

Scientific Program
13-17 September Animal Science Days 2021

<u>September 13</u> 9:30 AM-10:00	Registration for the postgraduate courses at MATE Gödöllő Campus, Páter Károly Street 1, Gödöllő, Main Building
10:00-16:00	Postgraduate Course: Population Genetics and Genomics – Ino Curik
<u>September 14</u> 10:00-16:00	Postgraduate Course: Introduction to tidyverse in R” course of data visualization and filtration- Gábor Mészáros
From 17:00 Dinner at 18:30	Arriving to Hotel Queen Elizabeth Superior
<u>September 15</u> 9:00-9:30	Opening ceremony at Hotel Queen Elizabeth Superior ***
10:00-12:00	<u>Plenary Session:</u> Chairman: István Nagy (MATE)
10:00-10:05	István Nagy- Invitation
10:05-10:35	Vlatka Čubrić Čurik - University of Zagreb, Croatia
10:35-10:55	István Komlósi- LEAN SOLUTIONS IN LIVESTOCK FARMING University of Debrecen, Hungary
10:55-11:05	<u>Coffee break</u>
11:05-11:35	Company presentation: Helene Hofenender-Barclay (NEOGEN) - Low pass sequencing offerings
11:35-12:45	Section of Animal Genetics and genomics Part 1. Chairmen: Peter Dovč- Vlatka Čubrić Čurik
11:35 – 11:45	Geena Cartick Gabor Mészáros, Hermann Schwarzenbacher, Christian Fürst, Peter Stückler, Friedrich Führer, Josef Miesenberger, Johann Sölkner - PHENOTYPIC AND GENOMIC ANALYSIS OF SPERM QUALITY TRAITS OF FLEKVIEH BULLS ON AUSTRIAN ARTIFICIAL INSEMINATION STALLIONS

<p>11:45-12:00</p>	<p>University of Natural Resources and Life Sciences, Austria</p> <p>Karolína Machová, Pavla Štruncová, Jan Calta, Luboš Vostrý- BIALOWIEZA POPULATION OF EUROPEAN BISON MORE THAN A HUNDRED YEARS AFTER EXTINCTION IN THE WILD – GENEALOGICAL ANALYSIS</p> <p>Czech University of Life Sciences, Czech Republic</p>
<p>12:00-12:15</p>	<p>Ladislav Tichý, Karel Novák, Jitka Kyselová, Jan Calta, Karolína Machová, Luboš Vostrý - POLYMORPHISM OF GENES IN THE TOLL-LIKE RECEPTOR SIGNALING PATHWAY</p> <p>Czech University of Life Sciences, Czech Republic</p>
<p>12:15-12:30</p>	<p>Maulana Naji, Y Utsunomiya, B Rosen, J Sölkner, C Wang⁴, L Jiang⁴, Y Zhang, Q Zhang, X Ding, G Mészáros- FAVOURED SINGLE NUCLEOTIDE VARIANTS IDENTIFIED USING WHOLE GENOME RE-SEQUENCING OF AUSTRIAN AND CHINESE CATTLE BREEDS</p> <p>University of Natural Resources and Life Sciences, Austria</p>
<p>12:30-12:45</p>	<p>Gábor Mészáros, Bernadette Yougbare, Johann Sölkner - SELECTION SIGNATURES FOR HEAT TOLERANCE BASED ON GENOTYPES OF WORLDWIDE GOAT AND PIG POPULATIONS</p> <p>University of Natural Resources and Life Sciences, Austria</p>
<p>12:45-13:30</p>	<p>Lunch Break</p>
<p>13:30-16:00</p>	<p>Section of Animal Genetics and genomics Part 2.</p> <p>Chairmen: Gábor Mészáros – Radovan Casarda</p>
<p>13:30-13:45</p>	<p>Eva Kašná, Ludmila Zavadilová, Anita Klímová, Zuzana Krupová - GENOMIC EVALUATION OF GESTATION LENGTH IN HOLSTEIN CATTLE</p> <p>Institute of Animal Science, Přátelství, Czech Republic</p>
<p>13:45-14:00</p>	<p>Ivana Drzaic, Maja Ferenčaković, Zlatko Janječić, Mirko Dautanec, Vesna Orehovački, Ino Curik, Vlatka Cubric-Curik - GENOMIC VARIABILITY OF HRVATICA HEN</p> <p>University of Zagreb, Croatia</p>
<p>14:00-14:15</p>	<p>Nikola Raguz, N. Korabi, B. Lukic, I. Drzaic, L. Vostry, I. Curik, V. Cubric-Curik - GENETIC</p>

