



**BANAT UNIVERSITY OF AGRICULTURAL SCIENCES AND  
VETERINARY MEDICINE TIMIȘOARA**

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**FACULTY OF ANIMAL SCIENCE AND BIOTECHNOLOGIES  
TIMIȘOARA**

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**S Y M P O S I U M  
P R O G R A M**

**BIOENGINEERING IN ANIMAL  
PRODUCTION**

**TIMIȘOARA  
May 26-27, 2011**

| THURSDAY/ JOI, 26 MAI 2011   |  |  |  |  |   |   |  |
|--|--|--|--|--|---|---|--|
| 9:00–10:00   | Registration and Poster Setup (foyer)<br>Înregistrarea participanților și montarea posterelor (Holul FZB)  |  |  |  |   |   |  |
| 10:00 -10:30   | <b>Opening Ceremony/ Ceremonia de deschidere</b><br>Opening speech / Cuvântul de deschidere: <b>Prof. Dr. Dr. h.c. Alexandru Moisuc</b> , Rector of Banat University of Agricultural Sciences and Veterinary Medicine Timișoara<br>Welcome Address/ Cuvântul de bun venit: <b>Prof. Dr. Ing. Nicolae Păcală</b> , Dean of the Faculty of Animal Science and Biotechnologies Timișoara<br>Greetings of the participants/Salutul participanților   |  |  |  |   |   |  |
| 10:30-12:00  | <b>Plenary Session/Sesiune în plen</b><br>Keynote speaker: <b>Acad. Prof. Dr. Dr. h.c. Alexandru T. Bogdan</b> - Member of the Romanian Academy<br>The Sustainable Development of Zootechnical Sciences in the Context of Life Sciences and the Perspectives of Zootechnical Engineers in the Innovative Concept of Eco-Bio-Economic Engineering<br>Invited Lecture I: <b>Prof. Dr. Isabelle Laffont-Schwob</b> , Université de Provence, France<br>Trace Element Transfer from soil to Biocenose: A Focus on Plant Species Contamination and Potential Risk for the Food Web<br>Invited Lecture II: <b>Magda Pracsu, Office Manager</b> Alltech Biotechnology Romania<br>Alltech Young Scientist 2012, the international competition for young researchers:<br>Invited Lecture III: <b>Dipl. Eng. Silviu-Felix Burueana, Sales Manager</b> Aplind, Bucuresti<br>The Future of Romanian Farms. Production of Electric and Thermal Energy from Manure   |  |  |  |   |   |  |
| 12:00 -13:00   | <b>Lunch Break/ Pauză de masă</b>  |  |  |  |   |   |  |
| 13:00 -14:00   | <b>Poster Session / Sesiunea de postere</b>  |  |  |  |   |   |  |
| 14:00 -16:30   | <b>Parallel Sessions / Sesiuni paralele</b>  |  |  |  |   |   |  |
|  | <table border="1"> <tr> <td><b>Scientific Session 1 / Sesiunea științifică 1</b><br/>Main topic: Animal Feeding and Nutrition, Grassland and Fodder Crops<br/>Secțiunea: Nutriția și alimentația animalelor, Pajiști și culturi furajere</td> <td><b>Scientific Session 2 / Sesiunea științifică 2</b><br/>Main topic: Technologies applied in animal husbandry, Processing of Animal Production, Management and Marketing<br/>Secțiunea: Tehnologiile de creștere a animalelor, Valorificarea producțiilor animale, Management și Marketing</td> </tr> <tr> <td><b>Scientific Session 3 / Sesiunea științifică 3</b><br/>Main topic: Biotechnologies, Animal Reproduction and Genetics<br/>Secțiunea: Biotehnologii, Reproducție, Ameliorare, Genetică</td> <td><b>Scientific Session 4 / Sesiunea științifică 4</b><br/>Main topic: Fundamental Sciences in Animal Husbandry<br/>Secțiunea: Științe fundamentale în creșterea animalelor</td> </tr> <tr> <td><b>Scientific Session 5 / Sesiunea științifică 5</b><br/>Main topic: Aquaculture<br/>Secțiunea: Acvacultura</td> <td></td> </tr> </table> | <b>Scientific Session 1 / Sesiunea științifică 1</b><br>Main topic: Animal Feeding and Nutrition, Grassland and Fodder Crops<br>Secțiunea: Nutriția și alimentația animalelor, Pajiști și culturi furajere | <b>Scientific Session 2 / Sesiunea științifică 2</b><br>Main topic: Technologies applied in animal husbandry, Processing of Animal Production, Management and Marketing<br>Secțiunea: Tehnologiile de creștere a animalelor, Valorificarea producțiilor animale, Management și Marketing | <b>Scientific Session 3 / Sesiunea științifică 3</b><br>Main topic: Biotechnologies, Animal Reproduction and Genetics<br>Secțiunea: Biotehnologii, Reproducție, Ameliorare, Genetică | <b>Scientific Session 4 / Sesiunea științifică 4</b><br>Main topic: Fundamental Sciences in Animal Husbandry<br>Secțiunea: Științe fundamentale în creșterea animalelor | <b>Scientific Session 5 / Sesiunea științifică 5</b><br>Main topic: Aquaculture<br>Secțiunea: Acvacultura |  |
| <b>Scientific Session 1 / Sesiunea științifică 1</b><br>Main topic: Animal Feeding and Nutrition, Grassland and Fodder Crops<br>Secțiunea: Nutriția și alimentația animalelor, Pajiști și culturi furajere | <b>Scientific Session 2 / Sesiunea științifică 2</b><br>Main topic: Technologies applied in animal husbandry, Processing of Animal Production, Management and Marketing<br>Secțiunea: Tehnologiile de creștere a animalelor, Valorificarea producțiilor animale, Management și Marketing   |  |  |  |   |   |  |
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| <b>Scientific Session 5 / Sesiunea științifică 5</b><br>Main topic: Aquaculture<br>Secțiunea: Acvacultura  |  |  |  |  |   |   |  |
| 16:30 -17:00   | Discussions and Conclusions/Discuții și concluzii<br>Poster and Oral Presentation Awards/ Premiere postere și prezentări orale   |  |  |  |   |   |  |
| 18:00  | <b>Festive dinner/ Cina festivă</b>  |  |  |  |   |   |  |

| FRIDAY/ VINERI, 27 MAI 2011   |   |   |                                     |              |   |   |                    |              |  |             |                    |  |                 |  |                                       |  |  |
|---|---|---|-------------------------------------|--------------|---|---|--------------------|--------------|--|-------------|--------------------|--|-----------------|--|---------------------------------------|--|--|
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|   | Closing Remarks   |   |                                     |              |   |   |                    |              |  |             |                    |  |                 |  |                                       |  |  |
| <b>End of Symposium + Thank you !</b>   |   |   |                                     |              |   |   |                    |              |  |             |                    |  |                 |  |                                       |  |  |

**SESSION 1**  
**Thursday, May 26, 2011**  
**MAIN TOPIC - Animal Feeding and Nutrition, Grassland and Fodder Crops**  
**Hall 2 Animal Science**

**SESIUNEA 1**  
**Joi, 26 mai 2011**  
**SECȚIUNEA – Nutriția și Alimentația animalelor, Pajiști și Culturi furajere**  
**Amfiteatrul 2 Zootehnie**

**Session chair/Moderatori:**

Prof. dr. Bohuslav Cermak  
 Prof. dr. Neculai Dragomir  
 Prof. dr. Dan Drinceanu  
 Prof. dr. Iudit Peter Szucs

**Secretary/Secretari:** Lecturer dr. Ioan Peț, Eng. dr. Julean Călin

**ORAL PRESENTATIONS (14:00 – 17:00)**

|    |  |
|----|--|
| 1. | <b>Mihai Bentea, Aurel Șara, Liviu Clapa, Liviu Pantă</b><br>The Effects of Some Fodder Additives on the Product Performances and Meat Quality of Broiler Turkey Juveniles   |
| 2. | <b>Mihai Bentea, Liviu Alexandru Mărghitaș, Aurel Șara</b><br>The Effect of Some Additives on the Bioproductive Performances of SilkWorm <i>Bombyx mori</i> L.   |
| 3. | <b>Adrian Gruber, Ioan Mircea Pop, Benone Păsărin, Aida Albu</b><br>Nutritional Evaluation of Raw Materials Entering the Structure to Mixed Fodder for the Specie <i>Poecilia reticulata</i> (Guppy)   |
| 4. | <b>Judit Peter Szucs, Agnes Suli, Attila Meszaros, Zoltán Avasi</b><br>Biological Inoculants in Forage Conservation  |
| 5. | <b>Cristina Zah, Liviu Alexandru Mărghitaș, Alexandra Matei, Mariana Niculina Mădaș</b><br>The Effect of Dietary Supplements on the Development of <i>Bombyx Mori</i> L. Silkworms   |
| 6. | <b>Nicușor Sima, Rodica Sima, Florin Păcurar, Radu Constantinescu</b><br>The Study of Several Perennial Fodder Legume and Grass Complex Mixtures for the Establishment of Temporary Pastures in Transylvanian Plain  |
| 7. | <b>Nicușor Sima, Rodica Sima, Gheorghe Mihai, Marius Sabo, Dorin Pleșa, Ioan Peț, Adrian Bărbos</b><br>Research Concerning the Using of Sorghum x Sudan Grass Hybrid ( <i>Sorghum bicolor</i> (L.) Moench x <i>Sorghum sudanense</i> (Piper Stapf.) in the Fodder Plant Assortment for Fresh Matter Production in Transylvania |

