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**5<sup>th</sup> International Scientific Meeting**  
**Days of veterinary medicine 2014**  
**Ohrid, Macedonia,**  
**September 5-7, 2014**

**SCIENTIFIC PROGRAM**

**Day 1 Friday**  
**(5 September 2014)**

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07:00-09:00      **Registration of Participants**

09:00-09:30      **Opening Addresses**

- Prof. Dr. Dine Mitrov, Dean of the Faculty of Veterinary Medicine - Skopje
- Prof. Dr. Velimir Stojkovski, Rector of “Ss. Cyril and Methodius” University in Skopje
- Mr. Dejan Runtevski, Director of Food and Veterinary Agency, R. Macedonia

**Scientific Session I**

**BASIC SCIENCES, ANIMAL HEALTH, INTERNAL MEDICINE,**  
**CLINICAL SCIENCES**

(Moderators: Nikolovski Goran and Jessika M. V. Cavalleri)

Plenary Lectures

09:30-10:00      **O1 - Transcutaneous Ultrasonography in Horses with (Acute) Colic**  
*Jessika M. V. Cavalleri*

10:00-10:30      **O2 - Myxomatous Mitral Valve Disease – Epidemiology and Prognostic Factors**  
*Aleksandra Domanjko Petric, Andrej Blejec*

Oral Presentations

10:30-10:40      **O3 - Preliminary Studies on the Prevalence of Specific Antibodies Against Mycoplasma Bovis in Calves**  
*Branka Vidic, Sara Savic, Dubravka Milanov, Dejan Bugarski, Vaso Vidic*

10:40-10:50      **O4 - Examination of Ampicillin Resistant Enterococci (VRE) Isolated From Canine and Feline Fecal Swabs**  
*Celik Baran, Bagcigil Arzufunda, Koenhensi Lora, Adiguzel Mehmetcemal, Or Mehmet Erman, Ak Seyyal*

10:50-11:00      **O5 - Biochemical Parameters of Brown Swiss Heifers in Late Pregnancy and Puerperium**  
*Irena Celeska, Danijela Kirovski, Igor Ulchar, Igor Dzadzovski, Kiril Krstevski, Aleksandar Janevski, Dine Mitrov*

11:00-11:20      Coffee Break

**Scientific Session I**

**BASIC SCIENCES, ANIMAL HEALTH, INTERNAL MEDICINE,**  
**CLINICAL SCIENCES**

(Moderators: Slavco Mrenoski and Kerstin Dressel)

Oral Presentations

11:20-11:30      **O6 - Serology Testing of Rabies Vaccination Efficacy in Pet Animals in R. Macedonia in the Framework of Non-Commercial Movement of Pet Animals in the EU**  
*Iskra Cvetkovikj, Slavco Mrenoshki, Kiril Krstevski, Igor Djadjovski, Branko Angjelovski, Aleksandar Cvetkovikj*

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11:30-11:40	<b>O7 - Differentiational Diagnosis of Fasciola Hepatica from Different Animal Hosts by PCR</b> <i>Aldemir Osman Selçuk, Mederle Narcisa Geanina</i>
11:40-11:50	<b>O8 - Clinical Efficacies of Inactive Moraxella Bovis Autovaccine in a Farm with Infectious Keratokonjunctivitis</b> <i>Osman Erganis, Zafer Sayin, Asli Sakmanoglu, Huda Jihad AL-Shattrawi, Mustafa Erman Kirkpinar, İslam Köse</i>
11:50-12:00	<b>O9 - Haematological and Coagulation Profiles during Severe Tropical Theileriosis in Cattle</b> <i>Ramazan Çöl, Uğur Uslu</i>
12:00-12:10	<b>O10 - Two Different Protocols for Pharmacologically-Induced Ejaculation in Equus Asinus</b> <i>Miroslava Mráčková, Markéta Sedlinská</i>
12:10-12:20	<b>O11 - Radioprotective Effect of Montelukast Sodium Against Hepatic Radioiodine (131I) Toxicity: A Histopathological Investigation in the Rat Model</b> <i>Nihat Yumusak, Hasan İkbāl Atılğan, Murat Sadic, Salih Sinan Gultekin, Gokhan Koca, Sinem Ozyurt, Koray Demirel, Meliha Korkmaz</i>
12:20-12:30	<b>O12 - Risk Management Strategies in Case of Outbreak of Crimean Congo Hemorrhagic Fever (CCHF) and Other Vector-Borne Diseases (VBD), A Comparative Case Study of R. Macedonia, Turkey and Germany</b> <i>Kerstin Dressel, Blagica Sekovska, Jovana Stefanovska</i>
12:30-13:00	AVICENA – Commercial Presentation
13:00-14:00	Lunch Break

