Poster Presentations

P 1	Stearoyl-CoA-desaturase activity in	H Aardema, HTA Van Tol,
	cumulus cells protects the oocyte	JF Brouwers, BM Gadella and
	against lipotoxicity	BAJ Roelen
P 2	Infectiousness of equine semen in	Y Ahmed, A Hagos, B Merga,
	prepatent phase of Dourine	T Alemu, A Van Soom, L Duchateau,
		B Goddeeris and J Govaere
P 3	Does the adding of seminal plasma after	E Al-Essawe, A Johannisson, M Wulf,
	thawing influence stallion sperm	C Aurich and JM Morrell
	quality?	
P 4	Bovine oviductal extracellular vesicles	C Almiñana, S Bauersachs and
	mRNA content changes across the	P Mermillod
	oestrous cycle	
P 5	Castration effect on echotextural	MJD Amâncio, RP Nociti,
	characteristics of the vesicular glands of	MGK Rodriguez, VJC Santos,
	mature goats	RSG Mariano, RAR Uscategui,
		FFPC Barros, B Biagioli
		WRR Vicente and MEF Oliveira
P 6	Intraluteal administration of	M Andrlíková, P Andrlová, J Tabery
	cloprostenol in dairy cows	and S Čech
P 7	Estrous response and time to ovulation	G Arellano-Rodriguez, AS Alvarado-
	in nulliparous and multiparous goats	Espino, CA Meza-Herrera, R Rivas-
	treated with progesterone and human	Muñoz, O Angel-Garcia, LR Gaytan-
	chorionic gonadotropin during non-	Aleman and FG Veliz-Deras
	breeding season	
P 8	PRID Delta based treatment approches	UC Ari, C Kacar, MC Demir,
	with GnRH/eCG for anestrus cows:	D Aksoy, S Kaya and S Yildiz
	preliminary results	
P 9	True vaginal prolapse with sub-vaginal	A Atanasov, A Antonov, S Yotov and
	retroflexion of the bladder and uterus in	A Zapryanova
	a 45-day pregnant dog	
P 10	Expression pattern of TLR4 mRNA and	MO Atli, M Kose, M Hitit, MS Kaya,
	protein in the ovine corpus luteum	F Bozkaya and A Guzeloglu
	during the early pregnancy and $PGF_{2\alpha}$	
	induced luteolysis	
P 11	Expression patterns of epigenetic	MO Atli, C Ozel, M Hitit, G Sen and
	chromatin modification enzymes in	A Guzeloglu
	equine endometrium during early	
	pregnancy	
P 12	Effects of season and pregnancy on	C Aurich, E Beythien, M Wulf, N Ille
	insulin secretion and glucose clearance	and J Aurich
	in horses	
P 13	Relationships between maternal serum	O Balogh, RM Bruckmaier, S Keller
	and fetal fluid glucose, non-esterified	and IM Reichler
	fatty acids and beta-hydroxybutyrate	
	levels at the time of Cesarean section in	
	dogs	

D 14	F4 ' Cl ' ' '	OC D-11, N.C.1 ' DD C/1
P 14	Factors influencing twin	OG Balogh, N Solymosi, PR Gábor
	pregnancy/calving in dairy cows	and G Gábor
P 15	Effect of astaxanthin on extended boar	A Basioura, C Boscos, I Parrilla,
	semen stored at 17°C for 48h	G Tsousis and I Tsakmakidis
P 16	DNA fragmentation assay in defrozen	I Beishova, Z Bimenova, P Sobiech,
	spermatozoa of Holstein bulls and	T Kuzmina and Y Ussenbekov
	insemination index	
P 17	May stereotypic behaviours affect	S Ben Said, BK Nedia, N Amel,
	sperm production of Arabic Stallion?	K Soumaya, H Haifa, B Belgacem,
		E Mohamed and B Aziza
P 18	Influences of maternal progestin	T Beyer, D Scarlet, N Ille, J Aurich
	concentration on conceptus	and C Aurich
	development in mares	
P 19	DNA damage induced by addition of	L Bittner, M Siuda, E Malama and
/	hydrogen peroxide is detectable with	H Bollwein
	the COMET assay, but not with the	
	SCSA TM	
P 20	Mammary gland edema as a cause of	S Björkman, C Oliviero, S Hasan and
1 20	postpartum dysgalactia in the sow – a	O Peltoniemi
	case report	O I eitoineiiii
P 21	Intramammary infection with	M Padmar C Doldar D van dan
P 21	· ·	M Bodmer, C Dolder, B van den
	coagulase-negative staphylococci	Borne, J Traversari, V Perreten and
	species in Swiss dairy cows: A	A Thomann
D 22	longitudinal study	
P 22	Effect of super weak static magnetic	E Boitseva, V Bogdanov, T Kuzmina,
	fields on reactive oxygen species	B Shchegolev and S Surma
D 44	generation in bovine spermatozoa	
P 23	Claws dehydroepiandrosterone and	B Bolis, M Montillo, J Fusi, A Prandi
	dehydroepiandrosterone sulfate	and MC Veronesi
	concentrations in newborn dogs	
P 24	A case of simultaneous pregnancy,	J Bonecka, F Pankowski, B Degórska,
	pyometra and fetal mummification in a	M Kalwas-Śliwińska and P Jurka
	cat	
P 25	Fungal isolation from bovine milk	F Bonelli, M Sgorbini, F Mancianti,
	samples in an Italian dairy farm:	F Mariottini and S Nardoni
	preliminary results	
P 26	Changes in the productive and	G Boryaev, E Zdoroveva, M Nevitov,
	reproductive parameters of growing	A Nosov, D Abadjieva, P Rashev and
	gilts induced by supplementing the api	E Kistanova
	byproduct drone brood	
P 27	Effect of sodium hyaluronate (HA) on	M Bryła, M Trzcińska and Z Smorag
,	liquid stored and cryopreserved boar	7, 2 2 3 2 2 3148
	semen	
P 28	Two natural antioxidants and boar	D Bucci, N Prieto Martínez, B Mislei,
1 20	frozen semen: surprising effects	B Gadani, M Spinaci, C Tamanini,
	1102011 Sement Surprising Circus	CC Love, G Mari, M Yeste and
		G Galeati
D 20	Hea of a multi-color flavy systematric	
P 29	Use of a multi-color flow cytometric	K Bucher, E Malama, M Siuda,
	assay for the evaluation of bull fertility	U Witschi, E Hasenpusch, T Röpke,
		F Janett and H Bollwein