**POSTER PRESENTATIONS (Foyer 13:00 – 14:00)**

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|-------|--|
| P1-01 | <b>Larisa Caisin, Vasile Harea, Vitalie Busev</b><br>The Effectiveness of the Influence of the Additive Mycofix <sup>+</sup> on the Digestibility of Nutrients by Breeding Pigs  |
| P1-02 | <b>Bohuslav Čermák, Jana Hnisová, Eva Petrášková, Miloslav Šoch, Bohuslav Vostoupal</b><br>Influence of Chosen Stimulants on Selected Quality Ingredients of Cow's Milk and Rumen Parameters                                       |
| P1-03 | <b>Olimpia Colibar, Daniel Popovici</b><br>Different Diets in Broiler Chickens Feed  |
| P1-04 | <b>Olimpia Colibar, Daniel Popovici, Teodor Moț</b><br>Vegetable Protein Sources Used as Feed  |
| P1-05 | <b>Dan Drinceanu, Călin Julean, Eliza Simiz, Lavinia Ștef, Ioan Luca, Domnica Sofian</b><br>Effects of Mineral Supplements on Bioproductive Results in Egg-Laying Hens Farmed In Organic Systems                                   |
| P1-06 | <b>Riccardo Fortina, Alberto Brugiapaglia, Sonia Tassone, Vanda Malfatto, Andrea Cavallero</b><br>Pasture-Based Swine Management: Behaviour and Performances of Growing-Finishing Pigs   |
| P1-07 | <b>Dragoș-Sorin Fota, Lavinia Ștef, Dan Drinceanu, Izabella Fota, Rodica Căpriță, Eliza Simiz</b><br>The Influence of Different Vegetable Oils on Some ω-3 Polyunsaturated Fatty Acids in Broiler Chickens Breast                  |
| P1-08 | <b>Dragoș-Sorin Fota, Lavinia Ștef, Dan Drinceanu, Izabella Fota, Rodica Căpriță, Adrian Căpriță</b><br>The Influence of Different Vegetable Oils on Some ω-3 Polyunsaturated Fatty Acids from Thigh and Abdominal Fat of Broilers |
| P1-09 | <b>Jana Hnisová, Eva Petrášková, Bohuslav Čermák, Miloslav Šoch, Jan Frelich</b><br>The Effect of Biostimulative Substance on Daily Milk Yield and Quality Components in Cow's Milk  |
| P1-10 | <b>Martin Kliment, Mária Aneglovičová</b><br>The Effect of Microbial Phytase on Blood Performance of Broiler Chickens  |
| P1-11 | <b>Martin Král, Mária Angelovičová, Ľubica Mrázová, Jana Tkáčová, Martin Kliment</b><br>Probiotic and Acetic Acid Effect on Broiler Chickens Performance   |
| P1-12 | <b>Daniela Liptaiová, Mária Angelovičová, Kamil Močár, Dávid Štofan</b><br><i>Cinnamomi Aetheroleum</i> , Energy Profile and Broiler Chickens' Production Quality  |
| P1-13 | <b>Kamil Močár, Dávid Štofan, Mária Angelovičová, Daniela Liptaiová</b><br>The Application of Probiotics, Essential Oils and their Combination in the Poultry Production   |
| P1-14 | <b>Letiția Oprean, Ramona Iancu, Roger Stan, Cristian Trașcă</b><br>Comparison between Types of Feeding on Goat Milk Composition   |
|       | <b>Eva Petraskova, Jana Hnisova, Bohuslav Cermak, Miloslav Soch, Jan Frelich</b><br>The Effect of Selected Biostimulating Substance on the Degradation in the Rumen  |
| P1-15 | <b>Tiberiu Polen</b><br>The Effect of Some Forage Additives Used in Feeding of Growing Finishing Pigs  |
| P1-16 | <b>Tiberiu Polen</b><br>The Effect of Some Forage Additives Used in Feeding of Weaned Pigs   |

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| P1-17 | <b>Ion Roșu, Nicoleta Roșu, Cristinel Șonea</b><br>Influence of Nutrition in Milk Production of Sheep and Lambs in Weight  |
| P1-18 | <b>Maria Serdaru, Ioana Nicolae, Marinela Enculescu, Adrian Bota, Elena Bolocan</b><br>Seasonal Variations of some Hematological and Biochemical Parameters of the Carpathian Romanian Buffaloes. I. The winter period   |
| P1-19 | <b>Eliza Simiz, Alexandru T. Bogdan, Dan Drinceanu, Lavinia Ștef, Călin Julean, Ioan Luca, Florin Simiz</b><br>Growth Parameters of Heavy-Breed Avian Youth Fed Organic System   |
| P1-20 | <b>Erika Bodnárné Skobrák, Károly Bodnár, Edit Mikóné Jónás, János Gundel, András Jávör</b><br>The Comparison Analysis of the Main Chemical Composition Parameters of Wild Boar Meat and Pork  |
| P1-21 | <b>Roger Stan, Ramona Iancu, Adrian Enache, Sergiu Lazăr, Alexandra Pădurariu</b><br>The Management in a Dairy Goat Farm Based on Feeding Systems  |
| P1-22 | <b>Lavinia Ștef, Dan Drinceanu, Gabi Dumitrescu, Călin Julean, Ducu Ștef, Cosmin Pandur</b><br>Changes of Intestine Dimensions Determined by Barley and Wheat-Based Non Starch Polysaccharides (NSP) in Broilers   |
| P1-23 | <b>Lavinia Ștef, Dan Drinceanu, Călin Julean, Rodica Căpriță, Ducu Ștef, Cosmin Pandur, Dragoș Fota</b><br>Assessment and Control of the Antinutritional Effect Exerted by Non-Starch Polysaccharides from Triticale-Based Combined Forage, in Broilers                            |
| P1-24 | <b>Dávid Štofán, Kamil Močár, Daniela Liptaiová, Mária Angelovičová</b><br>The Effect of Probiotics on the Microbial Properties and Growth Performance of Broiler Chickens   |
| P1-25 | <b>Jana Tkáčová, Mária Angelovičová, Ľubica Mrázová, Martin Kliment, Martin Král</b><br>Effect of Different Proportion of Lucerne Meal in Broiler Chickens   |
| P1-26 | <b>Sorin Voia, Imad Alhorani, Dan Drinceanu, Ioan Padeanu, Maria Sauer, Dinu Gavojdian, Mihai Lunca</b><br>Influence of Nutritive Supplement on the Stimulation of Ruminant Microorganism's Activity in Fattening Lambs Reared in a Semi-Intensive System                          |
| P1-27 | <b>Ján Weis, Cyril Hrnčár, Gabriel Pál, Beáta Baraňska, Jozef Bujko, Lenka Malíková</b><br>Effect of Probiotic Strain <i>Enterococcus faecium</i> M74 Supplementation on the Carcass Parameters of Different Hybrid Combination Chickens   |
| P1-28 | <b>Larisa Cremeneac, Tatiana Boclaci</b><br>The Study of the Vermicompost Influence on the Harvest and on the Quality of Forage Cultures   |
| P1-29 | <b>Corina Cristea, Neculai Dragomir, Teodor Cristea, Dorin Rechițean, Carmen Dragomir, Sebastian Toth, Samira Răvdan, Mihai Lunca</b><br>Influence of Planting Method on some Productivity Elements for Seed Production in <i>Festuca rubra</i> L. (I) Number of Generative Sprigs |
| P1-30 | <b>Corina Cristea, Neculai Dragomir, Teodor Cristea, Dorin Rechițean, Carmen Dragomir, Sebastian Toth, Mihai Lunca</b><br>Influence of Association Type with <i>Festuca rubra</i> L. on Forage Quality   |
| P1-31 | <b>Carmen Dragomir, Laura Mihăescu, Neculai Dragomir, Corina Cristea, SebastianToth, Mihai Lunca, Samira Răvdan, Iulian Frățilă</b><br>Nitrogen Amount Transferred from <i>Trifolium resupinatum</i> L. to <i>Lolium multiflorum</i> L., under Cultivation in Association          |
| P1-32 | <b>Neculai Dragomir, Maria Sauer, Corina Cristea, Carmen Dragomir, Dorin Rechițean, Ioan Sauer, Sebastian Toth, Darius Văcariu</b><br>Forage Quality Determined by Botanic Species' Contribution on Permanent Pastures   |