#### Workshop I

#### **DIAGNOSTIC INVESTIGATIONS IN COMPANION ANIMALS**

(Moderators: Plamen Trojancanec and Jessika M. V. Cavalleri)

#### Oral Presentations

14:00-14:30	<b>O13 - Equine Neurology – How to End Up with a Neuro - Anatomical Diagnosis</b> <i>Jessika M. V. Cavalleri, Karsten Feige</i>
14:30-14:45	<b>O14 - Basic Principles of ECG Readings in Small Animals</b> <i>Goran Nikolovski, Ksenija Ilievska, Elena Atanaskova Petrov, Plamen Trojancanec</i>
14:45-15:00	ESAOTE - Commercial Presentation

#### Workshop II

#### **ECHOCARDIOGRAPHY IN SMALL ANIMALS**

(Moderators: Goran Nikolovski and Aleksandra Domanjko-Petric)

#### Practical classes

15:00-16:30	<b>O15 - Echocardiography - What Does it Tell Me?</b> <i>Aleksandra Domanjko-Petric</i>
16:30-17:30	Poster Session (Part I)
18:00-20:00	<b>Social Program</b> - Guided Ohrid Tour and Visit the Historical Places and Museums in Old Town
20:30	<b>GALA DINNER</b>

Scientific Session II  
**FOOD SAFETY AND VETERINARY PUBLIC HEALTH**

(Moderators: Dean Jankuloski and Alessandro Seguino)

Plenary Lecture

09:00-09:30 **O16 - Molecular Epidemiology, A New Approach to Food Safety**  
*Alessandro Seguino*

Oral Presentations

09:30-09:40 **O17 - Antimicrobial Resistance of Staphylococcus Aureus Isolated From Cow's Udder in Serbia**  
*Marija J. Pajić, Stanko F. Boboš, Zoran B. Rašić, Branko M. Velebit, Vera R. Katić, Miodrag Ž. Radinović, Annamaria L. Galfi*

09:40-09:50 **O18 - Genetic Relatedness of Oxytetracycline Resistant Foodborne Staphylococcus Aureus Strains**  
*Ali Aydin, Mert Sudagidan, Orhan Yavuz*

09:50-10:00 **O19 - Identification and Antibiotic Susceptibility of Coagulase Negative Staphylococci Isolated from Dairy Cows with Subclinical Mastitis**  
*H. Hüseyin Hadimli, Zafer Sayin, Osman Erganiş, Kürşat Kav, Aslı Sakmanoglu*

10:00-10:10 **O20 - The Evaluation of Anti-Campylobacter Activity of Plant Extracts/Pure Compounds of Essential Oils with Native Microflora**  
*Cemil Kurekci, Sharon L. Bishop-Hurley, Errol Hassan, Jagadish Padmanabha, Rafat A. M. Al Jassim, Christopher S. McSweeney*

10:10-10:20 **O21 - Antimicrobial Resistance in Bacteria Associated with Livestock: A situation in Slovenia**  
*Majda Golob, Irena Zdovc*

10:20-10:30 **O22 - Staphylococcus Aureus and Production of Enterotoxins in Cheese and Staphylococcus Food Poisoning**  
*Marija Ratkova, Mirko Prodanov, Ljupcho Angelovski, Sandra Mojsova, Dean Jankuloski, Pavle Sekulovski*

10:30-10:40 **O23 - Microbiological Quality of Minced Meat and Red Meat Preparations Consumed in Antalya**  
*Ozturk Umut, Gurbuz Umit*

10:40-10:50 **O24 - Prevalence of Campylobacter spp. in Broilers at Slaughter**  
*Ljupcho Angelovski, Dean Jankuloski, Marija Ratkova, Mirko Prodanov, Sandra Mojsova, Pavle Sekulovski*

