

## Final list of accepted posters

P1(St)	Blood flow dynamics of the milk vein from dry-off to early lactation in high milk yield Holstein dairy cows	K, Themistokleous
P2(St)	Comparison of different methods to preserve equine oocyte cumulus cells for DNA assessment (1372)	B, Pereira
P3(St)	Effect of ram semen quality on the success of cervical insemination in dairy ewes (1379)	S, Priskas
P4(St)	Location of aquaporin 3 AQP3, 7 AQP7, and 10 AQP10 in frozen-thawed ejaculated and epididymal sperm from wild ruminants: Iberian ibex, mouflon and chamois (1423)	B, Pequeño
P5(St)	Disease free survival in bitches with mammary tumors according to clinical and histological parameters and surgical technique (1428)	P, Banchi
P6(St)	Main content of prostate ductae of rats with age-related benign hyperplasia is composed by low ramified $\alpha$ -glycosydic polysaccharides (1435)	L, Trujillo-Rojas
P7(St)	Biomarkers to predict fertility in dairy cattle (1445)	M, Kesikuru
P8 (St)	Gene and protein expression of the nerve growth factor and its cognate receptors in different testicle morphotypes of a grey squirrel population ( <i>Sciurus carolinensis</i> ) living in central Italy (1472)	P, Anipchenko
P9 (St)	Assessment of bovine oocytes using morphological characteristics (1477)	A, Raes
P10 (St)	Effects of selected oviductal metabolites on post-thaw quality parameters of equine spermatozoa	P. Fernández
1	Improving in vitro embryo developmental competence during hot season in Buffalo (1144)	O, Kandil
2	Detection of placental blood vessels and expression of angiogenesis-related genes during early pregnancy in goat ( <i>Capra hircus</i> ) (1148)	Y, Zhao
3	Effect of exogenous oxytocin administration on follicular dynamics, corpus luteum and postpartum cyclicity in lactating Nili-Ravi buffaloes (1157)	S, Murtaza
4	The effect of uterine lavage on sCD14 levels in mares with post-partum metritis (1165)	M, Kareskoski
5	Fertility results of deep freeze (-152°C) bull semen storage (1166)	M, Tirpan
6	Treatment of acute puerperal metritis in the cow according to evidence or the law on drugs? (1167)	J, Parlevliet
7	Age-related differences of Anti-Mullerian Hormone concentrations in bitches (1172)	S, Chotimanukul
8	Birth of kid goats by laparoscopic transfer of in vitro produced Saanen embryos into surrogate goats of Ukrainian local breed (1180)	A, Bogdaniuk
9	Administration of hCG in Dorper rams increases the out-of-season pregnancy rate in nulliparous ewes subjected to the male effect (1185)	F, Veliz
10	Functional activity of actin cytoskeleton in prolong-cultured bovine oocytes (1189)	T, Kuzmina
11	L-carnitine concentration and ovarian function in dairy cows	A, Kavak

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12	In vitro effects of de-epoxy deoxynivalenol and hydrolyzed zearalenone on boar semen (1204)	I, Tsakmakidis
13	Comparison between protocols with or without estrus detection for the synchronization of ovulation in dairy cows (1213)	G, Tsousis
14	Semen collection in untrained Burro de Miranda donkey breed jacks (1218)	M, Quaresma
15	The effect of freezing on motility and morphology of epididymal sperm in reindeer ( <i>Rangifer tarandus</i> ) (1225)	E, Nikitkina
16	Endometritis caused by <i>Pasteurella caballi</i> in a maiden mare, a case report (1244)	E, Tukia
17	Prediction of the expected litter size from the Real-Time Ultrasound Imaging of pregnant sows with machine learning (1245)	A, Lympelopoulou
18	Expression of the steroidogenic activity-related genes in transplanted ovarian tissue treated with platelet rich plasma (PRP) in rat (1250)	A, Niwińska
19	Standing C-section in the mare (1275)	A, Josson
20	Maternal caffeine supplementation to improve lamb thermoregulation (1277)	A, Swinbourne
21	Involvement of G protein-coupled estrogen receptor (GPER) in histone acetylation changes promoted by Bisphenol A (BPA): An in vitro study in Zebrafish testes (1288)	S, González-Rojo
22	Sperm subpopulation variability between stallion breeds (1306)	S, Gacem