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| P1-33 | <b>Neculai Dragomir, Liliana Găman, Carmen Dragomir, T. Cristea, Corina Cristea, Sebastian Toth, Samira Răvdan</b><br>Study of the Relationships Between Technological and Productivity Elements that Determine Seed Yield in Birdsfoot Trefoil ( <i>Lotus corniculatus</i> L.) |
| P1-34 | <b>Smaranda Mășu, Neculai Dragomir</b><br>The Effect of Applied Organic Fertilizers on the Bioavailability of Heavy Metals in <i>Lolium Perenne</i> , Cultivated on Fly Ash Deposits  |
| P1-35 | <b>Laura Mihăescu, Neculai Dragomir, Carmen Dragomir, Corina Cristea, SebastianToth, Mihai Lunca, Samira Răvdan</b><br>Determination of the Optimal Planting Period in Persian Clover ( <i>Trifolium Resupinatum</i> L.), in Plain Conditions                                   |
| P1-36 | <b>Dorin Rechițean, Neculai Dragomir, Corina Cristea, Carmen Dragomir, Maria Sauer, Ioan Sauer, SebastianToth, Darius Văcariu</b><br>Study of the Floristic Biodiversity Available on Permanent Pastures Located at Different Altitude Levels                                   |
| P1-37 | <b>Mariana Rusu, Doina Popa</b><br>The Influence of Sheep Fertilizing and Oversowing on the Lawns of the Cindrel Mountain   |
| P1-38 | <b>Maria Sauer, Ioan Sauer, Neculai Dragomir, Carmen Dragomir, Corina Cristea, Dorin Rechițean, Teodor Cristea, Darius Văcariu</b><br>Red Clover's Contribution to the Increase of Forage Quality on Temporary Pastures, Cultivated in Hill Regions                             |

**SESSION 2**  
**Thursday, May 26, 2011**  
**MAIN TOPIC – Technologies applied in animal husbandry, Processing of animal production, Management and Marketing**  
**Hall 1 „Nicolae Gluhovschi”**

**SESIUNEA 2**  
**Joi, 26 mai 2011**

**SECȚIUNEA – Tehnologii de creștere a animalelor, Valorificarea producțiilor animaliere, Management și Marketing**  
**Amfiteatrul 1, „Nicolae Gluhovschi”**

**Session chair/Moderatori:**

Prof. dr. Stelian Acatincăi  
 Prof. dr. Miroslav Kročko  
 Prof. dr. Ioan Pădeanu

**Secretary/Secretari:** Lecturer dr. Sorin Voia, Eng. dr. Simona Baul

**ORAL PRESENTATIONS (14:00 – 17:00)**

|    |  |
|----|--|
| 1. | <b>Ludovic Toma Csiszter, Evangelia N. Sossidou, Endre Szűcs, Stelian Acatincăi, Silvia Erina, Simona Baul, Iulian Tripon, Dinu Gavojdian</b><br>Do Romanian Farmers And Consumers Have Different Views on Farm Animal Welfare Issues? |
| 2. | <b>Flavia Luminița Bochiș</b><br>General Investigations on Obstacle Courses in Romania   |
| 3. | <b>Stelian Vasile Dărăban, Bogdan Georgescu, Ioan Pădeanu, Sorin Voia, Constantin Pascal, Călin Ioan</b><br>Morpho-Productive Characterization of Some Tzurcana Breed Populations, White Variety, Bred in Some Zones of Transylvania   |
| 4. | <b>Ramona Ciolac, Ioan Csoz, Iuliana Ioana Merce, Ioana Balan, Ana Maria Dincu</b><br>Study on the Concept of Rural Tourism and Leverage of Some Specific Activities from Rural Areas through Rural Tourism                            |
| 5. | <b>Ion Pirvutoiu, Agatha Popescu</b><br>Analysis of Milk Supply and Trade Balance in the EU-27   |
| 6. | <b>Ion Pirvutoiu, Agatha Popescu</b><br>Analysis of Romania's Honey Market   |
| 7. | <b>Agatha Popescu</b><br>Research Concerning the Correlation between Demand and Offer in the Romanian Milk Market  |
| 8. | <b>Agatha Popescu</b><br>Considerations on Cattle Stock and Cow Fresh Milk Production in the EU Countries  |

**POSTER PRESENTATIONS (Foyer 13:00 – 14:00)**

|       |   |
|-------|---|
| P2-01 | <b>Stelian Acatincăi, Iulian Tripon, Ludovic Toma Csiszter, Dinu Gavojdian, Silvia Erina, George Gabriel Răducan, Traian Cismaș</b><br>Study on Resting Behavior in Three Months of Age Calves from Romanian Black and White Breed During Summer Season   |
| P2-02 | <b>Stelian Acatincăi, Iulian Tripon, Ludovic Toma Csiszter, Dinu Gavojdian, Silvia Erina, Simona Baul, George Gabriel Răducan</b><br>Study on Resting Behavior in Six Months of Age Calves from Romanian Black and White Breed during Summer Season   |
| P2-03 | <b>Simona Baul, Ludovic Toma Csiszter, Stelian Acatincăi, Traian Cismaș, Dinu Gavojdian, Iulian Tripon, Silvia Erina, George Gabriel Răducan</b><br>Researches Regarding the Influence of Calving Interval on the Number of Somatic Cells during Lactation in Romanian Black and White cows             |
| P2-04 | <b>Ludovic Toma Csiszter, Atila Bognar, Stelian Acatincăi, Silvia Erina, Iulian Tripon, Dinu Gavojdian, Simona Baul</b><br>Study Regarding the Influence of Activity Period of Cows on Milk Production Indices in the Romanian Black and White breed  |
| P2-05 | <b>Silvia Erina, Ludovic Toma Csiszter, Stelian Acatincăi, Dinu Gavojdian, Iulian Tripon, Simona Baul, George Răducan</b><br>The Influence of Daily Periods on the Drinking Behavior in Romanian Black and White Primiparous Cows   |
| P2-06 | <b>Silvia Erina, Ludovic Toma Csiszter, Stelian Acatincăi, Dinu Gavojdian, Iulian Tripon, Simona Baul, George Răducan, Atila Bognar</b><br>Study on the Consumption Speed of Forages and Consumption Indices of Forages in Romanian Black and White Cows  |
| P2-07 | <b>Radu Ionel Neamț, Ludovic-Toma Csiszter, Florin Cristian Neciu, Florin Corneliu Marinescu, Daniela Elena Ilie, Costin Ioan Liviu</b><br>Study Regarding Milk Production and Days in Milk in the Fleckvieh-Type Romanian Spotted Breed from S.C.D.C.B. Arad   |
| P2-08 | <b>Florin Cristian Neciu, Ludovic-Toma Csiszter, Radu Ionel Neamț, Daniela Elena Ilie, Florin Corneliu Marinescu</b><br>Study on Milk Production Dynamics and Major Chemical Milk Components in Brown Sire Dams of Brown Swiss-Type from the Research and Development Station for Bovine Raising - Arad |
| P2-09 | <b>Šárka Podlahová, Luboš Smutný, Miloslav Šoch</b><br>Potential Utilization of Automatic Cows Weighing for Evaluation of Health and Nutritional Condition of Herd  |
| P2-10 | <b>Marcela Raabová, Miloslav Šoch, Martin Šlachta, Jan Brouček, Václav Pálka</b><br>Impact of Selective Prevention Treatments on Blood Parameters in Calves   |
| P2-11 | <b>Miloslav Šoch, Jan Brouček, Michal Uhrinča, Jan Trávníček, Marcela Raabová, Jana Šťastná, Petr Tejml, Vladimír Tančín, Anton Hanus, Pavel Novák, Petr Zajíček</b><br>Effects of Different Factors on Dairy Calves Behaviour  |
| P2-12 | <b>Iulian Tripon, Stelian Acatincăi, Marian Bura, Ludovic Toma Csiszter, Dinu Gavojdian, Silvia Erina, Simona Baul, George Gabriel Răducan</b><br>Researches on Feeding Behavior in Six Months of Age Calves from Romanian Black and White Breed Fed Using Different Feed Space Allowance               |
| P2-13 | <b>Iulian Tripon, Stelian Acatincăi, Marian Bura, Ludovic Toma Csiszter, Dinu Gavojdian, Silvia Erina, Iosif Atila Bognar, George Gabriel Răducan</b><br>Researches on Rumination Behavior in Six Months of Age Calves from Romanian Black and White Breed Fed Using Different Feed Space Allowance     |