10:50-11:00 Coffee Break

**STUDENT SCIENTIFIC SESSION**

(Moderators: Zehra Hajrulai-Musliu and Ali Aydin)

Oral Presentations

11:00-11:10 **SS1 - The Awareness Questionnaire: Attention to Brucellosis Among Internship Students in Veterinary Faculties of Turkey**  
*Serkan Ikiz, Beren Basaran Kahraman, Bulent Ekiz, Simten Yesilmen Alp, Huban Gocmen, Halil Durmusoglu, Secil Abay, Seyda Cengiz*

11:10-11:20 **SS2 - Unsaturated Fatty Acid Content in Corn Flakes**  
*Risto Uzunov, Zehra Hajrulai-Musliu, Basak Kucukcakan, Aleksandra Angeleska, Biljana Stojanovska-Dimzoska, Elizabeta Dimitrieska-Stojkovic, Katerina Davceva, Velimir Stojkovski*

11:20-11:30 **SS3 - The influence of Transport on the within Flock Prevalence of Salmonella spp. in Laying Hens**  
*Mirko Prodanov, Marija Ratkova, Ljupcho Angelovski, Dean Jankuloski, Sandra Mojsova, Pavle Sekulovski, Vlatko Ilieski*

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11:30-11:40	<b>SS4 - Study of Aflatoxin Contamination in Corn and Bread in R. Macedonia</b> <i>Basak Kucukcakan, Biljana Stojanovska-Dimzoska, Katerina Davceva, Elizabeta Dimitrieska-Stojkovic, Risto Uzunov, Aleksandra Angeleska, Zehra Hajrulai-Musliu</i>
11:40-11:50	<b>SS5 - Importance of Personnel Hygiene in Food Production Facilities</b> <i>Elif Calik, Aysen Coban, Ali Aydin</i>
11:50-12:00	<b>SS6 - Rearing Anatolian Buffaloes; From the Traditional till Today</b> <i>Cihan Gunes, Serhat Alkan, Serkan Ikiz</i>
12:00-12:10	<b>SS7 -Influence of Certain Factors on Career Choices of Veterinary Students in Istanbul University</b> <i>Melek Ozdemir, Damla Ozdil, Cihan Gunes, Onur Jilta</i>
12:10-12:20	<b>SS8 - Usage of Helminths as Alternative Therapy of Auto-Immune Diseases</b> <i>Onur Jilta, Mufit Toparlak, Serkan Ikiz</i>
12:20-12:30	<b>SS9 - Effects and Importance of Student Researches in Veterinary Education: A Modal of Istanbul University</b> <i>Damla Ozdil, Cihan Gunes, Berker Bademli, Ozcicek Mert Basaran, Beren Kahraman, Serkan Ikiz</i>
12:30-12:40	<b>SS10 - Influence of the Reproductive Status on the Development of Mammary Tumors in Bitches</b> <i>Elena Atanaskova Petrov, Ksenija Ilievska, Plamen Trojacanec, Irena Celeska, Maja Stojchevska, Todor Novakov, Goran Nikolovski, Ivica Gjurovski, Toni Dovenski</i>
12:40-12:50	<b>SS11 -The Advantages of the Immunohistochemical Method in the Diagnosis of the Circovirus Diseases in Pigs</b> <i>Ivica Gjurovski, Trpe Ristoski</i>
12:50-13:00	<b>SS12 - Semen Quality of Ovchepolean Pramenka Rams During Non-Breeding Season</b> <i>Monika Dovenska, Florina Popovska-Percinic, Vladimir Petkov, Martin Nikolovski, Toni Dovenski</i>
13:00-14:00	Lunch Break

**Workshop III**  
**ANIMAL REPRODUCTION, ANIMAL WELFARE AND**  
**HERD HEALTH MANAGEMENT**

(Moderators: Kiro R. Petrovski and Vanessa Meganck)

