutrition of monogastric animals: a review - Vidica STANAČEV, Nikola PUVAČA, Dragan MILIĆ, Vladislav STANAČEV, Milanka DRINIĆ	90
The effect of feeding intervals on the level of glucose, triglyceride, percentage of abdominal fat and carcass quality on broiler chickens - Elvia HERNAWAN, Tuti WIDJASTUTI	97
Nutritive evaluation of ammoniated Benggala grass and fermented Sago waste - Ronny A. V. TUTUROONG, SOEBARINOTO, HARTUTIK, Ch. KAUNANG	102
A study on babirusa (<i>Babryrousa babyrussa celebensis</i>) in tropical forest of Northern part of Sulawesi - B. TULUNG, J.F. UMBOH, A.F. PENDONG	107
Effect of free choice feeding based on emmer, triticale and wheat to Japanese quail (<i>Coturnix coturnix japonica</i>) on performance, inner organs and intestinal viscosity - Yusuf KONCA, Selma BÜYÜKKILIÇ BEYZİ	113

Protean nutrition optimization for cows with high milk production by using an unproteic natrium source associated with energy and mineral supplements - Roxana ARGHIRIADE, Dumitru DRĂGOTOIU, Monica MARIN, Tomița DRĂGOTOIU, Izabela OPREA	120
Evaluation of fructan contents in the taproots of plants <i>Lactuca serriola L. and Sonchus oleraceus L.</i> - Nadezhda PETKOVA, Panteley DENEV	125

REPRODUCTION, PHYSIOLOGY, ANATOMY

Studies on improving local sheep breeds fertility in Egypt - Mostafa Abdel Rahman IBRAHIM	135
Dynamic studies in broiler chicken natural immune factors - Tsvetoslav KOYNARSKI, Lilyan SOTIROV	144
Maintenance of reproductive health when using mexidolin the course of a sperm cryopreservation - Iulia CAZACOV, Melania BUCARCIUC, Gheorghe BORONCIUC, Ion BALAN, Vladimir BUZAN, Nicolae ROȘCA, Ion MEREUȚA	148
Cervical insemination in Karya sheep - Orhan KARACA, Onur YILMAZ, Ibrahim CEMAL	152
Molecular biology studies of protein synthesis and ⁴⁵Ca transport in striated and cardiac muscle of rabbits with experimental glandular dysfunctions - Flory REVNIC, Bogdan PALTINEANU, Gabriel PRADA, Gabriel Ovidiu DINU, Speranta PRADA, Cristian Romeo REVNIC, Cosmin ȘONEA, Cătălina PENA	157
Researches regarding age, breed and collecting season influence in quality and quantity boars semen - Paul-Rodian TĂPĂLOAGĂ, Alexandru ȘONEA, Alexandru IANCU, Elena MITRĂNESCU	161
Milk quantity and quality in a dairy unit-study case - Paul-Rodian TAPALOAGA	166
Improving repeat breeder cows fertility by estrus synchronization: comparison of PRID + PGF_{2ALFA} + GnRH and GnRH+ PGF_{2ALFA} + GnRH protocols - Osman ERGENE	172

TECHNOLOGIES OF ANIMAL HUSBANDRY

The effect of using Pietrain breed on improving carcass quality on pigs - Ilie ROTARU .	177
Breeding Holstein or Norwegian Red in Albania? - Ylli BIÇOKU, Kujtim GJONI	181
Study regarding reproductive isolation in Romanian sport horse from Jegălia studfarm - Mariana VODĂ, Gheorghe MĂRGINEAN	188
Research regarding evolution of heavy weight of young rams in Teleorman's Black Head sheep - Andi FIȚA, Ion CĂLIN	190
The utilization of fast food waste product on the protein efficiency ration of local male duck - Tuti WIDJASTUTI, Hery SUPRATMAN, Sjafril DARANA, Anggana KHATULISTIWA	192
Dairy sector in Albania - challenges and perspectives - Ylli BIÇOKU, Merita URUÇI ...	197
Great bustard restocking in Eurasia - Cristina GARLEA, Marcel Th. PARASCHIVESCU, Florin RADU	203
The pollution level of teniosis in shepherds and impact of some of them in apparition and development of cenuriosis focus points in young sheep - Octavian NEGREA, Vioara MIREȘAN, Grigore ONACIU, Camelia RĂDUCU, Flore CHIRILĂ, Zamfir MARCHIȘ, Octavia NEGREA	209
Some aspects concerning the incidence of podal disorders in cattle reared and maintained in free system - Octavian NEGREA, Vioara MIREȘAN, Grigore ONACIU, Camelia RĂDUCU, Liviu OANA, Flore CHIRILĂ, Adriana CRISTE, Zamfir MARCHIȘ ...	213
The umbilical ring of ruminants, natural gate for transponder implant into the preperitoneal space - Sorin LUNGU, Anca LUNGU, Horia GROSU	217