23	Application and accuracy of a calving sensor as compared to a prepartal clinical examination in Holstein-Friesian heifers and cows (1307)	Á, Bajcsy
24	Immunolocalization of adrenergic receptors in the reproductive tract of male domestic cats (1314)	S, Prochowska
25	Preliminary comparison of CA 15-3 (MUC-1) expression in serum and in canine mammary tumor tissues (1317)	I, Kaszak
26	Shedding of <i>Coxiella burnetii</i> in cattle at calving, a pilot study (1327)	G, Hirsbrunner
27	Skeletal muscle reserves in the post-partum period are associated with reproduction performance in dairy cows (1332)	N, Siachos
28	Evaluation of several treatment protocols for repeat breeder cows during summer (1341)	T, Tsiligianni
29	Association of post-partum subclinical macromineral disorders and clinical diseases with fertility in Holstein cows (1353)	V, Tsiamadis
30	Association of post-partum rumen fill score with fertility in Holstein dairy cows (1358)	G, Valergakis
31	Investigation of abortions in small ruminants in Greece due to <i>Chlamydia abortus</i> (1360)	N, Giadinis
32	Control of <i>Pseudomonas aeruginosa</i> mastitis cases in a cattle and a sheep herd by the use of an autogenous vaccine (1363)	E, Petridou
33	Unveiling the role of epigenetic methylation control in mare's endometrosis (1371)	J, Alpoim-Moreira
34	How to increase immunity power of canine colostrum (1376)	S, Alonge
35	Association of lameness, body condition change and b-hydroxybutyrate concentrations with fertility in Holstein cows (1378)	A, Kougioumtzis

36	The effect of Tris-Based Boron and Trehalose extenders on freezing of ram semen (1380)	M, Bucak
36	Responsiveness of cows with lameness to protocols for the synchronization of ovulation	A. Praxitelous
37	Effects of methionine and choline supplementation on pregnancy establishment and embryo growth in sheep (1382)	B, Kotsampasi
38	Crosstalk between growth hormone and ovarian steroid hormones in large preovulatory follicles of the domestic hen (1387)	I, Lebedeva
39	Relationship of blood NO, MDA, GSH-Px and P4 levels with pregnancy in dairy cows synchronized with modified ovsynch (1390)	H, Çolakoğlu
39	Genome-wide association study on a population of Russian sheep identified eight novel loci associated with meat productivity traits	A. Zlobin
40	Neonatal weight estimation by ultrasonographic measurement of fetal biparietal diameter at term in dogs (Part 3) (1394)	M, Beccaglia
41	The mutual relations between oestrogen and progesterone endometrial receptors in dairy cows with anestrus type II treated by progesterone insert (1399)	M, Trela
42	Indications of gonadotropin-releasing hormone (GnRH) analogue, deslorelin implant in small animal practice (1405)	N, Ribeiro dos Santos
43	Use of deslorelin to induce oestrus in the bitch and its outcome in a clinical setting (1407)	C, Maenhoudt
44	Thrifty phenotype creation in intrauterine growth retarded newborn piglets results in decreased ability to digestion and absorption of nutrients after birth (1408)	K, Ferenc
45	The relations between expression of genes involved in the NF- $\kappa$ B-dependent pathway of the fibrosis in the mare endometrium (1410)	M, Domino
46	Histometry of vascular changes in the course of endometriosis and endometritis using Masson's Trichrome staining (1411)	L, Zdrojkowski
47	Acute phase response in the mammary gland of mare in response to the presence of bacteria (1413)	D, Domanska
48	Physicochemical analysis of follicular fluid and oviductal secretions in the horse: ions and osmolarity determination (1416)	B, Macías-García
49	Thyroid profiles and the reproductive ability in Russian Black Pied cows in relation to a single-nucleotide polymorphism within the DIO1 gene (1421)	O, Mityashova
50	ProAKAP4 concentrations in stallion and donkey: Comparison with kinetic parameters, motility and concentration (1427)	M, Dordas Perpinya
51	Protein kinase C-modulated pathways are one of the mechanisms involved in red LED light effects on motility and O <sub>2</sub> consumption rate in boar sperm (1429)	O, Prieto Blanco
52	Prepartum melatonin treatment improves the postpartum reproductive performance of Beetal goats (1447)	M, Afzaal
