

INTERNATIONAL SCIENTIFIC CONFERENCE



PROGRAMME

Thursday, 5th October, 2017

PRELIMINARY REGISTRATION OF PARTICIPANTS

14.00–16.00 Faculty of Veterinary Medicine, Student's Campus,
Stara Zagora

Friday, 6th October, 2017

08.00–10.00 Registration, Calista SPA Hotel, Starozagorski Bani

10.00–10.30 Opening ceremony, Calista Grand Hall

10.30 – 16.00 CALISTA GRAND HALL

PLENARY SESSION

Chairperson: Assoc. Prof. Plamen Georgiev

Secretary: Assoc. Prof. Zvezdelina Kirkova

The future of veterinary reproductive medicine

Axel Wehrend (Justus Liebig University Giessen, Germany)

Dermanyssus gallinae – a ghost ectoparasite for the Greek laying hen industry: Results of a pilot study

*Konstantinos Arsenopoulos, Athanasios Angelou & Elias Papadopoulos
(Faculty of Health Sciences, Aristotle University of Thessaloniki, Greece)*

Reduced stress and fatigue indicators (cortisol and creatinine kinase) in dairy cattle due to fly repellency using deltamethrin (Butox®, MSD)

*Konstantinos Arsenopoulos, Eleftherios Triantafillou & Elias Papadopoulos
(Faculty of Health Sciences, Aristotle University of Thessaloniki, Greece)*

Ways to control dog and cat populations – contraception in companion animals

Sandra Goericke-Pesch (Faculty of Health and Medical Sciences, University of Copenhagen, Denmark)

Orthopedics – joint diseases in cattle

Alexander Starke (Faculty of Veterinary Medicine, University of Leipzig, Germany)

13.00 – 14.00 Lunch

Pathology of the canine aging brain: An animal model of human neurodegenerative diseases

Nikolaos Papaioannou (Aristotle University of Thessaloniki, Greece)

One health: What veterinarians know that physicians don't

Ilia Tsachev (Faculty of Veterinary Medicine, Stara Zagora, Bulgaria)

Application of proteomics in cancer research

Hamdi Uysal (Ankara University, Turkey)

Promotional presentation of ROYAL CANIN

16.00 – 16.30 Coffee break

16.30 – 18.00 SOFIA HALL

ORAL SESSION 1: BIOMEDICAL & PRECLINICAL SCIENCES

Chairperson: Prof. Ivan Penchev

Secretary: Asst. Prof. Ivelina Pavlova

Comparison of PCR primers for the identification of *Cryptosporidium* species and genotypes in calves

E. Hatalová, A. Valenčáková, J. Kalinová, L. Luptáková, O. Danišová & M. Húška

Viruses and parasitic diseases identification by molecular methods of the honey bee (*Apis mellifera*)

Hristov, P., A. Georgieva, D. Sirakova, B. Neov & G. Radoslavov

Mitochondrial profile in Bulgarian native breeds of dogs

M. Marinov, P. Hristov, A. Georgieva, D. Sirakova, B. Neov & G. Radoslavov

Morphogenesis of endocrine islets of pancreas of geese

I. Fesenko, O. Miroshnik & Y. Maslak

Ethological aspects of hens welfare supplemented with immunomodulator *Immunobeta*

N. A. Bozakova, L. K. Sotirov, T. V. Koynarski, S. V. Kalvacheva & P. P. Boycheva

Productivity aspects of turkey welfare after *Immunobeta* supplementation

*N. A. Bozakova, L. K. Sotirov, T. V. Koynarski, N. S. Mincheva,
M. G. Oblakova, M. T. Lalev & P. D. Hristakieva*

16.30 – 18.00 TRAKIA HALL

ORAL SESSION 2: CLINICAL SCIENCES

Chairperson: Prof. Mihail Paskalev

Secretary: Asst. Prof. Rumen Roydev

Histopathologic alterations of lung tissue caused by hypoxia in calves deceased due to dystocia