<p>14:15-14:30</p>	<p>DIVERSITY AND SELECTION SIGNATURES OF CROATIAN ARABIAN HORSE <i>University of Osijek, Croatia</i></p> <p>Bradic L, Turkalj K, Vladimir Brajkovic, Novosel D, Cubric-Curik V, Sölkner J, Curik I - USE OF MITOGENOME INFORMATION IN CATTLE BREEDING: DESIGN AND VALIDATION OF GGP100K SNP CHIP <i>University of Zagreb, Croatia</i></p>
<p>14:30- 15:45</p>	<p>Section of Animal Genetics and genomics Part 3. Chairmen: Virág Ács – Vladimir Brajkovic</p>
<p>14:30-14:45</p>	<p>Jan Calta, Kateřina Zadinová, Karolína Machová, Ladislav Tichý, Jaroslav Čítek, Roman Stupka, Luboš Vostrý - POSSIBLE INTERACTION BETWEEN THE MC4R ASP298ASN POLYMORPHISM AND FEEDING LEVEL IN PIGS <i>Czech University of Life Sciences, Czech Republic</i></p>
<p>14:45-15:00</p>	<p>Lubos Vostry, Vostra-Vydrova H, Cubric-Curik V, Moravčíková N, Kasarda R, Špehar M, Potočník K, Sölkner J, Curik, I. - ESTIMATION OF EFFECTIVE POPULATION SIZE FOR HOLSTEIN FRIESIAN CATTLE METAPOPULATION <i>Czech University of Life Sciences, Czech Republic</i></p>
<p>15:00-15:15</p>	<p>Ludmila Zavadilová, Eva Kašná, Anita Klímová, Zuzana Krupová - GENOMIC BREEDING VALUES FOR CLINICAL MASTITIS IN CZECH HOLSTEIN CATTLE <i>Institute of Animal Science, Přátelství, Czech Republic</i></p>
<p>15:15-15:30</p>	<p>Nina Moravčíková, Radovan Kasarda, Radoslav Židek, Denis Bubeník - GENOMIC DIVERSITY OF FARMED RED DEER IN EUROPE <i>Slovak University of Agriculture in Nitra, Slovakia</i></p>
<p>15:30-15:45</p>	<p>Lili Dóra Brassó, István Komlósi - ANALYSIS OF EGG PRODUCTION AND HATCHABILITY ON A HUNGARIAN OSTRICH FARM <i>University of Debrecen, Hungary</i></p>
<p>15:45 – 17:15</p>	<p>Section of Animal Genetics and genomics Part 4. Chairmen: Ino Curik - Lubos Vostry</p>
<p>15:45 -16:00</p>	<p>Brian Martin Babigumira, Johann Sölkner, Gábor Mészáros, Christina Pfeiffer, Craig R. G.</p>

	<p>Lewis, Emily Ouma, Maria Wurzinger, Karen Marshall - TRACING THE ORIGINS: GENOMIC ADMIXTURE IN UGANDA SMALLHOLDER PIGS <i>University of Natural Resources and Life Sciences, Austria</i></p>
16:15 - 16:30	<p><i>Christian Ramos Uria</i>, Mészáros, G, Bosse, M - TRANSPOSON EVOLUTION IN SOUTH AMERICAN CAMELIDS <i>University of Natural Resources and Life Sciences, Austria</i></p>
16:45-17:00	<p>Ádám Csóka, Örs Petneházy, Dániel Fajtai, Tamás Donkó - AUTOMATIC METHOD FOR DETERMINING THE NUMBER OF LUMBAR AND THORACIC VERTEBRAE IN RABBITS Hungarian University of Agriculture and Life Sciences Kaposvár Campus, Hungary, Medicopus Ltd.</p>
17:00-17:15	<p>Mária Mészárosová, Nina Moravčíková, Milan Margetín, Ivan Pavlík, Gábor Mészáros, Radovan Kasarda - SELECTION SIGNATURES IN ORIGINAL VALACHIAN AND IMPROVED VALACHIAN SHEEP IN SLOVAKIA <i>Slovak University of Agriculture in Nitra, Slovakia</i></p>
17:15-17:30	<p>Poster section Chairman: Tamás Donkó</p>
17:30-18:00	<p>Management Committee Meeting</p>
18:30	<p>Dinner</p>
<u>September 16 (9:00-10:30)</u>	<p><u>Section of Animal Nutrition Part 1.</u> Chairmen: Goran Kusec - Jakob Leskovec</p>
9:00-9:30	<p>Szabolcs Tóth-KEMIN (company presentation) The Lipid Evaluation Test: Uniquely designed to assess the true quality of dietary lipids</p>
9:30-9:45	<p>Askale Gebremichael, Balázs Kucska - EFFECT OF TOTAL OR PARTIAL REPLACING OF FISHMEAL WITH BLACK SOLIDER FLY (HERMETIA ILLUCENS) & MEALWORM (TENEBERIYO MOLITOR) MEAL ON GROWTH PERFORMANCE AND BODY CONDITION INDICES OF COMMON CARP (CYPRINUS CARPIO). Hungarian University of Agriculture and Life Sciences Kaposvár Campus, Hungary</p>