53	A systematic review about infectious cattle infertility highlights a lack of pathogen detection related to breeding bulls (1455)	C, Polo
54	Cryopreservation for long periods of time does not increase oxidative stress in ram ( <i>Ovis aries</i> ) sperm samples (1457)	P, Soria-Meneses
55	Sperm DNA damage in pigs is correlated to in vitro embryo development: preliminary evidences (1462)	J, Ribas-Maynou
56	Prevention of oxidative stress in Manchega rams ( <i>Ovis aries</i> )	A, Jurado-Campos

	spermatozoa by using a nanoemulsion-based drug delivery system for Vitamin E (1464)	
57	Effects of adding egg yolks of chicken, Japanese quail and their mixture to Tris glycerol extender on the post-thawing quality of ram semen (1469)	A, Swelum
58	Leukotriene biosynthesis in the uterus of the red deer female ( <i>Cervus elaphus</i> L.) (1470)	A, Kotlarczyk
59	Ovulation inducing factors in rabbits ( <i>Oryctolagus cuniculus</i> ): The role of interleukin-1 (1471)	M, Maranesi
60	Designing and developing a new method for IVF (1478)	I, Tagaram
61	IL-3, a possible serum biomarker of malignancy in canine mammary tumours (1487)	M, Yeste
62	The relations between routine and advanced semen parameters during the selected periods of the breeding season of rams (1490)	R, Faundez
63	A new animal model for uterine torsion, uterine ischemia-reperfusion and fetal hypoxia studies (1145)	A, Risvanli
64	The influence of dietary clinoptilolite on reproductive performance and serum levels of some minerals in Holstein-Friesian heifers and cows (1146)	M, Samardzija
65	Effectiveness of intrauterine administration of lactic acid bacteria in dairy cows with endometritis (1147)	A, Antonov
66	Effective application of Raido to treat mastitis in cows (1149)	A, Aminova
67	Reproductive qualities of Simmental cows depending on their genotype (1150)	I, Jumaguzin
68	Chimerae are an intermediate stage in the creation and preservation of transgenic birds (1151)	L, Kozikova
69	The PPARG (peroxisome proliferator-activated receptor gamma) gene SNPs association with gene pool breed hens reproduction (1152)	T, Larkina
70	Comparative analysis of natural and artificial insemination to obtain Siberian husky x Pomeranian hybrids, a case-series (1153)	S, Bogdanova
71	A comparative study of three different chambers for bull semen computer assisted sperm motility analysis (1156)	A, Basioura
72	3-hormonal complex in early pregnant mares (1160)	L, Lebedeva
73	The role of mycoplasma infections in mastitis and reproductive pathologies in cows (1161)	M, Makavchik
74	Neospora caninum associated with cattle epidemic abortion (1164)	O, Sokolova
75	Growth and development of Bashkir foals in conditions of the forest zone of the Middle Urals (1168)	F, Shagaliev
76	Effect of vit C and pentoxifylline on semen parameters of thawed stallion semen (1169)	D, Abadjieva
77	Changes of boar sperm proteins and characteristics due to seasonal infertility period (1170)	I, Michos
78	The quality of sperm of bulls of different breeds, depending from external factors (1173)	B, Iolchiev
79	Indicators of sperm production of bulls sires when using new natural additive Lamarin Saldonum (1174)	N, Shemuranova
80	Analysis of T-cell populations of immune memory in lactating mice and their cubs (1175)	E, Butina

81	Meat productivity and puberty of Hereford x Simmental crossbreeds (1177)	E, Rystsova
82	Reproductive ability of sows with folic acid feeding (1178)	V, Solyanik
83	Use of hCG increases appetitive sexual behaviour in Dorper rams (1179)	R, Rodríguez-Martínez
84	Influence of the DGAT1 gene polymorphism on the growth rate of young beef cattle in postnatal ontogenesis (1181)	T, Sedykh
85	Ghrelin infusion attenuates gonadotropin secretion in ewes (1187)	E, Dovolou
86	Comparison of selected biological properties and antioxidative status of turkey ( <i>Meleagris gallopavo</i> ) spermatozoa derived from white and yellow semen. (1188)	M, Kozirowska-Gilun
87	Productive and reproductive health of pigs in the use of fir triterpenic acids (1190)	A, Filatov