P. Martz, K. Failing & A. Wehrend

The effect of glucose administration on plasma potassium in cattle

P. Mudroň & E. Helin

Immune and metabolic indices in dairy cows with inflammation

P. Mudroň

Fibroblasts and their role in health and disease

H. Uysal

Fluid biomarkers, clinical and histopathological features in aged canine: The prognostic value for the canine cognitive dysfunction

I. T. Stylianaki, Z. S. Polizopoulou, G. G. Koliakos & N. G. Papaioannou

Surgical approach to a chronic recto-vaginal prolapsus in an Anatolian buffalo

S. Alkan, G. Petrovas, R. Arici & G. Naglis

16.30 – 18.00 CALISTA GRAND HALL

ORAL SESSION 3: PUBLIC HEALTH

Chairperson: Assoc. Prof. Petyo Prelezov

Secretary: Asst. Prof. Petar Iliev

Detection and frequency of infectious bursal disease virus (IBDV) VP2 gene variants in chickens in Turkey

*N. Turan, A. Gurel, A. Yilmaz, U. Y. Cizmecigil, O. E. Bamac, O. Aydin,
E. Bayraktar, B. Çakan & H. Yilmaz*

Variants of infectious bronchitis virus (IBV) in chickens in Turkey and production of recombinant IBV-N protein by using baculovirus expression system

H. Yilmaz, U. Y. Cizmecigil, A. Gurel, B. Faburay, B. Cetinkaya, O. Aydin, J. A. Richt & N. Turan

Use of fenbendazole and abamectin for control of helminthoses in free living mouflons (*Ovis musimon* L.)

J. Dakova, M. S. Panayotova-Pencheva & M. T. Alexandrov

Home produced Hellim cheese and its microbiological control

A. Karaarslan, G. Petrovas, E. Akkaya & T. Kahraman

The usage of electronic nose in food industry

B. Ozcan, S. Ikiz & T. Kahraman

Use of *Artemia franciscana* as a biofilter for catching

***Cryptosporidium parvum* oocysts**

J. Kalinová, A. Valenčáková, E. Hatalová, O. Danišová, L. Luptáková & M. Špalková

19.30 Welcome cocktail, Calista restaurant

Saturday, 7th October, 2017

10.00 – 13.30 SOFIA HALL

ORAL SESSION 1: BIOMEDICAL & PRECLINICAL SCIENCES

Chairperson: Assoc. Prof. Diana Vladova

Secretary: Asst. Prof. Alexander Atanassov

Effect of antioxidants on spermatological parameters in two different carp species after short-term storage

I. Yavas, F. S. Seçer & T. K. Yavas

Age-related anatomical and microscopic features of the oesophagus and stomach in the rainbow trout (*Onchorynchus mykiss*)

P. Y. Yonkova, H. A. Bardarova, G. I. Zhelyazkov, R. S. Simeonov, K. K. Dimitrov, G. Penchev, G. S. Vateva & M. G. Stefanov

Effect of fish oil and restricted feeding on blood lipid profile in a rabbit model of castration induced obesity

N. Grigorova, B. Bjorndal, Zh. Ivanova, G. Penchev, E. Vachkova, R. Berge, T. Mircheva- Georgieva & I. Penchev Georgiev

Activated carbon from fruit stones as ibuprofen carrier – encapsulation and *in vitro* release study

Z. L. Yaneva, L. L. Bekirska, N. V. Georgieva, B. K. Derventlieva & I. D. Gandev

11.30 – 11.45 Coffee break

Distribution of extracellular matrix protein laminin in the placenta of *Myotis myotis* (Borkhausen, 1797) (Chiroptera: Vespertilionidae)

E. P. Paksuz & S. Paksuz

Is Kaiserling solution a convenient fixative for mammalian organ specimens? Evaluation of morphometric, colorimetric and volumetric properties

C. Bakici, R. O. Akgün, O. Ekim, Ç. Oto, D. Özen & M. Bilsay

Volumetric and colorimetric evaluation of formalin and Kaiserling fixation methods in domestic avian specimens

