# Animal Science Day/2018

# Animal Science Days 2018 - final programme



## 24.9.2018

19.30 - 21.00 Registration open

## 25.9.2018

7.30 - 8.30	Breakfast
9.00 - 17.30	Short Course I. Environmental impact of livestock farms: Life Cycle Assessment (LCA)
9.00 - 17.30	Short course II. Assessment of population structure with genomic markers
12.30 - 13.30	Lunch - course attendants
18.00 - 19.00	Dinner
19.30 - 21.00	Registration open

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## 26.9.2018

7.30 - 8.30	Breakfast			
8.00 - 9.30	Registration			
10.00 - 10.30	Invitation			
	R. Kasarda, P. Ondrišík - D	Dean of the Faculty	Slovak University of Agriculture in Nitra, Slovakia	
10.30 - 12.30	Plenary Session	Chairman: O. Kadlečík - J	ohann Soelkner	
10.50 - 12.50	1 lenary dession	Grairman. O. Nadiceik - 0	onann Goeikhei	Slovak University of Agriculture in
	10.30 - 11.00	J. Candrák - Present stag	e and future of genomic evaluation	Nitra, Slovakia
	11.00 - 11.30		new technologies in horse selection	University of Ljubljana, Slovenia
			s of inbreeding in rabbits: is it possible that the Pannon White population is	Kaposvár University, Hungary
	11.30 - 12.00	purged?	<b>y</b>	,, 3,
	11.30 - 12.00	, 3		
12.30 - 13.30	Lunch			
	Plenary Session	Chairman: A. Trakovická -	R. Kasarda - Ino Curik	
	13.30 - 14.00	L. Vostrý - Genomic chara	acterization of Old Kladruber Horse: genetic conservation and breeding perspectiv	CULS Prague, Czech Republic
	14.00 - 14.30	Helene Hofeneder-	Igenity products – a genotyping tool for beef and dairy producers	Neogen Europe
		Barclay		
	14.30 - 15.00	Nataliya Roth	topic to be annonced	Biomin AN, Austria
15.00 - 15.30	Coffee & Tea Break			
45.00 47.00	0	Obsimus value i Osmalati	Other Mission	
15.30 - 17.00	Session I.	Chairman: Juraj Candrák	- Gador Meszaros Title	Affiliation
	15.30 - 15.45	Presenting Author	Examining the racing performance and longevity in the Hungarian Thoroughbred	Kaposvár University, Kaposvár,
	15.30 - 15.45	Virág Ács	population	Hungary
	15.45 - 16.00	Vesna Gantner	Persistency of heat stress effect in dairy Simmentals in Eastern Croatia	Josip Juraj Strossmayer University
	16.00 - 16.15	Gábor Mészáros	Elevated haplotypes frequencies reveal similarities for selection signatures in	University of Natural Resources and
	16.15 - 16.30	Vladimir Brajkovic		zz
			The effect of DNA quality on the sequencing success of cattle	University of Zagreb, Croatia
	16.30 - 16.45	Minja Zorc	The new bovine reference genome assembly provides new insight into genomic	, , ,
		, 4 20.0	organization of the bovine major histocompatibility complex	University of Ljubljana, Slovenia