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| P2-14 | <b>Ioana Andronie, Adina Ciurea, Viorel Andronie, Dumitru Curcă</b><br>Effects of Transport on Live Weight and Behavior of Lambs   |
| P2-15 | <b>Dinu Gavojdian, Nicolae Pacala, Maria Sauer, Ioan Padeanu, Iulian Tripon, Ioan Walter Sauer</b><br>Growth Performance Evaluation in F Hampshire Down x Turcana Lambs Reared in Low Input Systems  |
| P2-16 | <b>Dinu Gavojdian, Maria Sauer, Nicolae Pacala, Ioan Padeanu, Sorin Voia</b><br>Improving Growth Rates in Turcana Indigenous Sheep Breed Using German Blackheaded Mutton Rams  |
| P2-17 | <b>Ramona Iancu, Mihaela Țița, Carmen Cirican, Luana Pietraru</b><br>The Optimization of Milk Protein Using Different Breeding Systems   |
| P2-18 | <b>Ioan Pădeanu, Sorin Voia, Dinu Gavojdian, Iulian Frățilă, Călin Mircu, Ioan Bratu, Constantin Pascal, Ioan Sauer</b><br>Effect of Using Melatonin Implants on Reproductive Performances in Turcana Ewes   |
| P2-19 | <b>Maria Sauer, Walter Ioan Sauer, Raducu Radu, Dinu Gavojdian, Ioan Padeanu, Sorin Voia, Doru Ratiu</b><br>Study on the Effects of Crossbreeding the Turcana Ewes with Lacaune Rams and Performance of F Lacaune x Turcana throughout First Lactation |
| P2-20 | <b>Walter Ioan Sauer, Maria Sauer, Gabriel Vicovan, Dinu Gavojdian, Ioan Padeanu, Zoia Zamfir</b><br>Comparison of Slaughter Yield and Carcass Quality Indices in R German Blackheaded Mutton x Turcana and Purebred Turcana                           |
| P2-21 | <b>Eugenie Grigoroiu, Genoveva Buzamăt, Grigore Grigoroiu, Eugeniu Grigoroiu</b><br>Study Regarding the Correlation between Body Mass and spur Length in Hunting Pheasant (males), in October  |
| P2-22 | <b>Eugenie Grigoroiu, Genoveva Buzamăt, Grigore Grigoroiu, Eugeniu Grigoroiu</b><br>Study Regarding the Correlation between Body Mass and spur Length in Hunting Pheasant (males), in November   |
| P2-23 | <b>Dana Jirotková, Miloslav Šoch, Nad'a Kernerová, Václav Pálka, Jana Šťastná</b><br>Electrolyzed Water and its Influence on Quality of Poultry Meat   |
| P2-24 | <b>Ján Orság, Miloslav Šoch, Jan Brouček, Jan Trávníček, Vladimír Tančín, Petr Tejml, Marcela Raabová, Jana Šťastná, Pavel Flak, Pavel Novák, Petr Zajíček</b><br>Improving Welfare of Layers by Ash Bath Possibility                                  |
| P2-25 | <b>Elena Scripnic, Suzana Modvala</b><br>Hatchability Performances of Hens Eggs Under the Influence of Magnetic Field  |
| P2-26 | <b>Alin Jivan, Silvia Pătruică, Antonina Jivan</b><br>The Degree of Intoxication at Bees with Some Substances from the Pesticides Group  |
| P2-27 | <b>Silvia Pătruică, Ionuț Bănățean- Dunea, Alin Jivan, Antonina Jivan, Alin Stroe</b><br>Research on the Influence of Apiary Biostimulators on Bee Families Development in Spring  |
| P2-28 | <b>Silvia Pătruică, Alexandru T. Bogdan, Marian Bura, Ionuț Bănățean- Dunea, Marius Gâltofeț</b><br>Research on the Effect of Acidifying Substances on Bee Families Development and Health in Spring   |
| P2-29 | <b>Flavia Luminița Bochiș</b><br>Studies in the Relationship between some Morphological Characters and Jumping Parameters in Sport Horses (Part II - Oxer Fence)   |
| P2-30 | <b>Ioan Tapalaga, Dorel Dronca</b><br>Study of Morphological Indices of English Thoroughbred (E.T.H.) Adult Equine Material Bred to Izvin Stud, Timis County   |

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| P2-31 | <b>Viorel Andronie, Violeta Simion, Ioana Andronie</b><br>The Growth Environment and Behavioural Response of Fattening Pigs   |
| P2-32 | <b>Monica Pârvu, Alexandru T. Bogdan, Radu Burlacu, Ioana Cristina Andronie, Carmen Berghes</b><br>Mathematical Estimate of Growth Process In Mangalitsa Piglets  |
| P2-33 | <b>Ilie Rotaru, Serghei Secrieru</b><br>Reproductive Capacity and Hematological Indices of Blood Concerning the Genotype Pigs   |
| P2-34 | <b>Mária Angelovičová, Daniela Liptaiová, Kamil Močár, Dávid Štofán</b><br>Sheep'S Milk, Production and Welfare in Rearing of Sheep   |
| P2-35 | <b>Tatiana Dabija, Angela Macari</b><br>Evaluation of Qualitative Indices of Meat Production in Rabbits   |
| P2-36 | <b>Gratia Ioana Dezmirean, Liviu Al. Mărghitaș, Daniel S. Dezmirean</b><br>Honey Like Component of Functional Food  |
| P2-37 | <b>Marioara Nicoleta Filimon, Aurica Breica Borozan, Despina Maria Bordean, Roxana Popescu, Smaranda Rodica Gotia, Doina Verdes, Florica Morariu, Sebastian Treitli</b><br>Quality Assessment of Raw and Pasteurized Milk Using Microbiological Parameters  |
| P2-38 | <b>Ramona Iancu, Elena David, Ștefan Oancea, Roxana Tufeanu</b><br>The Influence of Extensive System on Goat Milk   |
| P2-39 | <b>Miroslav Kročko, Michal Gábor, Monika Lavová, Martina Miluchová, Margita Čanigová, Jana Bezeková, Viera Ducková, Anna Trakovická</b><br>Optimization of PCR-RFLP Method to Confirm the Identification of <i>Enterococcus faecalis</i> and <i>Enterococcus Faecium</i> Isolated from Food Samples |
| P2-40 | <b>Miroslav Kročko, Margita Čanigová, Viera Ducková, Anna Krebs-Artimová, Jana Račková</b><br>Presence of Antibiotic Resistant Enterococci in Rinses of Milking Equipment after Sanitation Process  |
| P2-41 | <b>Adela Marcu, Ioan Vacaru-Opriș, Adrian Marcu, Maria Nicula, Gabi Dumitrescu, Dorel Dronca, Călin Julean, Bartolomeu Kelciov</b><br>The Influence of Feed Protein-Energy Level on the Growth and Slaughter Performance for „Arbor Acres” Hybrid   |
| P2-42 | <b>Adela Marcu, Ioan Vacaru-Opriș, Adrian Marcu, Maria Nicula, Gabi Dumitrescu, Ileana Nichita, Dorel Dronca, Bartolomeu Kelciov</b><br>The Influence of the Feed Protein and Energy Level on the Meat Chemical Composition at „Lohmann Meat” Hybrid  |
| P2-43 | <b>Elena Raluca Pavel, Constantin Gavan</b><br>Seasonal Changes in Bulk Tank Milk Composition of Dairy Cows   |
| P2-44 | <b>Roger Stan, Ramona Iancu, Alina Toader, Luiza Monafu, Mădălina Bobeică</b><br>The Production of Goat Milk under Organic Requests   |
| P2-45 | <b>Cornelia Vintila, Adela Marcu</b><br>Milk Urea Disappears During Milk Processing into Cheese   |
| P2-46 | <b>Cornelia Vintila, Adela Marcu, Teodor Vintila</b><br>Milk Urea Dynamics during its Transformation into Yogurt  |
| P2-47 | <b>Marek Angelovič</b><br>The Effect of the Common Agricultural Policy Reform by 2013 on Direct Payments in Relation to Animal Welfare in the European Union: Review  |
| P2-48 | <b>Ramona Ciolac, Ioan Csoz, Ioana Balan, Ana Maria Dincu</b><br>Research Regarding the Impact of Rural Tourism Forms on the Rural Area   |
| P2-49 | <b>Cornelia Petroman, Ioan Petroman, Gabriela Ivașcu, Diana Marin, Ștefan Coman, Moșina Șucan</b><br>Dynamics of the Ecological Agroalimentary Produce Market   |

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| P2-50 | <b>Cornelia Petroman, Ioan Petroman, Gabriela Ivaşcu, Diana Marin, Mircea Pârvu, Calin Popovici</b><br>Features of the Agroalimentary Market of the Timis County (Romania)  |
| P2-51 | <b>Ioan Petroman, Cornelia Petroman, Ioan Rus, Andreea Stan, Elena Constantin, Dorel Căprar</b><br>Inbound Tourism in some European Countries   |
| P2-52 | <b>Ioan Petroman, Cornelia Petroman, Constantin Buzatu, Diana Marin, Adrian Dumitrescu, Constantin Static, Ioan Rus</b><br>A Religious and Ethnic Tourism Profile of Europe   |
| P2-53 | <b>Mirela Samfira, Ioan Petroman</b><br>Therapeutic Value of the Human Being-Animal Relationship  |
| P2-54 | <b>Mirela Samfira, Ioan Petroman.</b><br>New Opportunities of Valorising Animal Produce: Turning Animal Farms into Educational Agrotouristic Farms  |
| P2-55 | <b>Marina Luminita Sarbovan</b><br>Poll Tax in Agriculture  |
| P2-56 | <b>Marina Luminita Sarbovan</b><br>The Home Market Effect in Agriculture  |
| P2-57 | <b>Iulian Vlad, Cristina (Negre) Pîrvuleţ, Marius Maftעי, Gheorghe Săvoiu, Mirela Stanciu, Maria Gheorghe</b><br>Some Trends and Risks of Pastoral Occupation and Agricultural Consequences for the Romanian Mountain Village – The Results and Conclusions from a Sociological Research in Rucăr Village (Argeş) |