Oral Presentations

14:00-14:20	<b>O25 - Change in Fatty Acid Composition of Chilled Ram Semen in Relation to Spermatozoa Motile Activity</b> <i>Martin Nikolovski, Monika Dovenska, Riste Uzunov, Zehra Hajrulai-Musliu, Vladimir Petkov, Toni Dovenski</i>
14:20-14:30	<b>O26 - In Vitro Effect of Oxytocin and Prostaglandin on Stallion Sperm Quality</b> <i>Sen Cebi Cigdem, Akcay Ergun</i>
14:30-14:40	<b>O27 - Possibility for Inducing Follicular Growth in Dairy Cows Diagnosed with Inactive-Static Ovaries Using two Different Treatment Methods – A Field Trial</b> <i>Branko Atanasov, Ljupco Mickov, Igor Esmerov, Ksenija Ilieska, Martin Nikolovski, Toni Dovenski</i>
14:40-14:50	<b>O28 - Early Short Term Water Restriction upon Liver Function and Morphology in Broilers</b> <i>Katerina Blagoevska, Aleksandar Dodovski, Andreja Blagoevski, Florina Popovska-Percinic, Ljupco Mickov, Velimir Stojkovski</i>
14:50-15:00	<b>O29 - Maturation Rate of Cattle Oocytes of Different Quality</b> <i>Ömer Korkmaz, Şükrü Küplülü, Birten Emre, Abuzer K. Zonturlu</i>
15:00-15:10	<b>O30 - Analysis of Demographic Data on Lost and Found Dogs in Belgrade, Serbia</b> <i>Marijana Vučinić, Katarina Radisavljević, Alexandra Hammond-Seaman, Vlatko Ilieski</i>
15:10-15:20	Coffee Break

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15:20-15:40	<b>O31 - Approach of Problem Dairy Herds with Neonatal Calf Diarrhea</b> <i>Vanessa Meganck, Geert Opsomer</i>
15:40-16:00	<b>O32 - Use of Modified Calgary-Cambridge Guides in Bovine Consultations</b> <i>Kiro R. Petrovski, Michelle Mc Arthur</i>
16:00-16:10	<b>O33 - Postural Behaviour in Gilts: Rubber Mats versus Concrete Flooring</b> <i>Željko Pavičić, Mario Ostović, Sven Menčik, Anamaria Ekert Kabalin, Marija Vučemilo, Kristina Matković, Boris Antunović, Rajko Pavešić, Vlatko Ilieski</i>
16:10-16:20	<b>O34 - Grazing in Dairy Farms With Milking Robots and Grazing Costs</b> <i>Ardita Hoxha-Jahja, Risto Kauppinen, Hannu Viitala, Skender Muji, Kati Partanen</i>
16:20-16:30	<b>O35 - Investigation of the Antigen Recognition and Presentation Capacity of Pecteneal Hyalocytes in Chicken (<i>Gallus Gallus Domesticus</i>)</b> <i>Deniz Korkmaz, Sadiye Kum</i>
16:30-17:30	Poster Session (Part II)
18:00-20:00	Boat Tour trough Ohrid Lake
20:00	<b>DINNER at Macedonian National Restaurant</b>

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## ORGANIZATION OF THE POSTER-SESSIONS

in the 5<sup>th</sup> International Scientific Meeting “Days of veterinary medicine 2014”

The congress will have two poster sessions (Poster session I and Poster session II) which will take place on Friday 5 and Saturday 6 September 2014, respectively. All posters are classified according to the thematic subject on the general schedule of the meeting.

The both poster sessions will be guided, meaning that the poster presenting authors will have to present the content of their poster to the moderators of a session and interested listeners in a maximum of 3 minutes, with discussion afterwards. A total of 5 minutes, answers and questions included, will be allocated per poster.

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### POSTER SESSION I: Friday September 5, 2014, 16:30-17:30

Moderators (Igor Ulchar, Irena Celeska, Štěpán Bodeček, Bojan Toholj, Plamen Trojancanec, Maja Vasiljević)