	T	
P 30	The use of toluidine blue in the	M Burkhardt de Koivisto, IP Alves,
	evaluation of chromatine morphometry	CHB Cancelli, TLM Grassi,
	and condensation in epididymal	PR Heggendorn, JT Carreira and
	spermatozoas of cats	JC Pierucci
P 31	Role of Heat Shock Protein 90 (HSP90)	V Calle-Guisado, A Hurtado de Llera,
	during heat stress in boar sperm	MJ Bragado, LJ García-Marín and
		L González-Fernández
P 32	Treatment efficacy for experimentally	I Canisso, B Curcio, F Pazinato,
	induced ascending placentitis in mares	L Borba, L Feijó and CE Nogueira
P 33	First case of XX-SRY positive DSD in	G Catone, S Albarella, E D'anza,
	an Italian saddlebred horse	F Ciotola, V Peretti, C Quattrini,
		L Petrucci, F Costa and C Vullo
P 34	Increased free fatty acids concentration	W Chankeaw, Y Guo, R Båge,
	impairs bovine endometrial epithelial	A Svensson, G Andersson and
	cell proliferation in culture	P Humblot
P 35	Sperm cromatin integrity in stallions	F Ciani, N Cocchia, C Del Prete,
1 33	with <i>Lepidium meyenii</i> (Maca) dietary	V Palumbo, D Carotenuto,
	supplementation	MP Pasolini and S Tafuri
P 36	Effects of extremely low frequency	R Ciccarelli, N Bernabò, D Perruzza,
1 30	electromagnetic field on swine	M Mattioli and B Barboni
	oviductal epithelial cells	Wi Wattion and B Barboni
P 37	Cryopreservation of stallion sperm	C Consuegra, F Crespo, M Bottrel,
1 37	using sucrose as alternative to glycerol:	I Ortiz, J Dorado, M Diaz-Jimenez,
	preliminary results	B Pereira, C Gonzalez, R Aguilera and
	premimary results	M Hidalgo
P 38	Effect of anti-gonadotrophin-releasing	A Crespilho, K Peixoto Jr, C Ferreira,
1 30	hormone vaccination on the weight gain	L Jarrell, G Gomes and Y Bastos
	and testicular ecotexture of bull calves	L Jarren, O Gomes and T Basios
P 39		H.Cucho, C.Ordonoz, E.Ampuero
F 39	Fragmentation index of DNA sperm in	H Cucho, C Ordonez, E Ampuero,
	llama semen (<i>Lama glama</i>)	N Huanca, W Quispe, M Mendoza,
P 40	Effect of ZnO.Eu nonomicles on	R Ccalta and C Hanzen
P 40	Effect of ZnO:Eu nanoparticles on	S Dąbrowski, P Kielbik, R Faundez,
	kinetic sperm parameters and apoptosis	MM Godlewski, M Godlewski,
	in mice testis	J Koszewski, E Wolska and
D 41		Z Gajewski
P 41	Correlation between systemic oxidative	C Del Prete, S Tafuri, N Cocchia,
	stress markers and semen parameters by	L Abbondante, E Iorio, V Palumbo,
D 40	Sperm Class Analyzer (SCA) in dogs	MP Pasolini and F Ciani
P 42	Effect of the blood chimerism in the	S Demyda-Peyrás, G Anaya,
	reproductive tract: preliminary results in	M Hidalgo, M Moreno-Millán and
- · · -	eight twin foals	A Molina
P 43	A retrospective study on uterine and	D Derar, A Ali and A Al-Samri
	vaginal prolapse in female dromedary	
P 44	Subclinical endometritis in repeat	D Derar, A Ali, E Saeed, F Al-Sobayil
	breeder female dromedary	and A Al-Samri
P 45	Donkey sperm vitrification as	M Diaz-Jimenez, B Pereira,
	alternative to conventional freezing:	C Consuegra, I Ortiz, J Dorado and
	preliminary results	M Hidalgo
P 46	Positive effect of semen collection	A Dogliero, M Mauthe von Degerfeld,
	training on Melopsittacus undulatus	G Quaranta and A Rota
	semen quality	
	· · · · · · · · · · · · · · · · · · ·	

P 47	A case of cutaneous malignant melanoma of canine mammary gland	I Dolka, P Jurka and K Kacprzak
P 48	Differential diagnosis of hemorrhagic	D Domanska, M Trela, M Domino,
1 40	anovulatory follicles (HAFs) and the	M Masko, K Skierbiszewska,
	· · · · · · · · · · · · · · · · · · ·	· · · · · · · · · · · · · · · · · · ·
	preovulatory follicles in mares assesed	A Wehrend, P Matyba and Z Gajewski
P 49	by color flow doppler sonography	M Domino V Chiarbianavyalva
P 49	The different density of pacemaker cells in equine reproductive tract	M Domino, K Skierbiszewska,
	in equine reproductive tract	J Olszewski, M Masko, B Pawlinski,
		P Matyba, R Zabielski, A Wehrend
P 50	Effect of follicle size and endometrial	and Z Gajewski
P 30		J Dorado, M Bottrel, A Freijo,
	oedema on ovulation induction and	D Segura, M Diaz, I Ortiz and
	embryo recovery in the Andalusian	M Hidalgo
D 51	donkey	TD 1'DI 'VD4
P 51	Metabolic profiles and hormonal status	T Dovenski, B Jasari, V Petkov,
	are not different between primiparous	L Pendovski, F Popovska Percinic,
	and multiparous dairy cows diagnosed	I Celeska, M Radeski, M Nikolovski,
	with inactive ovaries (true anestrus)	N Adamov, M Dovenska and
D 50		B Atanasov
P 52	Can inter-species (caprine-porcine)	N Dzięgiel, M Samiec and
	cloned embryos be able to complete	M Skrzyszowska
	their development to blastocyst stage?	
P 53	Early pregnancy diagnosis in dairy	O Ergene, I Darbaz, S Sayıner and
	cows by ultrasound and determination	S Aslan
	of bovine-pregnancy-associated	
	glycoproteins, bovine pregnancy	
	specific protein B and progesterone	
P 54	Effect of a treatment without antibiotics	M Ernstberger, H Oehl, M Haessig,
	on fertility of cows without a corpus	C Kirchgaessner and H Bollwein
	luteum suffering from endometritis	
P 55	Effect of reduced glutathione addition	A Erokhin, I Pridanova and M Dunin
	to extender on quality and fertility of	
	frozen goat semen	
P 56	Immunohistochemical expression	MC Espejel-del-Moral, S Rodenbusch,
	pattern of Desmin, Vimentin, α-Actin,	S Merbach, C Ellenberger, D Schoon
	Cytokeratin and Laminin in bovine	and HA Schoon
	endometrosis	
P 57	Progesterone levels under feeding	M Faheem, H Nunes, M Dinis,
	bovine with <i>Pittosporum undulatum</i> in	A Borba and F Moreira da Silva
	vivo and their embryo production in	
	vitro	
P 58	Positive effect of ethylene glycol on the	M Falomo, R Mantovani and M Rossi
	refreezing of stallion semen	
P 59	Effect of GnRH injection three days	M Farhoodi, S Teymuri and
	after $PGF_{2\alpha}$ on estrus synchronization	F Moosakhani
P 60	3D ultrasound investigation of embryo-	I Fasulkov, S Yotov, M Karadaev,
	fetal development during the first	N Vasilev, T Ileva and T Nonov
	pregnancy trimester in goats	
P 61	Serum metabolome analysis in doe kids	A Fatet, L Nadal-Desbarats,
	for the identification of biomarkers of	K Boissard, S Freret, M-T Pellicer-
	sexual precocity	Rubio, D Monniaux and G Goudet