R. O. Akgün, C. Bakici, O. Ekim, C. Oto, I. O. Orhan & U. Kaya

Immobilization of brown bears (*Ursus arctos* L.) in Bulgaria

V. Todorov & D. Zlatanova

10.00 – 13.30 TRAKIA HALL

ORAL SESSION 2: CLINICAL SCIENCES

Chairperson: Assoc. Prof. Rumen Binev

Secretary: Asst. Prof. Ivan Fasulkov

Innovative approach to cryopreservation of canine semen

D. Gradinarska & Maria Ivanova

Dorsal pharyngeal collapse in a Thoroughbred filly

S. P. Sabev & D. T. Kanakov

Rostral displacement of the palatopharyngeal arch in a foal – clinical and endoscopic survey

S. P. Sabev & D. T. Kanakov

Intensive care to wild avivorous-carnivorous raptors and seagulls

B. K. Tekelioglu, M. Celik, M. A. Gokce, O. Tasbozan, Y. Uzun, C. Erbas, S. S. Tabakoglu, S. Kandir & L. Celik

Ultrasonographic determination of the gestational age through measurements of some parameters of the fetal heart in Bulgarian local goats

M. Karadaev, I. Fasulkov, N. Vasilev & S. Atanasova

Nuclear morphometry and survival in canine spontaneous cutaneous squamous cell carcinomas

R. S. Simeonov

11.30 – 11.45 Coffee break

Survey on brainstem auditory-evoked responses in dogs with normal hearing

G. V. Terziev

Linear and goniometric measurements in dogs with medial patellar luxation

R. Garkoeva, M. Paskalev, M. Koleva & K. Nedeva

First-service conception rates in anestrus dairy cows after Double-Ovsynch and additional progesterone treatment

G. Naglis, I. Fasulkov, M. Karadaev, R. Vasileva, G. Petrovas & N. Vasilev

Diamond doves – aggressive behaviour during egg incubation

S. Nikolov & B. Murad

10.00 – 13.30 CALISTA GRAND HALL

ORAL SESSION 3: PUBLIC HEALTH

Chairperson: Prof. Alexander Pavlov

Secretary: Dr. Alexandra Daskalova

Detection of *Cryptosporidium* spp. in various foods

F. Y. Eker, T. Kahraman & A. Koluman

Canine papillomatosis: clinical outcome after oral isotherapy, subcutaneous *Tarantula cubensis* venom and oral levamisole-azithromycin treatment

B. K. Tekelioglu, C. Parkan, A. Yilmaz, N. Turan, A. Gurel, K. Berber, D. Hakanir, K. Sonmez, M. Noelle-Issautier & H. Yilmaz

Spread of infection to poultry challenged with *E. coli* K88 and fed different diets

B. Ekim, S. Y. Dogan & C. Ozdemir

Comparative pathomorphological investigations in important gastrointestinal diseases in newborn and growing calves

I. Kalkanov, I. Dinev & P. Iliev

Antibacterial activity of a powder product for floor and litter sanitation in intensive poultry farming

G. Zhelev, I. Lazarov, V. Petrov, K. Koev & M. Lyutskanov

Isolation of methicillin-resistant *Staphylococcus aureus* (MRSA) from bulk tank milk (BTM) of dairy farms in Greece

P. Papadopoulos, A. Angelidis & D. Sergelidis

11.30 – 11.45 Coffee break

Campylobacteriosis (biology of the pathogen, sensitivity to antibacterial drugs)

T. Fotina, A. Berezovskiy, H. Fotina, A. Fotin, Z. Klishova, A. Fotin & O. Kasyanenko

Comparison of haematological, serum biochemical and histopathological changes in sheep liver fluke

E. Xhemollari, L. Dhaskali, E. Dimço & J. Abeshi

Changes in red blood count parameters in New Zealand White rabbits after experimentally induced *Pasteurella multocida* infection