- P1     **The Influence of Diets on the Developing of Gingivitis and Periodontitis in the Dogs**  
*Haxhi Allmuca, Jani Mavromati, Brunilda Mazari*
- P2     **Effectivnees of Toothbrushing to the Cases of Gingivitis and Periodontitis of Dogs**  
*Haxhi Allmuca, Brunilda Mazari*
- P3     **Resistance of Salmonella Isolated from Affected and Dead Animals, Antibiotic Sensitivity Testing and Selection of Highly-Effective Preparation**  
*Levan Makaradze, Zakaria Chekurishvili, Merab Mirtskhulava, Marine Ramishvili*
- P4     **Pathomorphological Changes in the Piglet Liver During Acute Salmonellosis**  
*Levan Makaradze, Zakaria Chekurishvili, Merab Mirtskhulava, Marine Ramishvili*
- P5     **Immobilization and Anesthesia of Grey Wolves (*Canis Lupus, L*) in Zoo Skopje Using Xylazine/Ketamine Combination**  
*Maja Stojchevska, Vesna Levajkovikj, Ksenija Ilievska, Elena Atanskova Petrov, Plamen Trojachanec*
- P6     **Study of Endoparasites Prevalence in Foxes in the Western Part of Romania**  
*Hora Florin, Dărăbuș Gheorghe, Morariu Sorin, Mederle Narcisa*
- P7     **The Evaluation of Atopic Dermatitis Impact on Health-Related Quality of Life of Affected Dogs and Their Owners in Romania**  
*Mederle Ovidiu Alexandru, Morariu Sorin*
- P8     **Effect of Optigen on Some Parameters of Rumen Fermentation in Yearling Rams**  
*Veselin Radev, Todor Slavov, Ivan Varlyakov, Krasimira Uzunova, Marina Todoroska*
- P9     **Laser Surgery for the Treatment of Epiglottic Retroversion in Horse – One Case**  
*Štěpán Bodeček, Petr Jahn*
- P10    **Fatal Encephalitic Aspergillosis in Zoo Kept Young Swans**  
*Aleksandar Dodovski, Vesna Levajkovic, Aleksandar Janevski, Ivica Gjurovski, Katerina Blagoevska*
- P11    **Canine Thelaziosis Caused by *Thelasia Callipaeda* in Bosnia and Herzegovina**  
*Selma Filipović, Alan Maksimović, Amila Šunje-Rizvan, Ismar Lutvikadić, Muamer Obhodaš, Jasmin Omeragić*
- P12    **Fibrosarcoma of The Mandible in Sharplanina Mountain Dog – Case Report**  
*Igor Ulchar, Irena Celeska, Plamen Trojachanec, Ksenija Ilievska, Ivica Gjurovski, Trpe Ristoski*
- P13    **The Usage of Erythropoietin (Epo) in Nonregenerative Anemia as Result of Chronic Renal Failure Caused by Chronic Ehrlichiosis in Dogs: Case Report**  
*Emil Janev, Tomco Lazov, Pandorce Trenkoska-Spasovska, Kristijan Sarakinovski*
- P14    **Theileriosis Case in a One-Month Old Calf**  
*Kenan Sezer*
- P15    **Anesthetic Management and Surgical Repair of Diaphragmatic Hernia in Cat: Case Report**  
*Ksenija Ilievska, Todor Novakov, Elena Atanaskova Petrov, Maja Stojchevska, Pandorce Trenkoska Spasovska, Natalija Cakar-Georgievska, Goran Nikolovski, Plamen Trojancanec*