r	1	1
P 62	Morphokinetic analysis of the	R Faundez, A Niwinska,
	development of mouse embryos from	G Sokołowski, S Dabrowski,
	strains: C57BL/6W, 129s1/SvW and	M Petrajtis-Golobow and Z Gajewski
	C3H/W by Time Lapse Monitoring	
	(TLM)	
P 63	Improving VET SKILLS: construction	C Fischer-Tenhagen, L Schüller and
	of a simulator for training caesarian	W Heuwieser
	section in bovines	
P 64	Impacts of pathological alterations of	A Fleisch, S Fischer, B Knutti and
	the uterus and cervix on fertility in	H Bollwein
	mares	
P 65	Identification of CLPTM1 gene	P Florczuk, J Gruszczyńska,
	mutation in domestic dog Canis lupus	M Filipiuk, K Fiszdon, B Grzegrzółka,
	familiaris	BJ Bartyzel and P Jurka
P 66	Quality of total RNA isolated from	L Fraser, P Brym, CS Pareek,
1 00	spermatozoa of boars with different	K Wasilewska and M Mogielnicka-
	semen freezability	Brzozowska
P 67	Simplicimonas-like DNA in vaginal	C Frey, N Müller, N Marreros and
1 07	swabs of cattle cross-reacting in the	G Hirsbrunner
	real-time PCR for <i>T. foetus</i>	G Thisordinier
P 68	Factors affecting pregnancy-associated	M Gajewska, M Petrajtis-Gołobów,
1 00	glycoprotein (PAG) concentration in	R Faundez, B Pawlinski, N Melo de
	urine of dairy cows during early	Sousa and Z Gajewski
	pregnancy	Sousa and Z Gajewski
P 69	The improvement of beef cows	Z Gajewski, P Matkowski,
1 0)	breeding management pregnancy	B Pawlinski, M Sady, M Gajewska,
	control using PAG determination	M Trela, M Domino and A Wehrend
P 70	Does total prostatectomy always cause	M Galanty, J Frymus, P Trębacz,
1 70	postoperative urinary incontinence in	B Degórska, A Migdalska,
	dogs? Preliminary study	A Tomkowicz, J Bonecka, K Kasprzak
	dogs: Tremmary study	and P Jurka
P 71	Metabolomic profiling of the oviductal	J Gatien, J Lamy, F Dubuisson,
1 /1	fluid across the estrous cycle in the cow	L Nadal-Desdarats, P Mermillod,
	find across the estrous eyere in the cow	P Salvetti and M Saint-Dizier
P 72	microRNA profiling in the bovine	R Gecaj, C Schanzenbach, MW Pfaffl
r /2	corpus luteum during the early	and B Berisha
		and b bensha
P 73	Expression patterns of epigenetic	S Genetik, C Ozel, M Hitit, G Sen and
F /3	1 1 1 0	
	chromatin modification enzymes in	A Guzeloglu
	equine endometrium during early	
D 74	pregnancy Evolution of the introduction of a	C Cámar Casa D Alagua E Mantánar
P 74	Evaluation of the introduction of a	C Gómez-Seco, B Alegre, F Martínez-
	CIDR device in a Cosynch	Pastor, JG Prieto, JR González-
	synchronization protocol in dairy cows	Montaña, M Alonso and
D 75	Door comen precognistion of 40C	JC Domínguez
P 75	Boar semen preservation at 4°C without	A Gonzalez, C Lesimple, S Ferchaud
D 76	the use of antibiotics in gilts	and E Schmitt
P 76	Expanded and compact equine cumulus-	L González-Fernández, MG Alves,
	oocyte complexes exhibit different fatty	PF Oliveira, S Macedo, A Rocha and
	acid and amino acid metabolism during	B Macías-García
	in vitro maturation	

P 77	Epididymal storage and N-	S González Hidalgo, E Matilla,
	acetylcysteine supplementation on	B Macías-García, FM Sánchez-
	chromatin status of cryopreserved	Margallo and F Martínez-Pastor
	stallion epididymal spermatozoa	
P 78	Honey bee may substitute egg yolk in	A Gracia, E Ferraz, N Martin,
	ram semen extenders	F Gonzalez, F Cabrera and A Medrano
P 79	Effects of FSH and nutrition on the	A Gram, M Kowalewski, A Reyaz,
	luteal angiopoietin (Angpt) system in	V Valkov, D Redmer and A Grazul-
	ewes	Bilska
P 80	Clinical trial detectin estrus in a female	C Grobien, Y Mallem, S Michaud,
	dog with the help oa a temperature	L Briand-Amirat and D Bencharif
D 01	sensor placed intramuscular	I.C. / 1 D.C. / 11 1
P 81	Molecular identification of the avian	J Gruszczyńska, B Grzegrzółka and
D 02	sex based on blastodisc DNA	S Nowaczewski
P 82	Reproduction biology of the reed vole (<i>Microtus fortis</i>)	B Grzegrzółka and J Gruszczyńska
P 83	Effect of estrogen imbalance during	M Grzesiak, M Slomczynska,
	neonatal period on the expression of	M Koziorowski and K Knapczyk-
	receptors for GDF9 and BMP15 in	Stwora
	small antral follicle in pig	
P 84	Comparison of two œstrus	A Guiheneuf, L Briand-Amirat,
	synchronisation protocols in lactating	D Bencharif and R Fournier
	dairy cows: OVSYNCH protocol and a	
	RESYNCH protocol 28 days after	
P 85	artificial insemination The use of Cytospin Preparation	K Gürbulak, L Çakır Bayram, U Kara,
1 03	(Cytocentrifuge) Technique Cytospin	H Mutlu, S Ugur and A Akçay
	Preparation for endometrium evaluation	11 Wudu, 5 Ogui and A Akçay
	in embryo transfered cows	
P 86	Effects of spermidine on in-vitro	H Gürler, D Müller, S Meinecke-
2 00	production of bovine embryos:	Tillmann* and A Bajcsy*
	preliminary results	
P 87	Massive chronic-infectious periorchitis	K Hahn, A Falkenau, L Goehring and
	and hydrocele in a stallion	T Witte
P 88	Effect of insemination timing following	S Haider, MU Mehmood, Q Shehzad,
	5 or 7 days CIDR Co-synch in Nilli	Z Tahir and A Sattar
	Ravi buffalo heifers	
P 89	Dietary supplementation of tall oil fatty	S Hasan, S Junnikkala, O Peltoniemi
	acid and resin acid in farrowing sows	and C Oliviero
	can affect the colostrum quality	
P 90	Effect of quercetin addition to murine	N Hernández, N Hernández,
	morulae produced in vitro: changes in	C Tobajas, E Matilla, J Mijares,
	total cell count and hypoxia-inducible	FM Sanchéz-Margallo, IS Álvarez and
-	factor 1α (HIF-1α) expression	B Macias-Garcia
P 91	Correlation between parameters of	L Hernández Corredor, JJ Bustamante-
	motility in frozen-thawed semen of	Cano and A Quintero-Moreno
	goats	