<p>9:45-10:00</p>	<p>László Kacsala, Zsolt Matics - NUTRITIONAL ASPECTS OF SUCKLING RABBITS IN THE EARLY LIFE STAGE Hungarian University of Agriculture and Life Sciences Kaposvár Campus, Hungary</p>
<p>10:00-10:15</p>	<p>Orsolya Csötönyi, Virág Ács, Áprily Szilvia, Nagy József, Tossenberger János, Janka Turbók, László Kacsala, Alexandra Szénási, Veronika Halas - EARLY NUTRITION OF METHIONINE PROVIDES A BETTER START FOR BROILERS Hungarian University of Agriculture and Life Sciences Kaposvár Campus, Hungary</p>
<p>10:15-10:30</p>	<p>Virág Ács, Áprily Szilvia, Nagy József, Tossenberger János, László Kacsala, Alexandra Szénási, Veronika Halas - FUTURE TECHNOLOGIES TO IMPROVE POST-HATCH PERFORMANCE IN BROILERS: EFFECTS OF IN-OVO CARBOHYDRATES Hungarian University of Agriculture and Life Sciences Kaposvár Campus, Hungary</p>
<p>10:30-10:45</p>	<p>Yarsmin Yunus Zeebone, Melinda Kovács, Brigitta Bota, Veronika Halas - EFFECT OF DIETARY FUMONISIN EXPOSURE ON APPARENT ILEAL DIGESTIBILITY OF AMINO ACIDS IN FATTENING PIGS Hungarian University of Agriculture and Life Sciences Kaposvár Campus, Hungary</p>
<p>10:45 -11:00</p>	<p>Coffee Break</p>
<p>11:00-12:30</p>	<p>Section of Animal Nutrition Part 2. Chairmen: Annamária Tischler-Csaba Szabó</p>
<p>11:00-11:15</p>	<p>Francesco Bordignon, Enrico Sturaro, Angela Trocino, Silvia Martínez-Llorens, Ana Tomás Vidal, Marco Berton - LIFE CYCLE ASSESSMENT OF FISH OIL SUBSTITUTION WITH VEGETABLE OILS IN DIETS FOR SERIOLA DUMERILI University of Padova, Italy, Spain</p>
<p>11:15-11:30</p>	<p>Isaac Hyeladi Malgwi, Luigi Gallo, Veronika Halas, Valentina Bonfatti, Giuseppe Carcò, Celio Paolo Sasso, Paolo Carnier and Stefano Schiavon - Methods of changing slaughter age at the same bodyweight: effects on feed efficiency and green ham traits of heavy-pig</p>