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- P16 **Anesthesia and Analgesia for Caesarean Section in Dog**  
*Maja Vasiljević, V. Magaš, Milica Stojić, D. Ristanović*
- P17 **A Case of Monobrachial Peromelia in a 2 Years Old Holstein Cow**  
*Ozlem Ozmen*
- P18 **Insulinoma (Pancreatic Insulin-Secreting Tumor) in Dog: Case Report**  
*Pandorce Trenkoska-Spasovska, Emil Janev, Ksenija Ilievska, Tomco Lazov*
- P19 **Fatal Snake Bite in a Brown Bear (*Ursus Arctos* L.): Case Report**  
*Romel Velev, Toni Tankoski, Maja Tankoska*
- P20 **The Use of Ketamine, Xylazine and Midazolam Combination for Total Intravenous Anesthesia (Tiva) in Surgical Removal of Abdominal Testis of a Stallion**  
*Bojan Toholj, Velibor Kujača, Milenko Stevančević, Jovan Spasojević, Ozren Smolec*
- P21 **Maxillary Osteosarcoma in a Dog - Case Report**  
*Nihat Yumusak, Osman Kutsal*
- P22 **Phosphodiesterase Type 5 (PDE5) Inhibition Attenuates Cyclosporine A Induced Nephrotoxicity in Mice**  
*Mahmut Sozmen, Dinc Essiz, Alparslan Kadir Devrim, Mert Sudagidan*
- P23 **Two Cases of Mycotic Rumenitis in a Calf and a Lamb**  
*Funda Terzi, M. Kemal Çiftçi, Mustafa Ortatatl, Özgür Özdemir, Fatih Hatipoğlu, Hüdaverdi Erer, Zafer Sayın*
- P24 **Thymoquinone: A New Therapeutic Challenge in Canine Leishmaniasis (Long Term Multiple Therapy Protocol)**  
*Ali Evren Haydardedeoğlu, Ilker Camkerten, Hadi Alihosseini, Ekrem Ç Çolakoglu, Doğu Turgut, Ismail Özkaptan*
- P25 **Comparison of Levels of Certain Heavy Metals and Minerals in Cattle Raised Near and Away from Highways**  
*Husamettin Ekici, Özkan Simsek, Sevkett Arıkan, Meryem Eren*
- P26 **First Report of the Presence of Ticks From the Hyalomma Marginatum Complex in Three Nomenclatures of Territorial Units for Statistics (Nuts) Level III Regions in R. Macedonia**  
*Jovana Stefanovska, Robert Farkas*
- P27 **Genotyping of *Toxoplasma Gondii* RH Strain by Multilocus PCR-RFLP**  
*Kader Yıldız, Yılmaz Emre Gencay, Sami Gokpinar, Cahit Babur*
- P28 **Serum Biochemistry of Barbaryand Cameroon Sheep**  
*Metin Koray Albay, Sima Sahinduran, Mehmet Cagri Karakurum, Kenan Sezer*
- P29 **Alteration of Oxidative Stress Parameters in Bovine Ephemeral Fever Disease**  
*Güzin Özkurt, Ilker Camkerten, Tekin Şahin, Hikmet Ün, Burcu Menekşe Balkan, Abdullah Taşkın, Gürbüz Aksoy*
- P30 **Metastatic Transitional Cell Carcinoma of the Urinary Bladder in a Dog**  
*Ozlem Ozmen, Ahmet Aydogan, Evren Esin*
- P31 **Clinicopathological Findings of *Macrorhabdus Ornithogaster* Infections in Budgerigars (*Melopsittacus Undulatus*)**  
*Ozlem Ozmen, Sima Sahinduran*
- P32 **Diabetes Mellitus with Multi-Organ Dysfunction in a Cow**  
*Sima Sahinduran, Ozlem Ozmen, Necmettin Sarp Sevgisunar*
- P33 **Expression of CD3, CD79 and PCNA on Tumor Cells in Marek's Disease**  
*Ivana Z. Vučićević, Slađan N. Nešić, Vladimir M. Kukolj, Sanja L. Aleksić-Kovacević*
- P34 **Hypothyroidism in a Miniature Schnauzer Dog: Case Report**  
*Elena Atanaskova Petrov, Ksenija Ilievska, Todor Novakov, Maja Stojchevska, Goran Nikolovski*
- P35 **Clinical Signs and Diagnostic Procedures for Detection of Bovine Viral Diarrhea**  
*Aleksandar Janevski, Miroslav Radeski, Kiril Krstevski, Tomislav Nikolovski, Ivica Gjurovski, Irena Celeska, Dine Mitrov*
- P36 **Pathological Characterization of Myocarditis Related to Foot and Mouth Disease in Two Yearlings**  
*M. Kemal Çiftçi, Mustafa Ortatatl, Funda Terzi, Özgür Özdemir, Fatih Hatipoğlu, Merve Tuna, Hüdaverdi Erer*
- P37 **Antibacterial and Antifungal Activity of Ethanolic *Allium Tuncelianum* Extract**  
*Kemal Metiner, Oktay Özkan, Seyyal Ak*
- P38 **Existence of Extended Spectrum Beta Lactamase Producing *E. Coli* Isolates in Chicken**  
*Faruk Pehlivanoglu, Hulya Turutoglu, Dilek Ozturk, Hakan Yardimci*
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**POSTER SESSION II: Saturday September 6, 2014, 16:30-17:30**

Moderators (Pavle Sekulovski, Romel Velev, Kemal Kurekci, Toni Dovenski, Sen Cebi Cigdem, Mario Ostovic)