	1 - 2 - 2 - 2 - 2 - 2 - 2 - 2 - 2 - 2 -	Tacarra 160 and 126 a
P 92	Expression of components of Ca ²⁺	M Hitit, M Kose, MO Atli and M Acar
	release-activated Ca ²⁺ (CRAC) channel	
	in the ovine corpus luteum during the	
	early pregnancy and PGF _{2a} induced	
	luteolysis	
P 93	The evaluation of blood concentrations	L Hornakova, T Vrbovska and
	of Anti-Müllerian hormone (AMH) in	J Hajurka
	dogs with cryptorchidism and neoplastic	
	diseases	
P 94	Multiple periovulatory inseminations	D Huber, E Amsler, B Wespi,
	are associated with an increase of	R Kaeser, H Sieme, B Vidondo and
	pregnancy rate in fertile mares without	D Burger
	raising the risk for post-breeding	
	endometritis	
P 95	Optimization and characterization a	S Ibrahim, A Szóstek-Mioduchowska
	novel model for culture of equine	and D Skarzynski
	oviductal epithelial cells	
P 96	Age-related alterations in the quality of	B Iolchiev, V Bagirov, G Singina,
	sperm from the European bison	A Abilov, M Zhilinskiy, I Lebedeva
		and N Zinovieva
P 97	Application of a new drug for chronic	M Isakova, M Ryaposova,
	inflammation treatment in cows	D Kadochnikov, T Khonina and
		E Larchenko
P 98	The CPC and BPH differentiation in	T Jasiński, K Lorenc,
	multiparametric Magnetic Resonance	K Skierbiszewska, M Domino,
	Imaging	P Matyba, R Zabielski, A Wehrend,
		B Ciszkowska and Z Gajewski
P 99	Non-esterified fatty acids in early luteal	L Jordaens, V Van Hoeck, M Berth,
	bovine oviduct fluid mirror plasma	W Marei, P Bols and J Leroy
	concentrations	
P 100	Sarcoma in newborn puppy, preliminary	P Jurka, K Kacprzak, S Kanafa,
	study	A Ruszczak, I Kaszak and
		R Sapierzyński
P 101	Investigation of sensitivity of	C Kacar, O Karakuş, S Kaya,
	Fassisi®BoviPreg test kit for early	MC Demir, UÇ Ari, AK Zonturlu and
D 100	pregnancy diagnosis in cattle	Y Öztürkler
P 102	Castration influence on male and female	K Kacprzak, S Kanafa, A Ruszczak,
D 100	rat body weight	I Kaszak and P Jurka
P 103	Surgial removal of follicular cysts	S Kanafa, K Kacprzak, A Ruszczak,
	during pregnancy in the bitch: a case	I Kaszak, J Frymus, M Galanty and
D 101	report	P Jurka
P 104	Preliminary study on biomarkers for	I. Kaszak , A. Ruszczak , S. Kanafa ,
	canine mammary tumors	K. Kacprzak , O. Witkowska
D 107	TT' 4 1 2 12 22 22 2	Piłaszewicz and M. Grześ
P 105	Histological investigation and	M Kaveh Baghbadorani and
	karyotyping of amorphous globosus	M Farhoodi Oghadam
	cases occurred in a dairy herd	
D 10 -	throughout one year observation	
P 106	Effect of age-associated	M Khan, S Ahmed and M Ahmad
	lipidperoxidation on semen quality of	
	Nili-Ravi buffalo bull	

		_
P 107	Bioactives from <i>Cynara scolymus</i> and	E Kistanova, V Mladenova,
	vitamin E affect the superovulation and	D Abadjieva and M Chervenkov
	DNMT1 expression in mouse oocytes	
P 108	Studies on the etiology, therapy and	D Klaus-Halla, B Mair and H Zerbe
	prognosis of uterine torsion in cattle	
P 109	Suitability of dialysis as the method to	P Klinc, B Premrov Bajuk, T Pihlar,
	remove phospholipase from the	N Pogačnik and M Kosec
	ejaculate of the buck	
P 110	Effect of endocrine-active chemicals on	K Knapczyk-Stwora, R Ciereszko,
	plasma steroids level in neonatal pig	M Koziorowski, S Nowak and
	promise services as the services program program program as the services are services are services as the services are service	M Slomczynska
P 111	Modified bisection of zona-punctured	J Koseniuk, M Skrzyszowska,
	blastocysts is a powerful tool used for	M Samiec, B Gajda, Z Smorag and
	experimental embryo duplication and	R Słomski
	subsequent production of genetically	K Sioniski
P 112	identical twin offspring in pigs Preliminary results: Vaginal pH	L Kouba, L Martin, S Michaud,
1 112	variations during oestrus cycle of the	L Amirat-Briand and D Bencharif
	bitch	L'Allinat-Bhand and D'Bencham
P 113	Effect of low temperature on	L Kozikova, E Polteva and
1 113	embryonic-larval period of development	K Plemyashov
	of zebrafish	Transposito v
P 114	Breed effects on cryotolerance of	J Kuhl, K Schmidt and C Aurich
1 117	stallion semen	3 Kum, K Semmut and C Aurien
P 115	Steroid levels in fluid of bovine	T Kuzmina, A Molchanov,
	follicules containing growing or fully	T Stanislavovich and D Tatarskaya
	grown oocytes	1 Stanislavovich and D Tatarskaya
P 116	Conditioned medium derived from	A Lange-Consiglio, C Perrini,
1 110	amniotic progenitor cells and its	E Manfredi, C Pollera, R Garlappi and
	therapeutic approach in bovine mastitis	F Cremonesi
P 117	Canine semen refrigeration in a 2%	M Lebarbey, L Briand-Amirat,
1 117	liposome media: in-vitro and in-vivo	D Tainturier, C Thorin, S Michaud
	fertility tests	and D Bencharif
P 118	The metabolic status of cows with	V Leibova, I Shapiev, E Nikitkina and
1 110	different level of uterine contractility	K Plemyashov
P 119	Comparison of head morphometric	S Leon Restrepo, A Silva Torres,
1 119	measurements in semen of fresh and	JA Rubio Parada, C Salazar Perez,
	post-thawing in deers (<i>Odocoileus</i>	J Bustamante Cano, A Quintero
		Moreno and L Hernandez Corredor
P 120	virginianus)	
F 120	Cryostorage time impairs motility	J Li, I Parrilla, M Ortega, EA Martinez
	parameters in frozen-thawed boar	and J Roca
D 101	spermatozoa	Di Hamas I Anan O I Anan Alla
P 121	Morphometrical study of the lumen of	PJ Llamas López, O López-Albors,
	the porcine cervix: nulliparous vs.	MA Jacome, M Martínez-Espí and
D 465	multiparous	F García-Vázquez
P 122	Expression of PEBP4 in the oviduct	R López-Úbeda, S Acuña, M Avilés,
	during the estrous cycle of sows	FA García-Vázquez, A Guillén-
		Martínez, C Soriano-Úbeda and
		MJ Izquierdo-Rico
	· · · · · · · · · · · · · · · · · · ·	