**SESSION 3**  
Thursday, May 26, 2011  
**MAIN TOPIC – Biotechnologies, Animal Reproduction and Genetics**  
Room S1

**SESIUNEA 3**  
Joi, 26 mai 2011  
**SECȚIUNEA – Biotehnologii, Reproducție, Ameliorare, Genetică**  
Sala S1

**Session chair/Moderatori:**

Prof. dr. Nicolae Păcală  
Assoc. Prof. dr. Ioan Bencsik  
Prof. dr. Miloslav Soch

**Secretary/Secretari:** Lecturer dr. Teodor Vintilă, Eng. dr. Ada Cean

**ORAL PRESENTATIONS (14:00 – 17:00)**

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| 1. | <b>Emilia Maria Furdui, Liviu Al. Mărghitaş, Daniel Dezmirean, Iulia Franceasca Pop, Cristian Coroian, Ioan Paşca</b><br>Genetic Phylogeny and Diversity of some Romanian Silkworms Based on RAPD Technique  |
| 2. | <b>Andrea Hettig, Vasile Miclea, Marius Zăhan, Iulian Roman, Ileana Miclea, Miklós Botha</b><br>Vitrification of Immature Swine oocytes by the SSV Technique using Different Concentration of Cryoprotector and Exposure Time  |
| 3. | <b>Gheorghe Hrinică, Gabriel Vicovan, Ioan Pădeanu, Sorin Voia</b><br>Productivity Analysis of the Botosani Karakul Sheep depending on the Genetic Types of Serum Transferrin  |
| 4. | <b>Vasile Miclea, Marius Zăhan, Ştefan Nagy, Ileana Miclea, Alexandru Rusu, Florin Varo-Ghiuru</b><br>Freezing of Spermatozoa from Tigaie Rams Belonging to The Hill Ecotype   |
| 5. | <b>Alexandru-Vasile Rusu, Vasile Miclea, Marius Zahan</b><br>Egg Yolk Protective Effect in Boar Spermatozoa Cooled at 5°C  |
| 6. | <b>Marius Zăhan, Andrea Hettig, Ileana Miclea, Iulian Roman, Vasile Miclea, Ioan Vintilă</b><br>Mangalitsa Germoplasm Preservation using Immature Oocyte Vitrification in SOPS   |
| 7. | <b>George Florea Tobă, Alexandru T. Bogdan, Alin Ioan Barţoiu, Leonard George Tobă, Florin Bănaţeanu, Judith Ipate, Adriana Orăşanu, Marcel Th. Paraschivescu</b><br>Title Medicinal Product Use Reglandin D-(+) - Cloprostenol, Synthetic Analogue of Prostaglandins F2 $\alpha$ Natural Body in Fighting with Anestrus Lute (Cl) in Cattle |
| 8. | <b>Teodor Vintila, Simina Neo</b><br>Biogas in Romanian Agriculture, Present and Perspectives  |

**POSTER PRESENTATIONS (Foyer 13:00 – 14:00)**

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| P3-01 | <b>Vasile Băcilă, Daniela Elena Ilie, Annamaria Băcilă, Marius Vladu, Nicoleta Işfan</b><br>Strategies for Diagnosis of Diseases in Pigs Using Molecular Markers   |
| P3-02 | <b>Valeriu Carabă, Alexandra Ivan, Nicolae Păcală</b><br>Observations Regarding Oocyte in Vitro Maturation after Recovery from Slaughter House Females   |
| P3-03 | <b>Ada Cean, Păcală Nicolae, Alexandra Ivan, Bencsik Ioan, Dronca Dorel, Gabi Dumitrescu, Oana Ciobotaru</b><br>The Using of Morphometric Parameters in Establishing the Viability of Mouse Embryos  |
| P3-04 | <b>Ada Cean, Alexandru T. Bogdan, Nicolae Păcală, Alexandra Ivan, Daniela E. Ilie</b><br>Mammalian Oocyte Cryopreservation   |
| P3-05 | <b>Monica Dragomirescu, Teodor Vintila, Gabriela Preda</b><br>Immobilized Microbial Cellulases in Organic-Inorganic Hybrid Materials   |
| P3-06 | <b>Enikő Gaspar, Letiția Oprean, Ecaterina Lengyel, Ramona Iancu, Horia Olosutean</b><br>Biotechnological Characterization of the <i>Saccharomyces Bayanus</i> Yeast Strains in Order to Preserve the Local Specificity  |
| P3-07 | <b>Enikő Gaspar, Letiția Oprean, Ovidiu Tița, Ecaterina Lengyel, Horia Olosutean</b><br>Monitoring the Diversity of the Yeasts Population which Are Present in the Musts Obtained from the Grapes Harvested in Iordana-Apold, Riesling Italian –Blaj, Royal Feteasca Jidvei and Hárslevelű – Tokaj |
| P3-08 | <b>Vera Granaci</b><br>The Influence of Microalgal Preparation Administration on the Cryoresistance of the Bull Semen Material   |
| P3-09 | <b>Lukáš Hleba, Miroslava Kačániová, Jadža Lejková, Jaroslav Pochop</b><br>Comparison of Antibiotic Resistance Profile between <i>Salmonella</i> Spp., <i>Salmonella Enterica</i> Ser. Typhimurium and Enteritidis and <i>Escherichia Coli</i> Isolated from Rectal Swabs of Chicken               |
| P3-10 | <b>Lukáš Hleba, Miroslava Kačániová, Jadža Lejková, Jaroslav Pochop</b><br>Antibiotic Resistance of <i>Enterobacteriaceae</i> Species Associated with Faecal Bacterial Cenosis of Ducks  |
| P3-11 | <b>Daniela Elena Ilie, Oana Isabella Gavriliuc, Ada Cean, Radu Ionel Neamț, Florin Cristian Neciu, Nicolae Păcală</b><br>Control Strategies for Prevention of Undesirable Traits in Cattle   |
| P3-12 | <b>Alexandra Ivan, Nicolae Păcală, Ada Cean, Valeriu Carabă</b><br>Practical Methods to Assess Mammalian Embryo Quality – Staining Tests Comparative Study   |
| P3-13 | <b>Vladimíra Kňazovická, Martina Miluchová, Michal Gábor, Miroslava Kačániová, Martin Melich, Miroslav Kročko, Anna Trakovická</b><br>Using Real-time PCR for Identification of <i>Paenibacillus larvae</i>  |
| P3-14 | <b>Niculita Mang</b><br>Genetic Structure of Quantitative Characters in Pinzgau of Transilvania Breed from Hateg Region  |
| P3-15 | <b>Niculita Mang, Ioan Vintilă, Alexandru Bogdan, George Tobă, Florin Banateanu, Iudith Ipate, Marcel Paraschivescu</b><br>The Establishment, Consolidation and Operation of Genetic and Genome Banc of “Transilvanian Pinzgau” Breed in the Hateg Land  |
| P3-16 | <b>Oprean Letiția, Iancu Ramona, Gașpar Eniko, Lengyel Ecaterina</b><br>Pathogenic Microorganisms from Raw Milk of Different Animals   |