Study about influence of feed parameters on slaughtering performances in certificate - type broilers - Ioan CUSTURĂ, Maria Antoaneta POPA, Ilie VAN, Minodora TUDORACHE, Elena POPESCU-MICLOȘANU, Livia VIDU	221
Research on influence of nutritional parameters on unit costs in bio type broiler carcasses - Minodora TUDORACHE, Maria Antoaneta POPA, Ilie VAN, Ioan CUSTURĂ, Elena POPESCU-MICLOȘANU, Livia VIDU	225
Researches concerning total water content of broiler - Maria Antoaneta POPA	229
Cattle and small ruminant breeding activities in Turkey - Ali Murat TATAR, Muhittin TUTKUN, Halit Deniz SIRELI	233
Study on density in shelter and the effect of a vitamin-mineral selenium premix in young quails of the Balotești population - Lucian IONIȚĂ, Elena POPESCU - MICLOȘANU, Consuela ROIBU	237
Research on bee keeping development in the Southern Romania – a questionnaire based survey - Ion PÎRVUTOIU, Agatha POPESCU	245
Considerations on the C.E.E.Cs' position in the EU-27 poultry meat production and foreign trade - Ion PÎRVUTOIU, Agatha POPESCU	253
Comparative study of the qualities of cows from Moldovian type of Black Spotted and Red of Steppe breeds - Serghei CHILIMAR	260
The effect of <i>Spirulina sp.</i> population densities toward reduction of BOD5 and COD of beef cattle slurry - Tubagus Benito Achmad KURNANI, Yuli Astuti HIDAYATI, Eulis Tanti MARLINA	268
Palm sugar (<i>Arenga pinata</i>) implementation as biosecurity pre-transportation system on blood glucose and glycogen on broiler - Fredy J. NANGOY, S. DARANA, L. ADRIANI, T. WIDJASTUTI, P. EDIANINGSIH, H.A.W. LENGKEY	272
Partial results regarding the exploitation and morpho-productive traits for Alpina breed goats in South of the country - Iulian VLAD, Marius MAFTEI, Daniela IANITCHI, Mirela STANCIU, Andi FITA	277
Using feed additive (complex symbiotic) in stimulating feeding of bees - Nicolae EREMIA	282

TECHNOLOGIES OF THE AGRO FOOD PRODUCTS PROCESSING

Development of heat-stable fruit fillings using gellan gum as stabilizer - Janna CROPOTOVA, Svetlana POPEL, Lidia PARSHAKOVA	291
Fermentation of sugarcane (<i>Saccharum officinarum</i> L.) bagasse hydrolyzate by <i>Pichia stipitis</i>, <i>Saccharomyces cerevisiae</i>, <i>Zymomonas mobilis</i> to ethanol - Ratu SAFITRI, In-In HANIDAH, Toto SUBROTO	296
Blood glucose and triglyceride profile using <i>Alpinia galanga</i> (L.) /lengkuas juice - Lovita ADRIANI	300
Hydrolysis of sago pith powder (<i>Metroxylon sago</i> Rottb.) in enzymatic and fermentation of hydrolyzate by <i>Pichia stipitis</i> CBS 5773, <i>Saccharomyces cerevisiae</i> D1/P3GI, and <i>Zymomonas mobilis</i> FNCC 0056 to ethanol - Ratu SAFITRI, Abi WIYONO	305
Sparkling wine quality in a Romanian wine processing unit-study case - Dana TAPALOAGA	311
A better start in bread quality-ultra fiber and other plant ingredients - Dana TAPALOAGA	315
Particularities regarding processing technology in a catering unit - Carmen Daniela PETCU	321
Researches concerning some meat products control in a specialized unit - Carmen Daniela PETCU	323
A way to prevent syneresis in fruit fillings prepared with gellan gum - Janna CROPOTOVA, Svetlana POPEL	326

WILD LIFE MANAGEMENT, FISHERY AND AQUACULTURE

Helminth communities of fishes from the river Danube and lake Srebarna, Bulgaria - Diana KIRIN, Vladimira HANZELOVÁ, Sonya SHUKEROVA, Stefan HRISTOV, Ludmila TURCEKOVÁ, Marta SPAKULOVA	333
Biodiversity and ecological appraisal of the freshwater ecosystem of the river Arda, Bulgaria - D. KIRIN, V. HANZELOVÁ, S. SHUKEROVA, S. HRISTOV, L. TURČEKOVÁ, M. SPAKULOVA, T. BARCIOVÁ	341
Daphnia test – a shortcut for human health protection assessment - Rodne NASTOVA, Nedeljka NIKOLOVA, Vasil KOSTOV	349
Examination of content of heavy metals and pesticides in fish in the accumulation Strezevo in the Republic of Macedonia - Rodne NASTOVA, Vasil KOSTOV, Natasha GJORGOVSKA	354
Genetic evaluation in a population of Frasinet cyprinids used for selection to maximize meat production - Carmen Georgeta NICOLAE, Horia GROSU, Mioara COSTACHE, Monica MARIN, Daniela RADU, Alin BÂDILITA, Victor NIȚĂ	358