P 123 Polymyxin B but not flunixin inhibits the lipopolysaccharide-induced suppression of luteal function in isolated perfused bovine ovaries in vitro P 124 Effect of calcium, bicarbonate, bovine serum albumin and medium pH on spontaneous acrosome reaction in equine sperm P 125 Percentage of apoptotic embryonic cells under exogenous porcine FSH dose effect in superovulation protocol of ewes P 126 Rolling J Lüttgenau, B Möller, E Storni, K Hankele, O Wellnitz, RM Bruckmaier, A Miyamoto, SE Ulbrich and H Bollwein B Macías-García, L González-Fernández, C Love, D Varner an K Hinrichs GS Maciel, MGK Rodriguez, CS Oliveira, DP Vrisman, R We da Rocha, FF Pereira da Câmara Barros, PM Teixeira, RAR Uscar MAR Feliciano, WRR Vicente a MEF Oliveira	d ndler tegui,
suppression of luteal function in isolated perfused bovine ovaries in vitro P 124 Effect of calcium, bicarbonate, bovine serum albumin and medium pH on spontaneous acrosome reaction in equine sperm P 125 Percentage of apoptotic embryonic cells under exogenous porcine FSH dose effect in superovulation protocol of ewes P 126 RM Bruckmaier, A Miyamoto, SE Ulbrich and H Bollwein B Macías-García, L González-Fernández, C Love, D Varner an K Hinrichs GS Maciel, MGK Rodriguez, CS Oliveira, DP Vrisman, R We da Rocha, FF Pereira da Câmara Barros, PM Teixeira, RAR Uscar MAR Feliciano, WRR Vicente a MEF Oliveira	ndler tegui,
isolated perfused bovine ovaries in vitro P 124 Effect of calcium, bicarbonate, bovine serum albumin and medium pH on spontaneous acrosome reaction in equine sperm P 125 Percentage of apoptotic embryonic cells under exogenous porcine FSH dose effect in superovulation protocol of ewes B Macías-García, L González-Fernández, C Love, D Varner an K Hinrichs GS Maciel, MGK Rodriguez, CS Oliveira, DP Vrisman, R We da Rocha, FF Pereira da Câmara Barros, PM Teixeira, RAR Uscar MAR Feliciano, WRR Vicente a MEF Oliveira	ndler tegui,
P 124 Effect of calcium, bicarbonate, bovine serum albumin and medium pH on spontaneous acrosome reaction in equine sperm P 125 Percentage of apoptotic embryonic cells under exogenous porcine FSH dose effect in superovulation protocol of ewes MAR Feliciano, WRR Vicente a MEF Oliveira	ndler tegui,
serum albumin and medium pH on spontaneous acrosome reaction in equine sperm P 125 Percentage of apoptotic embryonic cells under exogenous porcine FSH dose effect in superovulation protocol of ewes Barros, PM Teixeira, RAR Uscar MAR Feliciano, WRR Vicente a MEF Oliveira	ndler tegui,
spontaneous acrosome reaction in equine sperm P 125 Percentage of apoptotic embryonic cells under exogenous porcine FSH dose effect in superovulation protocol of ewes Barros, PM Teixeira, RAR Uscar MAR Feliciano, WRR Vicente a MEF Oliveira	ndler tegui,
P 125 Percentage of apoptotic embryonic cells under exogenous porcine FSH dose effect in superovulation protocol of ewes Barros, PM Teixeira, RAR Uscar MAR Feliciano, WRR Vicente a MEF Oliveira	tegui,
P 125 Percentage of apoptotic embryonic cells under exogenous porcine FSH dose effect in superovulation protocol of ewes Output Description: GS Maciel, MGK Rodriguez, CS Oliveira, DP Vrisman, R We da Rocha, FF Pereira da Câmara Barros, PM Teixeira, RAR Uscar MAR Feliciano, WRR Vicente a MEF Oliveira	tegui,
under exogenous porcine FSH dose effect in superovulation protocol of ewes CS Oliveira, DP Vrisman, R We da Rocha, FF Pereira da Câmara Barros, PM Teixeira, RAR Uscat MAR Feliciano, WRR Vicente a MEF Oliveira	tegui,
effect in superovulation protocol of ewes da Rocha, FF Pereira da Câmara Barros, PM Teixeira, RAR Uscar MAR Feliciano, WRR Vicente a MEF Oliveira	tegui,
ewes Barros, PM Teixeira, RAR Uscar MAR Feliciano, WRR Vicente a MEF Oliveira	_
MAR Feliciano, WRR Vicente a MEF Oliveira	_
MEF Oliveira	nd
P 126 Production of lamb-transplants via N Malmakov, A Spanov and	
oocyte transfer D Bekenov	
P 127 Thawing at 60°C is better than 37°C for C Malo, B Elwing, L Soederstroe	em,
dromedary camel spermatozoa JM Morrell and J Skidmore	
P 128 Expression of nerve growth factor and M Maranesi, L Petrucci, L Leona	ırdi,
its receptors in the pituitary and F Piro, F Parillo, M Zerani, A M	oura,
reproductive tract of rabbits G Gonzalez-Mariscal and C Boit	i
(Oryctolagus cuniculus): possible NGF-	
mediated role to induce ovulation	
P 129 Developmental capacity of bovine WFA Marei, S Andries, PEJ Bol	s and
oocytes following JC-1 staining JLMR Leroy	
P 130 The role of donkey seminal plasma (SP) H Marín Estruch, S Bonilla, M P	apas,
proteins on the control of F Noto and J Miró	
polimorphonuclear neutrophils (PMN)-	
spermatozoa (spz) ROS production	
P 131 Preliminary results of the High- M Maronezi, APR Simões,	
definition (HD) ultrasonography in ML Avante, RAR Uscategui, P S	ilva,
evaluation of brachycephalic pregnant MGK Rodriguez, GS Maciel,	
bitches WRR Vicente and MAR Felician	10
P 132 Effect of melatonin on in vitro C Martinez, A Nohalez, I Parrilla	ì,
development of in vivo-derived 4-cell J Roca, C Cuello, EA Martinez a	nd
porcine embryos MA Gil	
P 133 Single Layer Centrifugation (SLC) as a M Martinez-Alborcia, M Broekh	uijse,
predictive tool of boar fertility A Bolarin and JM Morrell	
P 134 The inbred in management programs of M Masko, M Domino, T Jasinsk	
Polish Warmblood mares participating K Skierbiszewska and Z Gajews	ki
in stationary performance tests	
P 135 Incubation of murine oocytes with N- E Matilla, FE Martín-Cano,	
acetylcysteine after thawing prevents N Hernández, J Mijares, C Tobaj	
mitochondrial depolarization FM Sánchez-Margallo, IS Alvard	ez and
B Macías-García	
P 136 The effect of susceptibility to P Matyba, M Domino, T Jasinsk	i,
mycotoxins in fodder on the breeding B Pawlinski and Z Gajewski	
indicators in herd of sows	
P 137 Comparison of four methods to assess A Medrano, A Alcantar-Rodrigu	ez
plasma membrane integrity in fresh and and F Herrera	
frozen-thawed dog spermatozoa	

P 138	Anamniorrhexis (caul and en-caul birth)	JF Mee and J Kenneally
	in stillborn dairy calves - the first case	
	series	
P 139	Urine specific gravity serial analysis in	M Melandri, S Alonge and
	Great Dane dogs from birth to 28 days	MC Veronesi
	of age	
P 140	Effect of birth weight, weaning weight	M Mellado and E López
	and preweaning weight gain on fertility	
	of Holstein heifers	
P 141	Isolation and cryopreservation of	E Mennibaeva, E Tomgorova,
	poultry primordial germ cells	A Vetokh, N Volkova, A Dotsev,
		V Bagirov and N Zinovieva
P 142	Targeted supplementation of protein	C Meza-Herrera, CA Romero-
	enriched Opuntia cladodes upon	Rodriguez, CE Santamaria-Estrada,
	reproductive outcomes in anestrous	A Nevarez-Dominguez, NM Lopez-
	goats exposed to the male effect: I.	Flores, O Cano-Villegas, A Flores-
	Estrus induction, estrus latency and	Hernandez, MA Herrera-Machuca,
	ovulation rate	FG Veliz-Deras and CA Rosales-Nieto
P 143	Influence of females body mass on	M Miasko, M Łukasiewicz,
	selected features of the first and second	J Gruszczyńska, W Świderek and
	egg in Wrocław Meat Pigeon hatch	B Grzegrzółka
P 144	Extracorporeal developmental capacity	E Mielczarek, M Samiec and
1 1 1 1	of inter-species (caprine-bovine)	M Skrzyszowska
	nuclear-transferred (NT) embryos does	NI SKIZYSZOWSKU
	not differ remarkably from	
	developmental capacity of intra-species	
	(caprine) NT embryos	
P 145	Computed tomography of the paranasal	M Mikuła, J Bonecka, F Pankowski,
1 113	sinuses in 1-day-old puppies	J Gruszczyńska and BJ Bartyzel
P 146	Chaetomium spp, a new agent identified	J Miro, F Noto, S Bonilla, M Papas,
1 140	in equine endometritis	N Carreras and MA Calvo
P 147	Combination of GnRH-prostaglandin	A Mirzaei, M Mohebbi-Fani, A Omidi
1 14/	and ram effect may enhance the	and S Nazifi
	reproductive performance of Karakul	and 5 Ivaziii
	ewes during the non-breeding season	
P 148	Thyroid profiles during the postpartum	O Mityashova, A Solomakhin and
1 140	period in primiparous dairy cows with	I Lebedeva
		1 Lebedeva
P 149	Molacular interactions between persing	T Molcan, S Swigonska, K Orlowska,
F 149	Molecular interactions between porcine	
	CYP1A1 and selected dioxins may help	A Nynca, A Sadowska, M Ruszkowska and RE Ciereszko
	to explain the high resistance of TCDD	IVI KUSZKOWSKA AHU KE CIEIESZKO
P 150	to biodegradation The potential role of Nodel in more	S Morozzo MD Dahardão A Amarol
F 130	The potential role of Nodal in mare	S Morazzo, MR Rebordão, A Amaral,
	endometrosis	E Walewska, M Zakrzewska,
		AM Galvão, A Szóstek-
		Mioduchowska, D Skarzynski and
D 151		G Ferreira-Dias
P 151	Genes encoding mammalian oviductal	C Moros-Nicolás, G Goudet and
	proteins involved in fertilization are	P Monget
	subjected to gene death and positive	
	selection	