Y. P. Petrova, T. M. Georgieva, I. P. Georgiev, V. S. Petrov, I. I. Kalkanov, M. P. Karadaev & S. H. Stoev

Chicken mite: epidemiological aspects of distribution

A. Berezovskiy, L. Nagorna & T. Fotina

Prevalence of *Listeria monocytogenes* in raw cow milk – a review

D. R. Bangieva & V. N. Rusev

14.30 – 16.30 SOFIA HALL

POSTER SESSION 1: BIOMEDICAL & PRECLINICAL SCIENCES

Chairperson: Assoc. Prof. Rosen Dimitrov

Secretary: Assoc. Prof. Zvezdelina Yaneva

Maternal nutritional metabolic diseases, affect the epigenetics of preimplantation rabbit embryos

D. V. Abadjieva & E. K. Kistanova

Use of dry corn distillers grain with solubles in weaned pig feeding

M. S. Todorova & M. M. Ignatova

Antitumour activity of lipid-lowering drug simvastatin on Graffi myeloid cells

A. Georgieva, V. Uzunova, R. Tzoneva & R. Toshkova

Effect of *Haberlea rhodopensis* oral intake on healthy volunteers

R. Todorova, R. Radev & A. T. Atanasov

Sensitivity of human and rat platelet-rich blood plasma to drugs inhibiting platelet aggregation

A. T. Atanasov, S. Radev & R. T. Todorova

Design of inulin acetates with potential antimicrobial activity

N. T. Petkova, Y. D. Tumbarski, I. I. Ivanov & P. P. Denev

Antimicrobial activity of *Bacillus methylotrophicus* BM47 against *Botrytis cinerea* in different conditions of cultivation

Y. D. Tumbarski

The practice of applying iodine polymer Monclavit-1

A. Kuznetsov, G. Nikitin, K. Rozhkov, A. Belopolsky & I. Lunegova

Use of adaptogen «Energy» in industrial pig breeding

I. Lunegova, A. Kuznetsov & A. Lunegov

Influence of sanitary-hygienic factors on swine resistance and health

*N. Cherniy, A. V. Mitrofanov, A. Mitrofanov, Y. Shchepetilnikov,
Y. Balym & O. Machula*

Influence of immunostimulating preparations on resistance of pigs kept under non-regulated microclimate conditions

N. Cherniy, A. V. Mitrofanov, A. Mitrofanov, Y. Shchepetilnikov, O. Machula & E. Tkachuk

Changes in Δ -desaturation and fatty acid composition in rats chronically treated with sucrose in the drinking water

K. Starčević, N. Filipović, A. Galan, M. Šperanda, M. Didara & T. Mašek

Increasing the adsorption of clinoptilolite as toxin binder by heat treatment

H. M. Eseceli, A. Ozcan, E. Demir & T. Bilal

Ultrastructural peculiarities of Sertoli cells in pig testes

G. Penchev

SEM: Microvascular corrosion casting of the feline myocardium

D. I. Vladova, R. S. Dimitrov, D. L. Kostov, K. D. Stamatova-Yovcheva, D. G. Yovchev & M. G. Stefanov

Age-related light microscopy histometric investigation on bursa of Fabricius in the common bronze turkey (*Meleagris meleagris gallopavo*)

D. S. Dimitrov, G. Penchev, D. Yovchev & K. Stamatova-Yovcheva

Micrometrical study of the oesophageal wall of the wild bronze turkey (*Meleagris gallopavo*)

D. G. Yovchev, G. P. Georgiev & D. S. Dimitrov

Garden valerian (*Valeriana officinalis*) – from sedative drug to a pheromone

B. Murad, P. Vassileva, B. Derventlieva & S. Nikolov

Elaboration of transparent biological specimens for visualisation of developing cartilage and bone structures

N. Tsandev, A. Atanasoff, G. Kostadinov, E. Petrova-Pavlova & I. Stefanov

An alternative method for the preparation and preservation of various insect specimens

O. Ekim, M. Ayvali, C. Bakici, R. O. Akgun, M. Aslan, M. C. Bezgal & A. Atanasoff

EPA and DHA influenced differently the mRNA expression levels of some lipolysis-related factors in subcutaneous and visceral rabbit ADSCs *in vitro*

E. Vachkova, D. Bosnakovski, B. Bjørndal, P. Yonkova, N. Grigorova, Zh. Ivanova, G. Penchev, A. Milanova & I. Penchev Georgiev