88	Azoksivet as a means of prevention of postpartum diseases of cows and for improvement of the viability of their offspring (1192)	A, Sapozhnikov
89	Rooibos ( <i>Aspalathus linearis</i> ) extract reduces lipid peroxidation and protects plasma membrane integrity in boar sperm under oxidative stress (1195)	J, Ros-Santaella
90	Dairy cows blood cytokine profile during the postpartum period (1196)	A, Lisenko
91	Anti-Mullerian hormone in dairy cows' blood during postpartum period at varying functional ovarian state (1197)	A, Nezhdanov
92	Enzymes in diagnostics and forecasting obstetric pathology in dairy cows (1199)	I, Ventsova
93	Precision betacarotene supplementation enhanced ovarian outcomes without changes in the LH pattern release in yearling crossbred anestrous goats (1200)	C, Meza-Herrera
94	SNP LEP (Leptin) effect on the body growth and development of young meat cattle (1201)	L, Kalashnikova
95	Fertility characteristics of phenotypically thermotolerant dairy cows (1202)	I, Nanas
96	Effects of long-term Ghrelin administration on metabolism and estrous characteristics in sheep (1203)	L, Oikonomopoulou
97	Delayed cyclicity, fatty acid profile of milk, and IGF-1 in Holstein and Swedish Red dairy cows (1206)	R, Båge
98	Relationship between boar semen quality and its collection frequency (1207)	A, Tadzheva
99	The efficiency of treatment of endometritis in cows with the use of ozonated Flaxseed oil (1208)	S, Nikolaev
100	Effect of cryopreservation on the sperm characteristics and DNA integrity of European red deer ( <i>Cervus elaphus elaphus</i> ) epididymal spermatozoa (1210)	A, Dziekońska
101	Influence of ozonated Flaxseed oil on the timing of fertilization of cows (1211)	I, Konopeltsev
102	The effects of the vitamin-mineral drug "Antimiopatik" use in cows during the dry period on the oxidant-antioxidant status of newborn calves (1212)	A, Chernitskiy
103	Fertility of crossbred Kholmogory cattle with the Holstein breed (1214)	S, Kopylov
104	Promising loci and genes for cryoresistance of spermatozoa	A, Krutikova

	identified by a Genome-Wide Association Study in horses (1217)	
105	The comparative assessment of Holstein heifers prolificacy during the fertilization with a sexed or ordinary semen (1219)	A, Kalashnikov
106	Stearoyl-CoA desaturase gene polymorphism in Holstein cows due to blood biochemical profile in the first two months of lactation and reproductive ability (1222)	V, Leibova
107	The relationship of testosterone level and season in beluga whales ( <i>Delphinapterus leucas</i> ) (1223)	A, Musidray
108	Analysis of BAX and BCL2 protein expression by Flow Cytometry during the follicular development in canines (1224)	M, De los Reyes
109	Quantitative ecogenicity of fetal placental tissue in brachycephalic bitches (1226)	A, Rodrigues Simões
110	Effect of P4+GnRH synchronizing based protocols upon follicular growth in adult goats during the breeding season (1227)	G, Arellano-Rodriguez
111	Successful vitrification of hybrid ( <i>Bos taurus</i> ♀ x <i>Bison bonasus</i> ♂) embryos (1228)	A, Duszewska
112	The impact of environmental factors on the immunohematological parameters of pregnant cows (1229)	O, Oparina
113	Polymerase chain reaction in diagnostics of latent and persistent forms of infectious cattle diseases (1231)	N, Bezborodova
114	Hypothesis about the cyclic lability of prooxidant-antioxidant homeostasis in sows (1233)	A, Siabro
115	The effect of injection of recombinant bovine interferon-tau on hormonal and cytokine status indicators and the performance of insemination of cows (1234)	V, Mikhalev
116	Proinflammatory cytokines in the blood of cows during the early period of gestation (1235)	S, Shabunin
117	Proinflammatory cytokines in the blood of cows with mastitis (1236)	V, Gritsyuk
118	Morphological features of polymycotoxicosis in the cattle mother-fetus system (1237)	A, Belousov
119	Comparative evaluation of amino acid composition of colostrum from BLV-infected and seronegative cows (1239)	M, Petropavlovskiy
120	Features of transplacental transfer of heavy metals in cattle (1241)	I, Shkuratova