P 152	Comparative effects of addition of	A Murtaza, M Ahmad, M Zubair and
	superoxide dismutase and reduced	S Umar
	glutathione on cryopreservation of	
	Sahiwal bull semen	
P 153	Prevalence of anoestrus in dairy cows	G Naglis, I Fasulkov, M Karadaev,
	, and the second	R Vasileva and N Vasilev
P 154	Echographic parameters of the corpus	A Nezhdanov, V Mikhalev,
	luteum and uterine horn in cows under	S Shabunin, E Lozovaya and
	intrauterine growth retardation and	K Lobodin
	embryo death	
P 155	The efficiency of ovarian responses to	E Nikitkina, E Pestunovich,
	the estrus synchronization and	A Krutikova, O Balashova and
	superovulation of sheep in Kuwait	K Plemyashov
P 156	Storage of in vivo-derived porcine	A Nohalez, CA Martinez, I Parrilla,
1 130	blastocysts for 48 hours in two culture	J Sanchez-Osorio, J Roca, MA Gil,
	media at 25°C or 37°C without	EA Martinez and C Cuello
	controlled gassing	Lit Warting and C Cucho
P 157	The histological analysis of	R Novotny, P Cizek, A Bartoskova
1 137	spermatogenic epithelium twelve	and P Prinosilova
	months after deslorelin implant	and I I infositova
	administration in toms	
P 158	Luteal expression of the canine relaxin	M Nowak and MP Kowalewski
F 136	<u> -</u>	WI NOWAK AND WIF KOWAIEWSKI
	(RLN) system during pregnancy and at	
	normal and antigestagen-induced	
	parturition: hypophyseal localization	
D 150	and implications for luteotropic function	T N4-11- vi- D Hl-1-4 V Ci
P 159	Effect of energy balance on cyclicity in	T Ntallaris, P Humblot, Y Sjunnesson,
	primiparous Holstein and SRB dairy	R Båge and B Berglund
D 160	COWS	COsta EMstern D.Cosstern
P 160	Bacterial count and quality of liquid	C Oehler, E Malama, R Gugelmann,
	stored boar semen with and without	H Bollwein and F Janett
D 161	addition of antibiotics	LOlogowski D Domonski
P 161	Mammary squamous - cell carcinoma in	J Olszewski, D Domanska,
	a mare: clinical, cytological and	M Domino, B Pawlinski, M Petrajtis-
D 162	immunofluorescent findings	Golobow, K Gorski and Z Gajewski
P 162	In vitro development of porcine cloned	J Opiela, M Samiec and
	embryos is stimulated by genomic DNA	M Skrzyszowska
	of blood-derived fibroblast-like cells to	
	a lesser extent than by genomic DNA of	
	bone marrow-derived mesenchymal	
D 4	stem cells	
P 163	Evaluation of two intravaginal implants	C Ordoñez, E Ampuero, N Huanca,
	l	1 3 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7
	for the synchronization of estrus in	N Llocallasi, H Cucho and C Hanzen
	for the synchronization of estrus in criollo cattle in Peru	N Llocallasi, H Cucho and C Hanzen
P 164		K Orlowska, S Swigonska,
	criollo cattle in Peru	

P 165	Elimination of bacteria from equine semen using colloid centrifugation before cool storage reduce H ₂ O ₂ production and increase functional sperm	C Ortega Ferrusola, E Plaza, E Varela, JM Ortiz Rodriguez, L Anel-Lopez, MC Gil, L Anel, F Peña, JM Morrell and J Rey
P 166	Intra- and peri-testicular damage resulting in alterations in sperm morphology after testicular biopsy in a Holstein bull	H Otzen, M Heppelmann, C Bajcsy, C Hettel, E Hasenpusch, R Brehm and K Rode
P 167	Preliminary findings on some reproductive indices following administration of Diclair® to rabbit-does	A Oyewunmi, O Leigh and P Kekere
P 168	European beaver (<i>Castor fiber</i>) penile bone in computed tomographic and post-mortem examination	F Pankowski, F Rzepiński, J Bonecka, B Orłowska, K Anusz and BJ Bartyzel
P 169	Histological findings from endometrium biopsies in jennies	M Papas, F Noto, S Bonilla, H Marín and J Miró
P 170	A case of uterine hematoma in a mare after an endometrial biopsy	S Parrilla-Hernandez, F Reignier, P Barrière, T Blard, J Ponthier and S Deleuze
P 171	Evaluation of selected gasometric parameters in piglets during weaning period	B Pawliński, B Pawlinski, P Szczęsny, K Siewruk, M Domino, M Sady, M Gajewska and Z Gajewski
P 172	The use of strategic analysis as learning tool in the animal reproduction field	R Payan Carreira and C Dominguez
P 173	Assessment of plasma membrane integrity of donkey sperm using different staining protocols: reliminary results	B Pereira, I Ortiz, J Dorado, M Diaz- Jimenez, C Consuegra, A Camacho and M Hidalgo
P 174	MicroRNAs of equine amniotic mesenchymal cells-derived microvesicles and their involvement in anti-inflammatory process	C Perrini, E Capra, F Pizzi, B Lazzari, A Stella, F Cremonesi and A Lange- Consiglio
P 175	Bovine Pregnancy-associated Glycoproteins (PAG) in urine, milk, serum and 17β-estradiol in cows with confirmed Late Embryonic Death (LED)	M Petrajtis-Gołobów, N Melo de Sousa, J-F Beckers, R Faundez and Z Gajewski
P 176	Influence of the insemination sheath on the semen retention rate in the AI gun	H Pinto, L Jarrell, K Peixoto Jr., G Gomes and A Crespilho
P 177	Is Oviduct Specific Glycoprotein important in mare oviduct?	P Pinto-Bravo, A Amaral, MR Rebordão, A Szóstek- Mioduchowska, A Galvão, D Skarzynski, R Roberto da Costa and G Ferreira-Dias
P 178	Semen collection and evaluation in reindeer (Rangifer tarandus)	K Plemyashov, E Nikitkina, V Goncharov, A Krutikova and O Sergeeva
P 179	The ovulation-inducing effect of chicken sperm	N Pleshanov, E Fedorova, O Stanishevskaya and K Plemyashov