14.30 – 16.30 TRAKIA HALL

POSTER SESSION 2: CLINICAL SCIENCES

Chairperson: Assoc. Prof. Stanimir Yотов

Secretary: Asst. Prof. Vanya Marutsova

The influence of the sheep breed on the cryotolerance of spermatozoa

M. N. Andreeva, N. T. Metodiev, T. S. Tsvetkov & R. G. Stefanov

Effect of non-hormonal agents Tribestan and Lactina® on the sexual behaviour and quality of semen in rams during non-breeding season

K. Hristov, P. Parvanov, N. Vasilev, I. Fasulkov & M. Karadaev

Evaluation of dog encephalitis causes with encephalographic findings

Y. Toker, A. Bayrakal, O. Iskefli & A. Akdoğan Kaymaz

Hirudotherapy: a rediscovered alternative therapy technique in human and veterinary medicine

G. Campay, S. Ikiz, Y. Develioglu, G. Kasikci & M. Toparlak

Heavy metal pollution in the view of veterinary public health

N. Sipahi & S. Ikiz

Unusual hyperthermia related to general anaesthesia in an Anatolian Sheep dog

Ö. Güzel, E. Yıldar, B. Karan, D. Aydin & D. S. McKinstry

Investigation on effects of aflatoxin B₁ alone or co-administered with Mycotox NG on the renal function of turkey broilers

J. Valchev, N. Grozeva, D. Kanakov, Ts. Hristov, L. Lazarov, K. Stoyanchev & R. Binev

Investigation on humoral immunity and histopathological changes in the bursa of Fabricius of turkey broilers challenged with aflatoxin b₁ alone or co-administered with Mycotox NG

N. Grozeva, J. Valchev, L. Lazarov, Ts. Hristov, D. Kanakov, K. Stoyanchev & R. Binev

Unilateral ovariocornuectomy – a successful treatment to preserve fertility in bitches with granulosa cell tumour

A. L. Antonov, A. S. Atanasov & R. S. Simeonov

A rare case of galactorrhoea in a domestic tom cat

A. L. Antonov, I. S. Irinkova & S. D. Simeonov

Apocrine gland adenocarcinoma in a dog – a case report

R. S. Simeonov

Proventricular dilatation disease: Anatomical aspects of diagnostics in the domestic canary (*Serinus canaria*)

H. R. Hristov, D. I. Vladova, D. L. Kostov, R. S. Dimitrov, Ts. M. Chaprazov & N. V. Goranov

A case of extreme hypoglycemia in a pregnant bitch

P. Georgiev, A. Antonov, Ts. Ivanova, I. Kalkanov, A. Atanasov, M. Karadaev & I. Dinev

Radiological findings of common dental diseases in dogs and cats

A. Robaj & E. Shabani

Radiological findings of lysosomal enzymes disease in dogs and cats – a review

E. Shabani & A. Robaj

14.30 – 16.30 CALISTA GRAND HALL

POSTER SESSION 3: PUBLIC HEALTH

Chairperson: Assoc. Prof. Valentina Urumova

Secretary: Asst. Prof. Georgi Zhelev

Detection and frequency of hepatitis A and E viruses in mussels collected from the Bosphorus, in Istanbul, Turkey

H. Yilmaz, U. Y. Cizmecigil, E. A. Tarakci, O. Aydin, A. Yilmaz, M. Calicioglu, G. Ciftcioglu, A. Aydin, K. Bostan, T. Sireli, M. Guzel, A. Karakullukcu, B. Kocazeybek, W. H. M. van der Poel, J. A. Richt & N. Turan

Examination of potency of tuberculin purified protein derivatives, produced in Bulgaria