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| P3-17 | <b>Nicolae Păcală, Ioan Bencsik, Dorel Dronca, Gabi Dumitrescu, Ada Cean, Alexandra Ivan, Oana Ciobotaru</b><br>Establishing some Correlations between Certain Morphometric Parameters and Embryo Quality   |
| P3-18 | <b>Cristina Sturzoiu, Maria Petrescu, Bianca Galateanu, Mihai Anton, Cristina Nica, Gheorghe (Iuri) Simionca, Anca Dinischiotu, Gheorghe Stoian</b><br>Zymomonas Mobilis Levan is Involved in Metalloproteinases Activation in Healing of Wounded and Burned Tissues  |
| P3-19 | <b>Emanuel Vamanu, Adrian Vamanu, Diana Pelinescu, Sultana Nita, Nicoleta Rusu</b><br>The Viability of the <i>Lactobacillus rhamnosus</i> IL4.2 Strain in Simulated Gastrointestinal Conditions   |
| P3-20 | <b>Ioan Bencsik, Nicolae Pacala, Rodica Caprita, Dorel Dronca, Gabi Dumitrescu, Valeriu Caraba, Liliana Petculescu-Ciochina</b><br>Diploid Gynogenesis Induced by Heat Shocks after Activation with UV-Irradiated Sperm in Rainbow Trout ( <i>Oncorhynchus Mykiss</i> )   |
| P3-21 | <b>Ioan Bencsik, Nicolae Pacala, Gabi Dumitrescu, Dorel Dronca, Liliana Petculescu-Ciochina, Liliana Boca</b><br>The Rate of Tetraploidy Determination in Rainbow Trout ( <i>Oncorhynchus Mykiss</i> ) in Embryonated Eggs  |
| P3-22 | <b>Ákos Benk</b><br>The Genetic Reservation of Hungarian Speckled Hen and the Speckled Transylvanian Naked Neck Hen in Hódmezővásárhely   |
| P3-23 | <b>Jozef Bujko, Anna Trakovická, Jozef Pjontek, Július Žitný, Cyril Hrnčár</b><br>Genetic Trends of Milk Production in Select Herds of the Slovak Spotted Breed   |
| P3-24 | <b>Jozef Bujko, Juraj Candrač, Peter Strapák, Július Žitný, Cyril Hrnčár</b><br>Factors Effecting of Milk Productions in Select Herds of Slovak Spotted Breed   |
| P3-25 | <b>Stefan Diaconescu, Catalin Lapuste, Madalin Hincu, Gabriel Pascoveanu</b><br>Influence of Terminal Boar Genetic Type on Conception Rate  |
| P3-26 | <b>Dorel Dronca, Nicolae Păcală, Ioan Bencsik, Razvan Popa, Mihaela Ivancea, Gabi Dumitrescu, Marcel Matiuti, Adela Marcu, Ada Cean, Liliana Boca</b><br>Estimation of correlation between the number of individuals and biogenic capacity of the hunting terrain 56, forest district Lunca Timișului, for 3 hunting species in 2006-200 period |
| P3-27 | <b>Dorel Dronca, Nicolae Păcală, Ioan Bencsik, Marian Bura, Razvan Popa, Marcel Matiuti, Ada Cean, Daniela Goina, Liliana Boca</b><br>Appreciation of Special Combinative Capacity at Three <i>Oycotlagus Cuniculus</i> Populations from Timis County, for Total Gain and Average Daily Gain the Finishing Period (30-80 Days)                  |
| P3-28 | <b>Andreea Dudu, Sergiu-Emil Georgescu, Marieta Costache</b><br>PCR-RFLP Method to Identify Salmonid Species of Economic Importance   |
| P3-29 | <b>Valentin Focsa, Alexandra Constandoglo</b><br>Genetic Features of Structural Units of the Moldavian Type of Black-Motley Cattle  |
| P3-30 | <b>Míchal Gábor, Anna Trakovická, Martina Miluchová</b><br>Genotyping Single Nucleotide Polymorphism C4685T in 14. Intron of Bovine CAPN Gene by Rapid Tetra-Primer ARMS-PCR Method   |
| P3-31 | <b>Míchal Gábor, Martina Miluchová, Anna Trakovická, Peter Beke</b><br>Analysis of R199H Polymorphism of Canine Melanophilin Gene (MLPH) in Population of Czech Pointer in Slovakia   |
| P3-32 | <b>Dorel V. Gabor, Mircea Roman, Alexandru T. Bogdan, Ioan Vintila, Dana Tapaloaga, Paul R. Tapaloaga</b><br>Analysis of the Distribution of The Frozen Semen Made by Semtest BVN Targu Mures in 2010   |

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| P3-33 | <b>Sergiu-Emil Georgescu, Gheorghe Hrinca, Mariana Rebedea, Marieta Costache</b><br>Investigation of FecB Mutation in Four Romanian Sheep Breeds   |
| P3-34 | <b>Pal Hajas</b><br>Conservation of Animal Genetic Resources in the Danubian Valley  |
| P3-35 | <b>Iudith Ipate, Florin Banateanu, Cristinel Sonea, Alexandru T. Bogdan, Cornelia Purcarea, Adriana Petrus, Monica Parvu, Simona Ivana, George Florea Toba</b><br>Biotechnology Reproduction and Biodiversity Indicators in Buffalo Breeding                     |
| P3-36 | <b>Nicoleta Isfan, Vasile Bacila, Dana Popa, Sergiu Georgescu, Razvan Popa, Monica Marin, Carmen Nicolae, Marius Maftai</b><br>Genetic Investigations Using Immuno-biochemical Markers in a Maramureş Brown Cattle Population                                    |
| P3-37 | <b>Nicoleta Isfan, Dana Popa, Dan Colceri, Sergiu Georgescu, Razvan Popa, Cristina Pirvulet, Carmen Nicolae, Marius Maftai</b><br>Study on Correlation between Hb and Tf Locus Genotypes and Some Milk Yield Traits within a Gray Steppe Cattle Population       |
| P3-38 | <b>Mihaela Ivancia, Constantin Pascal, Dorel Dronca, Razvan Alexandru Popa</b><br>The Phenotypical Correlations between Somatic Cell Count and Principals Characters of Cow Milk Production for Falticeni Area   |
| P3-39 | <b>Radovan Kasarda, Ondrej Kadlečík</b><br>Influence of Maximum Inbreeding Avoidance under BLUP EBV Selection on Pinzgau Population Diversity  |
| P3-40 | <b>Anton Kováčik, Jozef Bulla, Anna Trakovická, Zuzana Lieskovská, Július Žitný</b><br>Effects of the Porcine LEPR Polymorphism ( <i>HpaII</i> ) on Carcass Traits in Large White × Landrace Crossbred Pigs  |
| P4-41 | <b>Anton Kováčik, Jozef Bulla, Anna Trakovická, Július Žitný, Zuzana Lieskovská</b><br>Association of H-FABP ( <i>HinfI</i> ) Gene with Carcass and Meat Quality Characteristics in Pigs   |
| P3-42 | <b>Catalin Lapuste, Stefan Diaconescu, Madalin Hincu, Gabriel Pascoveanu</b><br>Influence of Terminal Boar Genetic Type on the Quantity and Quality of Semen   |
| P4-43 | <b>Catalin Lapuste, Stefan Diaconescu, Madalin Hincu, Gabriel Pascoveanu</b><br>Influence of Season on the Quantity and Quality of Boar Semen  |
| P3-44 | <b>Zuzana Lieskovská, Anna Trakovická, Anton Kováčik, Tomáš Minarovič, Alica Rafayová</b><br>Association Analysis of the Leptin and Ghrelin Receptor Gene Polymorphism in the Human With BMI   |
| P3-45 | <b>Marius Maftai, Răzvan Popa, Dana Popa, Gheorghe Mărginean, Livia Vidu, Iulian Vlad, Mariana Gîrlea, Traian Lăpuște</b><br>Partial Results Regarding the Genetic Analysis of Nonius Horse from Izvin Studfarm: Reproductive Isolation and Age Structure        |
| P3-46 | <b>Marius Maftai, Răzvan Popa, Dana Popa, Gheorghe Mărginean, Livia Vidu, Iulian Vlad, Mariana Gîrlea, Traian Lăpuște</b><br>Partial Results Regarding the Genetic Analysis of Thoroughbred Horse from Cislău Studfarm: Reproductive Isolation and Age Structure |
| P3-47 | <b>Marcel Matiuti, Carmen-Luminita Matiuti, Dorel Dronca, Eleonora Nistor, Teodor Mot</b><br>Research on Donkey Populations ( <i>Equus Asinus</i> ) in Banat   |
| P3-48 | <b>Marcel Matiuti, Carmen-Luminita Matiuti, Eleonora Nistor, Dorel Dronca</b><br>The Black of Strei – a Swine Population on the Verge of Extinction in Banat   |
| P3-49 | <b>Vasile Miclea, Marius Zăhan, Ileana Miclea, Elena Ilișiu, Alexandru Rusu, Florin Varo-Ghiuru</b><br>Effect of Freezing on Spermatozoa from Tigaie Rams Belonging to the Mountain Ecotype  |

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|-------|---|
| P3-50 | <b>Martina Miluchová, Michal Gábor, Anna Trakovická, Peter Beke</b><br>Analysis of Suppressor of Cytokine Signaling 2 Gene (SOCS2) Polymorphism in Different Dog Breeds   |
| P3-51 | <b>Martina Miluchová, Anna Trakovická, Michal Gábor</b><br>Polymorphism and Genetic Structure of LGB Gene ( <i>RsaI</i> ) in Valachian Sheep Population   |
| P3-52 | <b>Nina Moravčíková, Anna Trakovická</b><br>Identification of the Bovine Growth Hormone Gene and <i>Alui</i> Loci Polymorphism by PCR – RFLP Method   |
| P3-53 | <b>Gherasim Nacu, Constantin Pascal, Gabriel Hoha, Mihaela Ivancia</b><br>The Dynamic of Main Indices of Spermogram at Boars, in Function on Some Factors of Influence  |
| P3-54 | <b>Eleonora Nistor, Vasileios Bampidis, Marcel Matiuti, Marius Pentea, Lenuta Pet, Valeria Ciolac</b><br>Estimates of Phenotypic Parameters for Milk Production Traits in Romanian Black Spotted Breed Dairy Cows                 |
| P3-55 | <b>Eleonora Nistor, Vasileios Bampidis, Marcel Matiuti, Marius Pentea, Lenuta Pet, Valeria Ciolac</b><br>Variability of Production Traits in First Lactation Romanian Spotted Breed Heifers                                       |
| P3-56 | <b>Pal Hajas</b><br>Conservation of Animal Genetic Resources in the Danubian Valley   |
| P3-57 | <b>Răzvan Popa, Dana Popa, Marius Maftai, Livia Vidu, Dorel Dronca, Mihaela Ivancia, Carmen Nicolae, Andi Fița</b><br>Optimization of Population Structure in a Selection Plan for Palas Prolificacy Line                         |
| P3-58 | <b>Răzvan Popa, Dana Popa, Marius Maftai, Livia Vidu, Dorel Dronca, Mihaela Ivancia, Carmen Nicolae, Andi Fița</b><br>Optimization of Sex Ratio in a Selection Plan for Palas Prolificacy Line                                    |
| P3-59 | <b>Zuzana Riecka, Juraj Candrač</b><br>Analysis of Relationship between Production and Reproduction Traits of Holstein Cattle Population in the Slovak Republic   |
| P3-60 | <b>Anna Trakovická, Silvia Mindeková, Daniela Jakabová</b><br>Genetic Structure and Variability of <i>H-FABP (HaeIII)</i> Gene in Commercial Pig Breeds and Wild Boar in Slovakia   |
| P3-61 | <b>Anna Trakovická, Michal Gábor</b><br>Genetic Structure of Alpha S1 Casein in Slovak Pinzgau Cattle   |
| P3-62 | <b>Maria Voiculescu, Marcel Paraschivescu, Elena Ghiță, Răsvan Popa, Stelian Sertu, Augustin Pop</b><br>Influence of Growth and Maintenance Regime of Romanian Black and White Heifers on the Milk Yield at their First Lactation |
| P3-63 | <b>Ján Weis, Cyril Hrnčár, Gabriel Pál, Beáta Baraňska, Jozef Bujko, Lenka Malíková</b><br>Effect of the Egg Size on Egg Loses and Hatchability of the Muscovy Duck   |