121	Runs of Homozygosity (ROH) in the genome affecting the reproduction in small chicken populations (1243)	N, Dementieva
122	Microorganisms in raw milk from cows with subclinical mastitis (1247)	M, Isakova
123	Influence of certain components and the activity of seminal plasma enzymes on the progressive sperm motility after thawing in stallions (1249)	M, Atroshchenko
124	Sampling of genetic material in marmot ( <i>Marmota bobak</i> Müll., 1776) males (1252)	I, Plotnikov
125	Probiotic supplementation modifies the expression of key genes in the Zebrafish dopaminergic pathway (1253)	V, Robles
126	Modification of surgical treatment of congenital rectovaginal fistula with imperforate anus in a dog- a case report (1254)	M, Galanty
127	The effect of maltose in medium for cryopreservation rooster's semen on its survival in the genital tract of hen (1255)	A, Kurochkin
128	Detection of fetal anasarca by ultrasound examination as an indication for C-section, a case report (1256)	B, Degorska

129	An innovation based on artificial neural network (ann) enhances senegalese sole production (1257)	D, G. Valcarce
129	Ewe breed differences in the cervical mucus metabolome	A. Krogenaes
130	Concentration of macro-elements in the seminal plasma of stallions (1258)	V, Kalashnikov
131	Reproductive ability of cows at different housing systems (1259)	E, Ivanov
132	Chromatin packaging of chicken sperm through the reproductive tract assessed by Chromomycin A3 (CMA3) (1260)	B, Bernal
133	Influence of matrilinear inheritance on reproductive ability and productive longevity of cows (1261)	L, Efimova
134	The relationship between progressive motility and structural integrity of cryopreserved sperm in stallions (1263)	A, Zaitcev
135	Architectonics of endometrium in sows with a latent inflammatory process in the uterus (1264)	E, Mikhaylov
136	Evaluation of diagnostic value of electronic nose device at postpartum endometritis in cows (1265)	V, Skorikov
137	Determination of APGAR score in caprines (1267)	P, Del Aguila da Silva
138	Protein and nitrogen metabolism in pregnant Saanen goats (1268)	P, Bokhan
139	Mineral metabolism in pregnant Saanen goats (1269)	A, Taraskin
140	Effect of heat stress on the fertility percentage of dairy cattle in northern Mexico, evaluated through the temperature humidity index (1270)	P, Robles-Trillo
141	Highly productive cows' reproductive function in the zone of selenium deficiency (1271)	M, Ryaposova
142	Relationship between sex hormones and bull semen quality (1272)	W, Świderek
143	X-linked severe combined immunodeficiency in dog (Canis lupus familiaris) (1273)	J, Gruszczyńska
144	Effect of keeping of queens in Chmara isolator during the autumn and winter on the amount of brood reared in spring in honey bee colonies (1274)	J, Gąbka
145	The course of parturition in Holstein-Friesian cows and the PPARGC1A/NheI polymorphism (1276)	I, Kowalewska-Łuczak
146	Reproductive response of goats supplemented with leftover food of dairy cows in northern Mexico (1278)	M, De Santiago
147	A way of increasing milk secretion in sows (1279)	O, Ivanova
148	Features of reproduction indicators of dairy cattle of Russian Black Pied breed in the Ural region (1280)	A, Yaryshkin
149	Zinc-binding and zinc-non-binding stallion seminal plasma proteins characterized by gene ontology analysis and label-free quantification (1281)	M, Mogielnicka-Brzozowska
150	Detection of the upper respiratory tract bacteria in newborn calves (1282)	M, Zhukov
151	Intra-testicular administration of nanostructured lipid carriers encapsulated alpha-mangostin as a non-surgical approach to castration in cats: Histomorphological evaluation (1283)	S, Leelakajornkit
152	Prevention of fetal hypoxia during cesarean section in dogs (1284)	A, Nechaev
153	Investigation on the effect of bacteriocin nisin against uterus post-partum pathogens in dairy cows (1286)	S, Anastasiadou

154	Antimicrobial potential of selected bioactive compounds against <i>Staphylococcus</i> species isolated from stallion semen (1289)	M, Ďuračka