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- P39 **The Prevention of Placenta Retention and the Increase of Fertility through Treatment with PGF2- $\alpha$  in Postpartum Dairy Cows**  
*Luigi Turmalaj, Ilirian Bakiasi*
- P40 **An Investigation of Botulism Outbreaks in Dairy Cattle in Bolu Province**  
*Sibel Yasa Duru, Mehmet Şahal, Atilla Beşkaya, İdil Baştan, Serkal Gazyağcı*
- P41 **Estrus Synchronization in Ewes out of the Season**  
*Ilirian Bakiasi, Luigi Turmalaj, Rexhep Bajramaj*
- P42 **The Variation of Estrus in Endocrinological Levels and Behaviour in Akkaraman Ewes throughout the Year**  
*Dilek Arsoy*
- P43 **Ultrasound Measurements for Monitoring of the First Trimester of Pregnancy in Bulgarian Native Goats**  
*Manol Karadaev, Ivan Fasulkov, Nasko Vasilev, Yoana Petrova*
- P44 **Cryoprotective Effects of Four Different Extenders Supplemented with Equex Past or Different Forms of Egg Yolk on Sperm Parameters**  
*Omer Varisli, Cigdem C. Sen, Nurettin Aydılek, Faruk Bozkaya*
- P45 **Improvement of the Antioxidative Status of Pig Ovaries by Selenopyran Treatment**  
*Desislava Vasileva Abadjieva, Elena Kistanova, Yordan Marchev, Radka Nedeva, Chaika Vaisberg, Rossen Stefanov, Gennadiy Boryaev, Mihail Nevitov*
- P46 **Effect of Different Extenders and Storage Periods on Motility and Fertility of Ram Sperm**  
*Rossen Georgiev Stefanov, Georgi Ivanov Anev, Desislava Vasileva Abadjieva*
- P47 **Effect of Cholesterol and 7-Dehydrocholesterol Loaded Cyclodextrin on Simmental Bulls Sperm Motility Stored at 4°C**  
*Muhammed Enes Inanc, Tekin Koray, Kemal Tuna Olgac, Dogukan Ozen, Ongun Uysal*
- P48 **Effect of Different Glycerol Levels on Cryopreservation of Bull Semen Loaded With Cholesterol or 7-Dehydrocholesterol.**  
*Muhammed Enes Inanc, Kemal Tuna Olgac, Tekin Koray, Dogukan Ozen, Ongun Uysal*
- P49 **Kinetic Parameters of Cryopreserved Boar Semen**  
*Ljupco Mickov, Martin Nikolovski, Branko Atanasov, Katerina Blagoevska, Nikola Adamov, Vladimir Petkov, Toni Dovenski*
- P50 **Comparison of White Blood Cell Counts in the Perioperative Period of Ovariohysterectomy in Free Roaming Dogs**  
*Katarina Radisavljevic, Marijana Vucinic*
- P51 **Effects of Lactational Exposure to Non-Planar PCB-155 and Planar PCB-169 on Growth, Biochemical and Biomechanical Parameters of Maturing Rat Femur**  
*Jana Branković, Sašo Jovanovski, Alexander Hofmeister, Matjaž Uršič, Gregor Fazarinc, Azra Pogačnik, Janja Jan, Milka Vrecl*
- P52 **Characteristics of the Leg Muscles of Broiler Chickens Under Different Incubation Factors**  
*Gordana M. Ušćebrka, Verica Lj. Milošević, Vladimir Z. Ajdžanović, Slobodan Z. Stojanović, Dragan R. Žikić, Zdenko S. Kanački*
- P53 **Visualization of Structures in the Mammary Gland in Bulgarian Native Goats by B-Mode, Color Doppler and 3-D Ultrasonography**  
*Ivan Fasulkov, Manol Karadaev, Nasko Vasilev, Gundars Naglis*
- P54 **Morphometric Differences of the Right Flippers of Two Dolphin Species from the Adriatic Sea**  
*Hrvoje Lucić, Zoran Pišl, Damir Mihelić, Snježana Vuković*
- P55 **Animal Footprints on Bricks from the Roman Site of Cibalae, Croatia**  
*Hrvoje Lucić, Hrvoje Vulić, Matea Jurak, Ana Grgoić, Katarina Špiranec, Damir Mihelić, Snježana Vuković*



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