## SESSION 4

Thursday, May 26, 2011

MAIN TOPIC – Fundamental Sciences in Animal Husbandry

Room S2

## SESIUNEA 4

Joi, 26 mai 2011

SECȚIUNEA – Științe fundamentale în creșterea animalelor

Sala S2

### Session chair/Moderatori:

Prof. dr. Isabelle Laffont-Schwob

Prof. dr. Rodica Caprita

Prof. dr. Benoni Lixandru

Assoc. Prof. dr. Gabi Dumitrescu

Secretary/Secretari: Asist. Dr. Florica Morariu, Eng. Dumitru Popescu

### ORAL PRESENTATIONS (14:00 – 17:00)

|    |  |
|----|--|
| 1. | <b>Lavinia Ioana Bărnăuțiu, Liviu Al. Mărghitaș, Daniel S. Dezmirean, Cristina Manuela Mihai, Otilia Bobiș</b><br>Chemical Composition and Antimicrobial Activity of Royal Jelly                                     |
| 2. | <b>Bogdan Georgescu, Carmen Georgescu, Stelian Dărăban, Anca Bouaru, Simona Pașcalău</b><br>Heavy Metals Acting as Endocrine Disrupters  |
| 3. | <b>Cristina M. Mihai, Liviu Al. Mărghitaș, Daniel S. Dezmirean, Lavinia Bărnăuțiu</b><br>Correlation between Polyphenolic Profile and Antioxidant Activity of Propolis from Transylvania                             |
| 4. | <b>Negrea Octavian, Vioara Miresan, Camelia Raducu, Flore Chirilă, Liviu Oana, Zamfir Marchis</b><br>Parasitological Aspects of Pollution Levels in Some Equine Digestive Helminthosis                               |
| 5. | <b>Crenguța I. Pavel, Liviu Al. Mărghitaș, Otilia Bobiș, Daniel S. Dezmirean, Agripina Șapcaliu, Ion Radoi, Mariana N. Mădaș</b><br>Biological Activities of Royal Jelly   |
| 6. | <b>Silvana Popescu, Cristin Borda, Cristina Iuliana El Mahdy, Eva Andrea Diugan, Carmen Dana Sandru, Marina Spinu, Razvan Stefan</b><br>Survey on Ammonia Concentrations in Dairy Cattle Tie-Stall Barns             |
| 7. | <b>Silvana Popescu, Cristin Borda, Cristina Iuliana El Mahdy, Eva Andrea Diugan, Carmen Dana Sandru, Marina Spinu, Razvan Stefan</b><br>Airborne Microorganisms in Tie-stall Dairy Barns from Brasov County          |
| 8. | <b>Laura Stan, Liviu Al. Mărghitaș, Daniel Dezmirean</b><br>Quality Criteria for Propolis Standardization  |
| 9. | <b>Razvan Stefan, Silvana Popescu, Maria Bindea, Adriana Popa, Oana Raita</b><br>EPR Structural Investigations on Ag <sub>2</sub> O-B <sub>2</sub> O <sub>3</sub> -CaO-P <sub>2</sub> O <sub>5</sub> Vitreous System |

### POSTER PRESENTATIONS (Foyer 13:00 – 14:00)

|       |  |
|-------|--|
| P4-01 | <b>Carmen Berghes, Petrut Tanase, Monica Parvu, Cristina Dinu, Daniel Cuca</b><br>Contributions to the Study of the Esophagus and Stomach Morphology in Guinea Pig   |
| P4-02 | <b>Gabi Dumitrescu, Lavinia Ștef, Dan Drinceanu, Calin Julean, Ducu Ștef, Liliana Petculescu Ciochina, Cosmin Pandur</b><br>Control on the Wheat Non-Starch Polysaccharides (NSP) Anti-Nutritional Effect on Intestinal Wall, by Introducing Xylanase in Broiler Feed  |
| P4-03 | <b>Svätoslav Hluchý, Norbert Bolcsó, Róbert Toman</b><br>Histological and Morphometric Study of Regressive Changes in the Mammary Glands of Pigs during Regression   |
| P4-04 | <b>Svätoslav Hluchý, Norbert Bolcsó</b><br>Histological and Morphometric Study of Lactating Mammary Glands in Sows   |
| P4-05 | <b>Daniela Moț</b><br>The Incidence Increasing of Sheep Some Diseases Caused by Heavy Rainy Spring of 200 in the West Part of the Country  |
| P4-06 | <b>Daniela Moț, Teodor Moț, Emil Tîrziu, Ileana Nichita</b><br>The Hematological Indexes Values in Sheep Correlated with Season  |
| P4-07 | <b>Monica Părvu, Alexandru T. Bogdan, Ioana Cristina Andronic, Adriana Amfim</b><br>Aspects of Energy Metabolism in Mangalitsa Pigs Exposed at Thermic Neutral Temperature   |
| P4-08 | <b>Emil Tîrziu, Ileana Nichita, Ciceronis Cumanasoiu, Daniela Mot, Radu Valentin Gros, Monica Seres, Magdalena Simona Muntean</b><br>Anatomopathological Changes Induced by Mycotoxins   |
| P4-09 | <b>Robert Toman, Mária Adamkovičová, Svätoslav Hluchý, Michal Cabaj, Jozef Golian</b><br>Quantitative Analysis of the Rat Testes after an Acute Cadmium and Diazinon Administration  |
| P4-10 | <b>Rodica Căpriță, Adrian Căpriță</b><br>Chemical Methods for the Determination of Soluble and Insoluble Non-Starch Polysaccharides  |
| P4-11 | <b>Rodica Căpriță, Adrian Căpriță, Iuliana Cretescu, Călin Julean</b><br>Influence of Temperature on the Extractibility of Polysaccharides in Barley   |
| P4-12 | <b>Ciceronis Cumanasoiu, Cristian Emil Cumanasoiu, Emil Tîrziu, Radu Valentin Gros, Bianca Cumanasoiu, Adia Carmen Tîrziu</b><br>Study of the Behavior of Some <i>Yersinia enterocolitica</i> Strains Susceptible to Disinfectants and Antibiotics Isolated From Swine |
| P4-13 | <b>Liviu Mărghitaș, Daniel Dezmirean, Flore Chirilă, Nicodim Fiț, Otilia Bobiș</b><br>Antibacterial Activity of Different Plant Extracts and Phenolic Phytochemicals Tested on <i>Paenibacillus Larvae</i> Bacteria  |
| P4-14 | <b>Dana Popa, Victoria Niculescu, Cristiana Diaconescu, Livia Vidu, Răzvan Popa, Marius Maștei, Nicoleta Ișfan, Carmen Nicolae</b><br>Research on the Structure, Quality and Measures to Prevent and Combat Soil Erosion in the Village Stejaru from Teleorman County  |
| P4-15 | <b>Dana Popa, Victoria Niculescu, Cristiana Diaconescu, Livia Vidu, Răzvan Popa, Marius Maștei, Nicoleta Ișfan, Carmen Nicolae</b><br>Research on the Influence of Soil Structure and Amendments on Surface Water Quality from Cervenii Village, Teleorman County      |
| P4-16 | <b>Sorina Ropciuc, Radu Cenușă, Rodica Căpriță, Iuliana Cretescu</b><br>Study on the Ascorbic Acid Content of Rose Hip Fruit Depending on Stationary Conditions  |