155	The ratios of enlarged to normal prostatic volume in dogs with subclinical or clinical benign prostatic hyperplasia (BPH) (1291)	P, Borikappakul
156	Effect of addition of seminal plasma in the thaw extender on viability of canine spermatozoa criopreserved by Uppsala method. (1292)	X, Lucas
157	The effect of heat stress on the blood flow of Corpus Luteum (CL) in Ovsynch Protocol in cows (1293)	I, Darbaz
158	Behavior of morphometric subpopulations after freezing in ram sperm (1294)	M, Palomo
159	Influence of season and donor age on the high DNA stainability of frozen buck sperm (1296)	U, Ohaneje
160	Main lesions affecting kidneys of bitches with pyometra (1297)	B, Gasser
161	Influence of different sonication parameters on protein content and electrophoretic profile of dog epididymal spermatozoa (1299)	A, Kuzborska
162	Establishment of innovative biomarkers to optimize cooling and cryopreservation protocols in ram sperm (1300)	M, F. Riesco
163	Establishment of a fast-refrigeration protocol to improve pelletization degree avoiding damage induction in ram sperm centrifugation (1301)	M, Neila-Montero
164	The quality of cows' oocyte derived at different timing regimens of transvaginal follicular puncture (1302)	R, Chinarov
165	Preliminary characterization of morphometry and doppler parameters in the post-surgical monitoring of laparoscopic vasectomy in ram (1303)	R, Montes-Garrido
166	Sperm protein expression patterns in good and poor freezability boar ejaculates (1308)	A, Mańkowska
167	Seminal plasma induces overexpression of genes associated with embryonic development and implantation in day-6 porcine blastocysts (1309)	E, A. Martinez
168	Effects of N-(2-mercaptopropionyl)-glycine during the in vitro culture of porcine embryos (1310)	J, M. Cambra
169	Does the donor affect cryosurvival and developmental competence of donkey embryos vitrified with Cryotop? (1312)	J, Dorado
170	Hatch window in two breeding lines of Japanese quail ( <i>Coturnix japonica</i> ) (1313)	B, Grzegorzóka
171	A sequential culture in three steps promotes the in vitro development of porcine embryos (1315)	M, Gil
172	Coma in egg-laying queen honey bees (1316)	J, Trzeciecka
173	Red-light irradiation modifies the kinetic parameters of stallion fresh semen (1318)	J, Catalán
174	B-mode ultrasonography of the brain mass of canine fetuses (1319)	L, Pavan
175	Bilateral cryptorchism in Beagle with Musladin-Lueke syndrome (1320)	R, Carneiro
176	Hemochromatosis in domestic dog - analysis of the relationship of the HFE protein with other proteins (1321)	P, Jundziłł-Bogusiewicz
177	Effect of social rank and eCG upon the induction of the ovulatory response in anestrous goats (1323)	S, Zúñiga García



178	Antioxidant effects of genistein on rabbit testicular tissue under in vitro conditions (1324)	F, Benko
179	Vitrification modifies the gene expression pattern of porcine morulae (1325)	C, Cuello
180	The relationship between elemental status and spermatogenesis activity of reindeers (1326)	S, Timofeeva
181	Cytokine profile of sows with a risk of inflammatory process development in the reproductive organs (1337)	Y, Ponomareva
182	Spread of subclinic endometritis in sows (1338)	Y, Brigadirov
183	Addition of crocin in the freezing medium improves bovine sperm characteristics (1343)	S, Lavrentiadou
184	Stallion spermatozoa DNA methylation correlates to certain enzymes and potentially allows for distinguishing fresh from frozen semen (1344)	S, Hayrabedian
185	Montmorillonite's impact on hematological profile, liver state of hens of the parent stock and hatchability of broiler chickens (1345)	M, Novikova
186	Influence of horse chestnut bark (tannin) feed additive on the reproductive system of quails (1346)	L, Drozdova
187	Reproductive response of cycling Bulgarian donkeys treated with dinoprost during breeding season (1347)	A, Atanasov
188	The influence of montmorillonite on reproductive indicators of laying hens of broiler parental herd (1349)	I, Lebedeva
189	An accessory ovarian tissue in a british shorthair cat; a case report (1354)	B, Kaszak