P 180	Different methods for in situ collection	H Pothmann, V Havlicek,
	of samples from the bovine oviduct	U Besenfelder and M Drillich
P 181	Follicular dynamics during the non-	M Quaresma, S Martins, C Bastos-de-
	reproductive season in Miranda donkey	Carvalho, M Silvestre, M Nóvoa and
		R Payan-Carreira
P 182	Abortion in the mare	K Rejnö, L Treiberg-Berndtsson and
		A-M Dalin
P 183	Risk factors associated with insufficient	C Reschke, E Schelling, A Michel,
	colostrum quality and with failure of	F Wohlfender and M Meylan
	passive transfer in Swiss dairy calves	
P 184	True hermaphroditism in a Cocker	G Robiteau, S Egyptien, S Parrilla-
	Spaniel: a case report	Hernandez, J Ponthier and S Deleuze
P 185	Influence of the age of Nellore bulls on	NN Rodrigues, GF Rossi,
	measures of accessory sex glands -	DP Vrisman, MF Zorzetto,
	preliminary data	ARF Oliveira, AP Freitas, NM Bastos,
		WRR Vicente, FM Monteiro and
		MEF Oliveira
P 186	Quantitative elastography of the	AP Rodrigues Simões, MC Maronezi,
	uteroplacental structure of pregnant	RA Ramirez Uscategui, P Del Aguila
	bitches - preliminary results	da Silva, RS Gomes Mariano,
		VJ Correia dos Santos, WRR Vicente
		and MA Rossi Feliciano
P 187	Exogenous FSH dose effect on	MGK Rodriguez, GS Maciel,
	progesterone concentrations profile in	RR Uscategui, FFPC Barros,
	superovulated ewes	JT Trevizan, DP Vrisman,
		RSG Mariano, BA Rodrigues,
		WRR Vicente and MEF Oliveira
P 188	Effect of the stage of seasonal anestrous	R Rodríguez-Martínez, AS Alvarado-
	upon estrus response and time to	Espino, CA Meza-Herrera, R Rivas-
	ovulation in goats treated with	Muñoz, O Ángel-García, V Contreras-
	progesterone and human chorionic	Villarreal, SO Yong-Wong and
	gonadotropin	FG Véliz-Deras
P 189	Cooled semen artificial insemination in	A Rota, G Perulli, C Sabatini,
	donkeys: field results	D Panzani and F Camillo
P 190	Routine B-mode ultrasound evaluation	A Rota, F Zanello, C Milani, S Jussich
	of mammary tumors in dogs	and R Zanatta
P 191	Progesterone concentration in plasma	A Rudolf Vegas, VA van der Weijden,
	does not change during the	V Milojevic, A Hankele, SE Ulbrich
	preimplantation period of pregnant roe	and B Drews
	deer (Capreolus capreolus)	
P 192	Effect of maternal protein intake in the	MD Ruiz Diaz, N Mongan,
	development of the bovine epididymis	K Copping, A Alibhai, M Keane,
		I Purvis, V Perry and C Rutland
P 193	Silencing of aryl hydrocarbon receptor	M Ruszkowska, A Sadowska,
	gene in porcine granulosa cells by using	A Nynca, K Orlowska, S Swigonska,
	short interfering RNA (siRNA)	T Molcan and RE Ciereszko
P 194	Vasectomy of European beaver Castor	F Rzepinski, F Pankowski, K Bula,
	fiber L.1758 - selected morphological	M Nowicki, J Wiśniewski and
	and clinical issues	BJ Bartyzel
	1	1

		1
P 195	The estrous stimulation of based on	N Saat, S Pancarci and A Risvanli
	melatonin and progesterone during the	
D 106	non-breeding season in sheep	
P 196	Expression pattern of TLR4 gene in ewe	A Saberivand and P Zanghaneh
	reproductive tract during oestrous cycle	
P 197	2,3,7,8-Tetrachlorodibenzo- <i>p</i> -dioxin	A Sadowska, A Nynca, L Paukszto,
	(TCDD) affects the transcriptome of	M Ruszkowska, K Orlowska,
	porcine granulosa cells	S Swigonska, T Molcan, J Jastrzebski
		and RE Ciereszko
P 198	Effect of three days progestrone	B Salasel, A Esmaeeli and A Parand
	injection treatment on follicular cyct in	
	high yielding dairy cow	
P 199	Ex vivo development of porcine cloned	M Samiec, M Skrzyszowska,
	embryos is promoted by scriptaid-	E Wojtylak-Jurkiewicz and
	mediated epigenomic transformation of	E Mielczarek
	adult dermal fibroblast cells	
P 200	Fetal B-mode and Doppler	VJC Santos, RSG Mariano, PA Da
1 200	ultrasonography in gestational	Silva, AR Taira, MGK Rodriguez,
	evaluation of ewes	VT De Almeida, AM Ilkiu, DC De
	evaluation of ewes	Souza, MAR Feliciano and
		WRR Vicente
P 201	Improvement of fertility of cows using	MU Sarder, MH Islam, S Anam,
F 201		MR Islam and AK Roy
P 202	Prostaglandin $F_{2\alpha}$ analogue	
P 202	Epididymis in the agouti (<i>Dasyprocta</i>	BC Schimming, LL Martins,
	azarae) raised in captivity - light	RF Domeniconi, PFF Pinheiro and
D 202	microscope study	FS de Oliveira
P 203	Environmental temperature influences	K Schmidt, R Arruda de Oliveira,
	hair coat, heart rate and reproductive	J Aurich, N Ille and C Aurich
D A O <i>I</i>	parameters in Shetland stallions	
P 204	Sperm fatty acid content changes with	N Schrammel, C Ortega-Ferrusola,
	season in stallions with good and	F Peña, D Morcuende, J Aurich and
	moderate semen quality after	C Aurich
	cryopreservation	
P 205	Impact of heat stress on follicle size and	L Schüller and W Heuwieser
	estrus expression in dairy cows	
P 206	Significance of physiological and	S Shabunin, N Klimov and
	technological factors in development of	A Nezhdanov
	mastitis in lactating cows	
P 207	Epigenetic modulation of ram sperm	M Sharafi, M Rahimi, A Shahverdi
	during cryopreservation	and V Esmaeili
P 208	High caudal epidural anaesthesia and	K Siewruk, B Lisowska, M Trela,
	standing ketamine stun for transvaginal	K Skierbiszewska, K Lorenc,
	unilateral ovariectomy in cattle	D Domańska, M Domino, B Pawliński
		and Z Gajewski
P 209	Deviations in endometrial biopsies	M Sikora, R Kozdrowski,
	collected from mares	K Wojtysiak, M Nowak and
		H Racheniuk
P 210	Elastography of ovine fetal lung as a	PDA Silva, RAR Uscategui,
	tool for gestational development	VJC Santos, MGK Rodriguez,
	evaluation	MC Maronezi, AM Ilkiu,
		WRR Vicente and MAR Feliciano
		THE TECHNOLOGICAL THE TECHNICAL