15.00 - 18.00 Poster Session

17.00 - 18.00 Management committee meeting

18.00 - 19.30 Dinner

19.00 City Tour – Discovering World's famous Spa



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## 27.9.2018

Breakfast			
Session II.	Chairman: István Nagy -	- Vlatka Cubric Curik	
	Presenting Author	Title	Affiliation
8.30 - 8.45	Zuzana Krupová	Impact of udder health on economics of dairy goat	Institute of Animal Science Prague –
8.45 - 9.00	László Kacsala		Kaposvár University, Kaposvár,
		Effect of providing different drench solutions on lactating does and suckling kits	Hungary
9.00 - 9.15	Mojca Simčič	Factors affecting somatic cell count in milk of dairy goat populations in Croatia	_
	•	and Slovenia	University of Ljubljana, Slovenia
9.15 - 9.30	Negar Khayatzadeh	Insights into genome dynamics and population structure of indigenous goats in	University of Natural resources and
	,	Ethiopia	Life Sciences, Vienna, Austria
9.30 - 9.45	Michala Hofmannová	Effect of a novel polymorphism of the LF and TLR4 genes on milk yield and milk	Institute of Animal Science Prague -
		compositions in dairy goats	Uhříněves, Czech Republic
9.45 - 10.00	Vincenzo Carcanaiu	Reproductive activity in sheep with different lambing period treated with	<u> </u>
	····conzo carcangia	melatonin in April	University of Sassari, Sassari, Italy
		·	<u> </u>
Coffee & Tea Break			
Session II (contin.)	Chairman: Zuzana Krun		
Coolem III (commi)			Affiliation
10 30 - 10 45	<u> </u>		Slovak University of Agriculture in
10.00 10.40	Charej Handovsky	milk	Nitra, Slovakia
10.45 - 11.00	István Nagy	Estimation of dominance effects for reproductive, growth and carcass traits of	Kaposvár University, Kaposvár,
		Pannon White rabbits	Hungary
11.00 - 11.15	Martin Buchegger	Relationships between resistance characteristics of honey bees (A. mellifera)	University of Natural resources and
			Life Sciences, Vienna, Austria
11 15 - 11 30	Mata Čašić	0	Croatian Agricultural Agency,
11.13 - 11.30	Wato Cacic	Tillung the long-lost Gloatian Elpizzan mare families	Zagreb, Croatia
11.30 - 11.45	Nina Moravčíková	Genomic signatures of selection in cattle through variation of allele frequencies	Slovak University of Agriculture in
11.45 - 12.00	Emil Krupa	Analysis of foot and claw diseases/disorders in Czech Holstein cows	Institute of Animal Science Prague –
			Uhříněves, Czech Republic
	Session II.  8.30 - 8.45 8.45 - 9.00  9.00 - 9.15  9.15 - 9.30  9.30 - 9.45  9.45 - 10.00  Coffee & Tea Break Session II. (contin.)  10.30 - 10.45  10.45 - 11.00  11.00 - 11.15  11.15 - 11.30  11.30 - 11.45	Chairman: István Nagy	Session II. Chairman: István Nagy - Vlatka Cubric Curik Presenting Author Title  8.30 - 8.45 Zuzana Krupová Impact of udder health on economics of dairy goat  8.45 - 9.00 László Kacsala Effect of providing different drench solutions on lactating does and suckling kits 9.00 - 9.15 Mojca Simčić Factors affecting somatic cell count in milk of dairy goat populations in Croatia and Slovenia  9.15 - 9.30 Negar Khayatzadeh Insights into genome dynamics and population structure of indigenous goats in Ethiopia  9.30 - 9.45 Michala Hofmannová Effect of a novel polymorphism of the LF and TLR4 genes on milk yield and milk compositions in dairy goats  9.45 - 10.00 Vincenzo Carcangiu Reproductive activity in sheep with different lambing period treated with melatonin in April  Coffee & Tea Break  Session II. (contin.) Chairman: Zuzana Krupová - Peter Dovc Presenting Author Title  10.30 - 10.45 Ondrej Hanušovský The effect of feeding change on nutrients and minerals composition of goat's milk  11.00 - 11.15 Martin Buchegger Relationships between resistance characteristics of honey bees (A. mellifera) against V. destructor Finding 'the long-lost' Croatian Lipizzan mare families  11.30 - 11.45 Nina Moravčíková Genomic signatures of selection in cattle through variation of allele frequencies



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Chairman: Nina Moravčíková - Daniiel Karolvi



#### 27.9.2018

12.30 - 13.30 Lunch 13.30 - 15.00 Session III. Chairman: Martino Cassandro - Silvo Žgur Presenting Author Title Affiliation Does olive polyphenols negatively affect nutrient digestibility in pigs? 13.30 - 13.45 Jakob Leskovec University of Ljubljana, Slovenia Risk factors and mortality rate of calves in the first month of life in Slovenian University of Ljubljana, Slovenia 13.45 - 14.00 Mojca Voljč Holstein Friesian population Body and milk quality traits of purebred Holstein and three-generation crossbred University of Padova, Italy 14.00 - 14.15 Sudeb Saha cows from Swedish Red, Montbéliarde, and Holstein sires Genetic association between somatic cell score and milk lactose in early- to mid- University of Padova, Italy 14.15 - 14.30 Angela Costa lactation of first calving Fleckvieh cows 14.30 - 14.45 Two detrimental mutations in cattle mitogenome indicate the presence of Leber's University of Zagreb, Croatia Dinko Novosel Hereditary Optic Neuropathy 14.45 - 15.00 Erika Pellattiero Consumers' sensory analysis of beef hamburger and tartare University of Padova, Italy 15.00 - 15.30 Coffee & Tea Break Chairman: Emil Krupa - Vesna Gantner 15.30 - 17.00 Session III. (contin.) Presenting Author Affiliation Effect of genetic type and low protein diets on the environmental footprint of University of Padova, Italy 15.30 - 15.45 Marco Berton intensive medium-heavy pig production system Developing an optimized breeding goal for Austrian maternal pig breeds using a University of Natural resources and 15.45 - 16.00 Christina Pfeiffer participatory approach Life Sciences, Vienna, Austria Assessment of viability of new born piglets using an adjusted APGAR score University of Natural resources and 16.00 - 16.15 Regine Revermann 16.15 - 16.30 Polona Margeta Towards the identity of different Crna slavonska pig breed gene pools Josip Juraj Strossmayer University Genetic diversity in Banija spotted pig: pedigree and microsatellite analyses 16.30 - 16.45 Kristina Gvozdanović University of Zagreb, Croatia

17.00 - 17.30 Poster awarding session

17.30 - 18.00 Final remarks

Gala Dinner 19.00 - 23.00



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## 28.9.2018

7.30 - 8.30 Breakfast

9.30 - 11.30 Study excursion (Round Trip on Ship) / Farm Trip

12.30 - 13.30 Lunch