190	Correlation of clinical parameters and gestational age in goats (1361)	F, Cirino dos Santos
191	Use of human cardiotocography in parturition monitoring in the bitch (1365)	J, Taponen
192	Clinical comparison between peritonitis and parietal fibrinous peritonitis in Belgian Blue cattle (1367)	P, Bossaert
193	Plasma NEFA, BHB and beta-carotene concentrations in different groups of beef cows (1368)	O, Varga-Balogh
194	Post-thaw extending of ram spermatozoa with soybean-lecithin extender triggers higher viability and non-progressive motility (1370)	M, Nikolovski
195	Transrectal ultrasound as a tool for diagnosis of clinical endometritis in dairy cows. (1373)	A, Ricci
196	The effect of progestagen treatment length and fixed-time vaginal artificial insemination on the pregnancy rates of the Kivircik ewes in out of breeding season (1375)	R, Kulaksız
197	The efficiency of P4 rapid test for the detection of early pregnancy in cattle from milk samples (1391)	B, Mehmedi
198	Correlation between biparietal measurement obtained by ultrasound and by caliper in dogs (Part 1) (1392)	M, Nequinio
199	Correlation between measurement of biparietal distance by caliper and birth weight in dogs (Part 2) (1393)	C, Trovò
200	Prevention of mastitis in cows (1395)	M, Ladanova
201	Genetic transformation of quails spermatogonia in vitro (1396)	A, Vetokh
202	Prolificacy of ewes and survival rate of lambs after hybridization (1397)	L, Volkova

203	The influence of technological processes on the biological integrity of poultry spermatozoa (1398)	N, German
204	FSHR and LHR expressions in testes of fattening pigs with different first times of immunocastration (1400)	A, Roongsittichai
205	Pregnancy and pregnancy loss in AB pre-treated synchronized cows (1401)	B, Póth-Szebenyi
206	Comparing effects of FGF2 and IGF1 on the development competence of parthenogenetic activated bovine oocytes maturing in vitro (1402)	G, Singina
207	Monitoring of sex hormones in dogs with testicular neoplasia (1409)	L, Hornakova
208	Testicular Dislocation After Scrotal Trauma: A Case Report (1414)	J, Bonecka
209	Reduction of the damaging effect of vaccination against leptospirosis on the semen of stallions (1418)	B, Науменкова
210	Efficacy of antimicrobial peptides (AMPs) against major bovine mastitis pathogens (1422)	W, Petzl
211	Reproductive function of Holstein bulls depending on the concentrations of particular chemical elements (1424)	M, Miroshnikova
212	Effects of adding cryopreservation medium with reduced glutathione (GSH) on donkey sperm motility (1426)	I, Yáñez-Ortiz
213	Different phosphoproteome profiles are observed in boar semen during hot and cold seasons (1430)	D, Martín Hidalgo
214	Short antimicrobial peptides (SAMPs) added to porcine seminal doses do not affect spermatozoa quality during its storage at 17 °C (1431)	L, González-Fernández
215	Antimullerian hormone in the blood of dairy cows with different functional state of the ovaries in the postpartum period (1432)	V, Lukina
216	Comparison of colostrum microflora in second and third lactation in Holstein cows (1434)	A, Belikova
217	Short and long term outcomes of ovine emergency caesarean section (1436)	V, Balasopoulou
218	Taxifolin shows diverse effects in goat semen cryopreservation (1437)	J, Caamaño
219	Dynamics of blood serum macronutrients of pregnant and non-pregnant cows (1440)	N, Kochueva
220	Study of the activity of cysteine cathepsins in the blood serum and seminal plasma of stallions of different age groups (1441)	A, Shitikova
221	Informative use of hair as a diagnostic tool to assess the levels of chemical elements in the seminal fluid of Holstein bulls (1443)	O, Shoshina
222	Evaluation of the effect of oxidative stress in blood serum and endometrial cells in cows with metritis (1444)	S, Malledevarahalli Chandrappa
223	Morphological and histological analysis of uterus masculinus in Eurasian beaver (1449)	J, Tomiyasu
224	Subclinical mastitis and health of the newborn calves (1450)	S, Shabunin
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