P 211	Effect of sample size on fish	A Silva Torres, JA Rubio Parada,
F 211	Effect of sample size on fish	
	(Prochidolius reticulatus) sperm head	LC Sanchez Ruiz, G Navarro
	morphometric measurements	Lizarazo, W Parra Duran and
D 010		L Hernández-Corredor
P 212	Effects of the prolonged culture	G Singina, E Shedova, A Lopukhov,
	conditions on the apoptosis resistance	I Lebedeva and S Dunch
	and developmental competence of	
2010	bovine oocytes	
P 213	Postpartum hysteroscopic evaluation in	R Sitta Gomes Mariano, A Ryonosuke
	Santa Ines sheep – preliminary results	Taira, VJ Correia Santos, P Del Aguila
1		da Silva, M Garcia Kako Rodriguez, R
		Andres Ramirez Uscategui, ME
		Bastos Andrade Moutinho da
		Conceiçao, R Martins Crivelaro, MA
		Rossi Feliciano, PP Maia Teixeira and
		WR Russiano Vicente
P 214	The content of collagen in the equine	K Skierbiszewska, M Domino,
	cervix during estrus cycle	J Olszewski, M Masko, R. Zabielski,
		P Matyba, A Wehrend and Z Gajewski
P 215	Trichostatin A (TSA)-treated peripheral	M Skrzyszowska, M Samiec,
	blood-derived fibroblast-like cells turn	E Wojtylak-Jurkiewicz and
	out to be a suitable source of genomic	E Mielczarek
	DNA donors for efficient production of	
	nuclear-transferred pig embryos	
P 216	Effect of the bicarbonate concentration	C Soriano-Úbeda, J Romero-
	on the intracellular pH increase and	Aguirregomezcorta, C Matás and
	protein kinase A activation in porcine in	F García-Vázquez
	vitro sperm capacitation	
P 217	Modulation of boar sperm capacitation	M Spinaci, V Muccilli, D Bucci,
	and fertilizing ability in vitro by an	N Cardullo, B Gadani, C Tringali,
	ethanol extract of an oenological	C Tamanini and G Galeati
	commercial oak-derived tannin	
P 218	Molecular interactions between the	S Swigonska, K Orlowska, T Molcan,
	porcine AhR and 2,3,7,8-	A Nynca, A Sadowska,
	tetrachlorodibenzo-p-dioxin (TCDD)	M Ruszkowska and RE Ciereszko
P 219	Bovine mastitis originating <i>S. aureus</i>	S Taponen, S Åvall-Jääskeläinen,
	has more virulence genes than	R Kant, L Paulin, J Blom, A Palva and
	coagulase-negative staphylococci	J Koort
P 220	Evaluating the effectiveness of two	N Tashakkori, B Khoramian,
	mastitis vaccines in a dairy farm in	M Farhoodi Moghadam, N Farzaneh,
	Mashhad, Iran	M Heidarpour and K Mashayekhi
P 221	Use of dexamethasone as antenatal	J Teramachi Trevizan, EL dos Santos
	therapy affects placentome circulation	Silva, CH Berlatto Cancelli,
	in goats? - Preliminary data	CE Facion, FL Formiga Feitosa,
		M Camargo, DP Vrisman, L Del Rio
		Pinotti, WRR Vincente and MF de
		Oliveira
P 222	Intracervical artificial insemination of	B Tirpan, K Tekin, C Stelletta and
	Saanen goats in different breeding age	A Daşkın
	with frozen-thawed semen	,
		l .

P 223	Genetic transformation of chicken	E Tomgorova, A Vetokh, E Antonova,
	spermatogonia in vitro	N Volkova, P Volchkov and N Zinovieva
P 224	Effect of different levels of nanoparticle	A Towhidi, T Nadri, S Zeinoaldini and
1 224	of soybean lecithin on cryopreservation	M Mousavi
	of goat spermatozoa	IVI IVIOUSAVI
P 225	The effect of progesterone on the	M Trela, M Domino, J Olszewski,
	endometrial expression of PRa in the	D Domanska, M Kaczmarek,
	dairy cows	B Pawlinski, A Wehrend and
		Z Gajewski
P 226	Apoptotic-like changes in boar sperm –	M Trzcińska, M Bryła and Z Smorąg
	new ejaculate selection criteria for	
	cryopreservation	
P 227	Associations of cytological endometritis	M Valdmann, J Kurykin, GK Mällo
	and ill health with fertility and culling	and A Waldmann
	risk in multiparous Holstein cows	
P 228	Administration of different eCG doses	FG Véliz, S Zuñiga-Garcia, J Otal,
	to induce estrus activity in mix-breed	CA Meza-Herrera, E Carrillo,
	dairy goats at the end of the seasonal	V Contreras-Villarreal, R Delgado and
D 220	anestrus under subtropical conditions	MA De Santiago-Miramontes
P 229	Isolation of male poultry spermatogonia	A Vetokh, N Volkova, L Volkova,
D 220	Industion of hull some some sitetion	A Dotsey, V Bagirov and N Zinovieva
P 230	Induction of bull semen capacitation	L Vincenti, A Bertero, M Poletto,
D 221	and hyperactivation	A Ricci, S Caivano and T Nervo
P 231	Recovery of spermatogenesis in male chickens by transplantation of donor	N Volkova, A Vetokh, T Kotova,
	spermatogonia	I Novgorodova, L Volkova and N Zinovieva
P 232	Influence of the progesterone device on	D Vrisman, PPM Teixeira,
1 232	the corpus luteum function in	FM Monteiro, WRR Vicente and
	prepubertal Nellore heifers	MEF Oliveira
P 233	Effect of fractionated seminal plasma	K Wasilewska and L Fraser
1 200	on post-thaw boar semen quality	Transfer works and 2 Traser
P 234	Unilateral cryptorchidism in the dog:	O Witkowska-Piłaszewicz, I Kaszak,
	the case report	M Żmigrodzka, A Miśkiewicz and
	1	A Cywińska
P 235	High incidence of morula and blastocyst	E Wojtylak-Jurkiewicz, M Samiec and
	formation among nuclear-transferred	M Skrzyszowska
	pig embryos results from epigenetic	
	modulation of peripheral blood-derived	
	fibroblast-like cells	
P 236	Oxidative stress in sperm causes	S Wyck, C Herrera, C Requena-
	developmental and epigenetic defects	Torres, L Bittner, P Hajkova,
	during bovine early embryonic	H Bollwein and R Santoro
	development	
P 237	Effects of inclusion of mucolytic agent	S Yotov
	to treatment of clinical endometritis in	
7.655	dairy cows	
P 238	The effect of Sat-Som preparation on	S Yudin, V Yudin, S Sovetkin,
	functional activity of sex glands of male	S Shabunin, A Nezhdanov and
	and female animals	A Mitina

P 239	Associations between farrowing duration, parity and follicular development at the subsequent oestrus in sows	J Yun, S Björkman, C Oliviero and O Peltoniemi
P 240	Proliferative potential of transplanted and endogenous cells after MSC transplantation into porcine cervix	R Zabielski, M Domino, A Burdzinska, J Olszewski, P Matyba, M Filipiuk, M Gajewska, P Matyba, A Wehrend and Z Gajewski
P 241	Effectiveness of three estrus synchronization protocols in Polish native cattle breeds	K Zalewski, W Zalewski and Z Gajewski
P 242	Oviductal fluid from different oestrous cycle stages modulate capacitation in boar	H Zapata-Carmona, E París-Oller, FA García-Vázquez and C Matás
P 243	Effect of social status upon estrus activity in anovulatory goats treated with intramuscular progesterone plus equine chorionic gonadotropin	S Zúñiga, CA Meza, J Otal, E Carrillo, O Ángel, G Arellano, L Gaytán and FG Véliz