G. P. Hadzhieva, S. D. Hadzhiev & M. G. Bonovska

Recent avian avulavirus 1 outbreaks in Bulgaria

G. Goujgoulova & G. Stoimenov

Pathological observation in pigs naturally infected with

Mycoplasma hyopneumoniae

R. Pepovich, B. Nikolov, K. Hristov & K. Genova

New device for extracting larvae and small nematodes from herbivore's faeces

O. A. Loginova, L. M. Belova & N. A. Gavrilova

New method for larvae and small nematodes immobilisation

O. A. Loginova, L. M. Belova & N. A. Gavrilova

Identification of chlamydial species in small ruminants with ocular infections

O. Danišová, M. Halánová, A. Valenčáková, J. Kalinová, E. Hatalová & L. Čechová

Leptospirosis in Albania in 2015

L. Alla, X. Koleci, E. Abazaj, E. Rogozi & S. Bino

Comparison of haematological and serum biochemical parameters in different liver pathologies

E. Xhemollari, L. Dhaskali, N. Papaioannou, M. Kritsepi, E. Dimço & J. Abeshi

Gastrointestinal helminths of sheep reared in southwest Serbia

J. Pavlović, S. Ivanović, D. Ćirković, M. P. Petrović, V. Caro Petrović, N. Maksimović & D. Ivanovic

Potential antimicrobial activities of *Zostera* spp. from Aegean Sea against *Edwardsiella tarda*

H. F. Yavuzcan, S. Seçer, M. Eryilmaz, S. Özbilgin, B. Ergene, H. C. Tekin & G. S. Işcan

Microbiome: The second brain

J. Kekec, A., S. Ikiz, I. Abas & A. K. Seyyal

The evolution of bacterial identification

B. Maslak, S. Ikiz & A. F. Bagcigil

Phenotypic determination of heavy metal resistance in *E. coli* isolates from bovine faeces

S. Ikiz & N. Sipahi

Evaluation of different anti-rabies conjugates used for rabies diagnosis confirmation

M. A. Dascalu, A. Servat, F. Daraban, E. Velescu & O.-I. Tanase

Two different systems for the isolation of rabies virus in cell cultures

M. A. Dascalu, A. Servat, F. Daraban, E. Velescu & O.-I. Tanase

Effect of temperature and desiccation on some exogenous stages of *Haemonchus contortus*

P. Iliev, P. Prelezov, A. Ivanov, Z. Kirkova & I. Kalkanov

Retrospective analysis on helminthic and protozoan infections in dogs and cats in Bulgaria

P. Iliev, Z. Kirkova, A. Ivanov, P. Prelezov, A. Tonev & I. Kalkanov

Changes in blood lipid profile in rabbits after experimental infection with *Staphylococcus aureus*

T. M. Georgieva, V. Petrov, I. P. Georgiev, D. Zapryanova, L. Lazarov, Ts. Hristov, J. P. Petrova, P. Iliev & F. Ceciliani

Rapid Alert System for Food and Feed notifications referring to food contact materials in 2016

S. Todorova

Availability of residues from veterinary medicinal products, according to the Rapid Alert System for Food and Feed (RASFF) for the period 01.01.2015–31.05.2017

I. Bogoeva

Determination and assessment of the content of collagen in minced meat and meat products offered at the Bulgarian market

G. Kalinova, M. Marinova, P. Mechkarova, D. Mladenova & E. Grigorova

Diagnostics and prevention of linguatulosis in carnivores

L. M. Belova, N. A. Gavrilova, M. S. Petrova & O. A. Loginova

Medications for treatment of pigs with mono- and mixed parasitic infections

M. S. Petrova, L. M. Belova, N. A. Gavrilova, O. A. Loginova & V. A. Shiryaeva

Serological investigation of donkey and mule blood samples for detection of equine hepatitis virus

N. G. Sandey, N. V. Ruseanova, A. G. Rusenov, D. S. Zapryanova, R. N. Vasileva

Academics' views about nature of science in veterinary medicine faculties

S. Ikiz, N. Erzaim, O. S. Irez, O. K. Dogan, N. Fejzic & Z. Herulaj-Musli

As a stranger, why Istanbul University for PhD

G. Petrovas

19.00 GALA DINNER, Calista Grand Hall

The tickets for coffee breaks, lunch, welcome cocktail and gala dinner will be received during registration. There is an option for paid consumption as well