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| P4-17 | <b>Sorina Ropciuc, Radu Cenușă, Rodica Căpriță, Iuliana Crețescu</b><br>Influence of Climatic Factors on the Nutritional Value in <i>Cynosbati Fructus</i>  |
| P4-18 | <b>Emil Tirziu, Ciceronis Cumpănașoiu, Radu Valentin Gros, Monica Seres</b><br><i>Yersinia enterocolitica</i> Monographic Study   |
| P4-19 | <b>Bohuslav Čermák, Jana Hníšová, Eva Petrášková, Miloslav Šoch, Bohuslav Vostoupal</b><br>Influence of Biological Agents Effects on Reduction of Ammonia Concentration in Stables of Intensive Farm Animals Breeding                             |
| P4-20 | <b>Benoni Lixandru, Neculai Dragomir, Viorel Pătroescu, Florica Morariu, Anca Pricop, Dumitru Popescu</b><br>Testing the Remanent Fertilizing Effect that the Compost Prepared with Slurry Resulted from Urban Treatment Plants Has on Corn Crops |
| P4-21 | <b>Florica Morariu, Smaranda Mășu, Dumitru Popescu</b><br>Behaviour of <i>Onobrychis Viciifolia</i> Growing on Fly Ash Experimental Parcels   |
| P4-22 | <b>Florica Morariu, Smaranda Mășu, Neculai Dragomir, Valeria Rus, Ligia Demetrovici, Stela Uruic, Dumitru Popescu, Adela Jurjescu</b><br>Indicator of Bioavailability of Heavy Metals in Phyto-Stabilized Processes of Fly Ash Deposits           |
| P4-23 | <b>Sorin Morariu, Florica Morariu</b><br>The Dynamics of Blowflies of <i>Calliphora</i> , <i>Lucilia</i> and <i>Protophormia</i> Genera during 2003 in Northern Timisoara   |
| P4-24 | <b>Václav Pálka, Miloslav Šoch, Jana Šťastná, Marcela Raabová, Petr Tejml, Kristýna Líbalová, Richard Štengl</b><br>Comparison of Micro-climatic Conditions of Various Calf Housing Systems   |

**SESSION 5**  
Thursday, May 26, 2011  
MAIN TOPIC – Aquaculture  
Aquaculture Department, Room 506

**SESIUNEA 5**  
Joi, 26 mai 2011  
SECȚIUNEA – Acvacultură  
Disciplina Acvacultura, Sala 506

**Session chair/Moderatori:**

Prof. dr. Marian Bura  
Prof. dr. Adrian Grozea  
Prof. dr. Aurel Șara

**Secretary/Secretari:** Asist. dr. Simiz Eliza, Asist. dr. Bănățean Ionuț

**ORAL PRESENTATIONS (14:00 – 17:00)**

|    |  |
|----|--|
| 1. | <b>Florin Molnar, Aurel Șara, Erol-Florian Gabor, Mihai Bentea</b><br>The Influence of Some Additives to Growing Indices and Meat Quality for one Summer Common Carp ( <i>Cyprinus Carpio L.</i> )   |
| 2. | <b>Erol-Florian Gabor, Aurel Șara, Florin Molnar, Mihai Bentea</b><br>The Influence of Some Phytoadditives on Growth Performances and Meat Quality in Rainbow Trout ( <i>Oncorhynchus Mykiss</i> )   |
| 3. | <b>Cristina Muscalu-Nagy, Samuel Appelbaum, Danijel Gospič</b><br>A New Method for Out-of-Season Propagation for Northern Pike ( <i>Esox Lucius, L.</i> )  |
| 4. | <b>Octavian Negrea, Vioara Mireșan, Camelia Răducu, Liviu Oană, Flore Chirilă, Zamfir Marchis, Daniel Cocan</b><br>Incidence of Larval Anisakiosis in Ocean Fish Sold Through Network of Supermarket Stores                                    |
| 5. | <b>Adina Popescu, Maria Fetecău, Desimira Dicu, Săndița Ion (Placintă), Victor Cristea</b><br>Research about the Influence of Environmental Factors on Breeders Quality  |
| 6. | <b>Aurel Șara, Alina Rodica Ani (Toma), Florin Molnar, Erol Gabor</b><br>Histological Investigations on an Intestinal Level in Common Carp, one Summer Old, Fed with Organic Selenium (Selplex) Supplemented Fodder                            |
| 7. | <b>Aurel Sara, Aurelian Barbu, Erol Gabor, Mihai Bentea</b><br>Researches Regarding the Combined Fodder Additives (Bio-Mos+Nupro+Selplex) Effects on the Productive Performances and Health of Rainbow Trout ( <i>Oncorhynchus Mykiss W.</i> ) |

**POSTER PRESENTATIONS (Foyer 13:00 – 14:00)**

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|-------|--|
| P5-01 | <b>Marian Bura, Radu Muscalu-Nagy, Camelia Hevesi, Ioan Banatean-Dunea</b><br>Morphometric Studies on Anodonta Anatine Bivalve Population from the Dognecea Lake   |
| P5-02 | <b>Sandita (Placinta) Ion, Victor Cristea, Iulia Grecu, Elena Bocioc, Adina Popescu, Marian Tiberiu Coadă</b><br>Influence of Environmental Conditions in Ichthyophthiriasis Trigger to the Europeans Catfish Juveniles ( <i>Silurus Glanis</i> ) Stocked into a Production System with Partially Reused Water |
| P5-03 | <b>Marioara Nicula, Iosif Gergen, Monica Harmanescu, Ionut Banatean-Dunea, Adela Marcu, Eliza Simiz, Tiberiu Polen, Mihai Lunca</b><br>Assessing the Impact of EDTA Chelating Effect on some Macro- and Microminerals in Prussian carp ( <i>Carassius gibelio</i> ) Tissues                                    |
| P5-04 | <b>Adina Popescu, Maria Fetecău, Catalina (Ciortan) Mirea, Victor Cristea, Marian Tiberiu Coadă</b><br>Researches on Evaluating the Efficiency of Hormonal Stimulation with Silver Carp Pituitary Extract in Order to Optimize Controlled Reproductive Technology at Asian Cyprinids                           |

**WORKSHOPS**

Friday, May 27, 2011 (9:30 – 12:30)

**MAIN TOPIC – Animal Feeding and Nutrition  
Room S1**

**WORKSHOPS**

Vineri, 27 mai 2011 (9:30 – 12:30)

**SECȚIUNEA – Nutriția și Alimentația Animalelor  
Sala S1**

**Session chair/Moderatori:**

Prof. dr. Bohuslav Cermak

Prof. dr. Dan Drinceanu

Prof. dr. Radu Burlacu

**Secretary/Secretar:** Eng. dr. Julean Călin

**1. MINERAL ENSURING IN POULTRY RAISED IN ORGANIC SYSTEM**

**ASIGURAREA MINERALĂ LA PĂȘĂRILE CRESCUTE ÎN SISTEM  
ECOLOGIC**

**2. BORON ESSENTIALITY IN POULTRY AND SWINE DIET**

**ESENȚIALITATEA BORULUI ÎN HRANA PĂȘĂRILOR ȘI SUINELOR**

## STUDENT SCIENTIFIC SYMPOSIUM

Friday, May 27, 2011 (9:30 – 12:30)  
Room S2

## SIMPOZION ȘTIINȚIFIC STUDENȚESC

Vineri, 27 mai 2011 (9:30 – 12:30)  
Sala S2

### Session chair/Moderatori:

Eng. dr. Ada Cean  
Eng. dr. Dinu Găvojdean

Secretary/Secretar: Eng. Liliana Boca

### ORAL PRESENTATIONS (10:30 – 12:30)

|    |  |
|----|--|
| 1. | <b>Anca-Diana Pricop, Isabelle Laffont-Schwob, Benoni Lixandru, Pierre-Jean Dumas, Pascale Prudent, Jacques Rabier, Marie-Dominique Salducci, Laurence Affre, Véronique Masotti, Thierry Taton</b><br>Do We Protect Them or Do They Protect Us? Heavy Metals Tolerance and Phytostabilization Potential of a Rare Protected Species – <i>Astragalus tragacantha</i> L. |
| 2. | <b>Antonina Jivan (Rișcu), Marian Bura, Silvia Pătruică, Alin Jivan</b><br>Establishing Some Qualitative Connections at the Pollen Collected by Bees and Produced by Spontaneous Flora in Different Moments of the Day   |
| 3. | <b>Dragos-Sorin Fota, Izabella-Ramona Fota, Dan-Emil Drinceanu</b><br>Fatty Acid Profile of Different Vegetable Oils That Can Be Used in Broilers Feed   |
| 4. | <b>Sebastian Toth, Neculai Dragomir, Carmen Dragomir, Corina Cristea, Teodor Cristea, Ioan Cheșa, Darius Văcariu, Samira Răvdan</b><br>Italian Ryegrass ( <i>Lolium Multiflorum</i> L.) Cultivation in Cover Crops System, in Vegetation with some Autumn Forage Legume Species  |
| 5. | <b>Istvan Petru Szilagyi, Adrian Grozea, Ioan Banațean-Dunea, Eliza Simiz</b><br>Growth Dynamic of Pikeperch ( <i>Sander Lucioperca</i> ) Fry Obtained Out-Of-Season and Reared in Recirculating Aquaculture System  |
| 6. | <b>Andrei Osman, Adrian Grozea, Ada Cean, Ioan Banațean-Dunea, Bogdan Korbuly</b><br>Developing of a Protocol for Out-Of-Season Reproduction in Pikeperch ( <i>Sander Lucioperca</i> )   |