11:30-11:45	<p>University of Padova, Italy; Hungarian University of Agriculture and Life Sciences Kaposvár Campus, Hungary</p>
11:45-12:00	<p>Renata Kolláthová, Branislav Gálik, Marko Halo, Anton Kováčik, Ondrej Hanušovský, Michal Rolinec, Miroslav Juráček, Milan Šimko, Pavol Brek - EFFECT OF FEEDING GRAPE POMACE ON ANTIOXIDANT STATUS OF HORSES Slovak University of Agriculture in Nitra, Slovak Republic</p>
12:00-12:20	<p>Company presentation: Natasja Smeets (KEMIN)- ALGAL BETA-1.3-GLUCAN AND ITS EFFECT ON VACCINATION, EXPERIENCES IN DIFFERENT ANIMAL SPECIES</p>
12:20-13:00	<p>Lunch break</p>
13:00-15:00	<p>SECTION OF ONE HEALTH AND ANIMAL WELFARE PART 1. Chairmen: Peter Juhas – Silvia Pozzan</p>
13:00-13:30	<p>Gábor Jakab- Company Presentation (BIOMIN)</p>
13:30-13:45	<p>Anton Pascual, Francesco Bordignon, Angela Trocino, G. Xiccato, M. Birolo - BROILER PERFORMANCE AND MEAT QUALITY OF TWO ITALIAN LOCAL BREEDS IN ALTERNATIVE TO ROSS 308 STRAIN REARED UNDER DIFFERENT CLIMATIC CONDITIONS University of Padova, Italy</p>
13:45-14:00	<p>Tamás Péter Farkas, Attila Orbán, Sándor Szász, András Rapai, Erik Garamvölgyi, Zoltán Sütő - EXPERIENCES OF THE USAGE OF A NEW BEAK ABRASIVE MATERIAL IN DIFFERENT LAYING HEN GENOTYPES IN NON-CAGE HOUSING SYSTEM Hungarian University of Agriculture and Life Sciences, Hungary; Bábolna TETRA Ltd., Hungary</p>
14:00-14:15	<p>András Szabó, Szabolcs Nagy, Omeralfaroug Ali, Zsolt Gerencsér, Miklós Mézes, Krisztián Milán Balogh, Tibor Bartók, Levente Horváth, Aziz Mouhanna, Melinda Kovács - EFFECTS OF FUMONISIN B SERIES ON THE MALE RABBIT</p>

<p>14:15-14:30</p> <p>14:30-14:45</p> <p>14:45-15:00</p>	<p>REPRODUCTIVE SYSTEM: TESTICULAR AND SPERMATOLOGICAL INVESTIGATIONS Hungarian University of Agriculture and Life Sciences, Hungary; MTA-KE-SZIE Mycotoxins in the Food Chain Research Group; Fumizol Ltd.</p> <p>Éva Suba-Bokodi, Marcell Molnár - THE EFFECT OF HANDLING TO THE BOLDNESS OF RABBITS USED FOR ANIMAL ASSISTED INTERVENTIONS Hungarian University of Agriculture and Life Sciences Kaposvár Campus, Hungary</p> <p>Janka TURBÓK, Gábor Tornynos, Zoltán Zomborszky - CYTOLOGICAL EXAMINATION OF BOVINE MILK Hungarian University of Agriculture and Life Sciences Kaposvár Campus, Hungary</p> <p>Elena Boschi, Sara Faggion, Paolo Carnier, Valentina Bonfatti- RELATIONSHIPS BETWEEN BOAR TAINT COMPOUND CONCENTRATIONS AND SEXUAL BEHAVIOR OF YOUNG BOARS University of Padova, Italy</p>
<p>15:00-16:30</p>	<p>SECTION OF ONE HEALTH AND ANIMAL WELFARE PART 2. Chairmen: Veronika Halas – Martino Cassandro</p>
<p>15:30-15:45</p> <p>15:45:16:00</p> <p>16:00-16:15</p> <p>16:15-16:30</p> <p>16:30-16:45</p>	<p>Isma Benmazouz - ANTIMICROBIAL RESISTANCE IN RURAL AND URBAN HOODED CROWS IN DEBRECEN University of Debrecen, Hungary</p> <p>Jakob Leskovec, Mojca Voljč, Silvester Žgur - EFFECTS OF TWO DIFFERENT HOUSING SYSTEMS ON BEHAVIOUR OF LIMOUSINE AND CHAROLAIS HEIFERS University of Ljubljana, Slovenia</p> <p>Marko Bizjak, Angela Cividini - EFFECT OF REARING TECHNOLOGY, SEX, AND AGEING TIME ON THE SENSORY TRAITS OF LAMB MEAT University of Ljubljana, Slovenia</p> <p>Silvia Pozzan, Iginò Andrighetto, Giorgio Marchesini - HOW THE APPLICATION OF OPERANT CONDITIONING CAN DECREASE STRESS IN DAIRY HEIFERS University of Padova, Italy</p> <p>Marta Alexy - INDIVIDUAL MONITORING OF FREE RANGE PIGS Eotvos Lorand University, Hungary</p>

16:45-17:00	<i>Awards and Closing Remarks</i>
18:30	Gala Dinner

