



**20TH ESVCP-ECVCP
MEETING**

**CONFERENCE
TIMETABLE**

WEDNESDAY, October 17th

Pre-Congress Day | Aristotle B

09:00
12:00

Toxicologic Clinical Pathology - Part 1

Chair: Peter O'Brien

Interpretation of pre-clinical, toxicity study findings

Peter Cotton¹, Ian Roman², Jo Harding³, Peter O'Brien⁴

¹Clinical Pathology Laboratory Manager, AstraZeneca, UK

²Head of Clinical Pathology and Diagnostics Department, Glaxo SmithKline, UK

³Project Toxicologist, AstraZeneca, UK

⁴DipECVCP, School of Veterinary Medicine, University College Dublin, Ireland

12:00
13:00

Lunch Break

13:00
16:00

Toxicologic Clinical Pathology - Part 2

Chair: Peter O'Brien

Morphologic, haematotoxicity findings in pre-clinical toxicity studies

Cliff Smith¹, Michael Burgess-Wilson²

¹Head of Hematology, Covance Laboratories, UK

²Hematology, Principal Scientist, Envigo, UK

THURSDAY, October 18th

Erection

09:00
10:00

Chair: Mathios Mylonakis

Canine and feline babesiosis

Laia Solano-Gallego¹, DVM, PhD. Dipl. ECVCP

Gad Baneth², DVM, PhD. Dipl. ECVCP

¹Departament de Medicina i Cirurgia Animals, Facultat de Veterinària, Universitat Autònoma de Barcelona, Bellaterra, Spain

²Koret School of Veterinary Medicine, Hebrew University, Israel

10:00
10:45

Chair: Mathios Mylonakis

Canine and feline relapsing fever borreliosis

Gad Baneth, DVM, PhD. Dipl. ECVCP

Koret School of Veterinary Medicine, Hebrew University, Israel

10:45
11:15

Coffee Break

11:15
12:00

Chair: Zoe Polizopoulou

Clinicopathologic aspects of canine monocytic ehrlichiosis (Ehrlichia canis): diagnostic implications

Mathios Mylonakis, Associate professor

School of Veterinary Medicine, Faculty of Health Sciences, Aristotle University of Thessaloniki, Greece

12:00
12:45

Chair: Zoe Polizopoulou

Canine rickettsiosis

Laia Solano-Gallego, DVM, PhD. Dipl. ECVCP

Departament de Medicina i Cirurgia Animals, Facultat de Veterinària, Universitat Autònoma de Barcelona, Bellaterra, Spain

12:45
14:15

Lunch Break

14:15
15:15

Chair: Labrina Athanasiou

Canine and feline leishmaniosis

Laia Solano-Gallego¹, DVM, PhD. Dipl. ECVCP

Gad Baneth², DVM, PhD. Dipl. ECVCP

¹Departament de Medicina i Cirurgia Animals, Facultat de Veterinària, Universitat Autònoma de Barcelona, Bellaterra, Spain

²Koret School of Veterinary Medicine, Hebrew University, Israel

15:15
15:45

Coffee Break

15:45
16:30

Chair: Ernst Leidinger

Hereditary immunodeficiencies and infectious diseases

Urs Giger, *Dipl. ECVCP (Clinical Pathology)*

Section of Medical Genetics, School of Veterinary Medicine, University of Pennsylvania, Philadelphia, USA

16:45
18:00

ECVCP AGM

THURSDAY, October 18th

Aristotle B

09:00
10:45

Free communications

Chair: TBA

Iron status, inflammatory and oxidative blood markers in black and white European captive rhinoceroses

Hanae Pouillevet, *DVM*¹, Nicolas Soetart, *DVM*^{1*}, *DVM*, Rudy Wedlarski, *DVM*², Laetitia Jaillardon, *DVM, PhD, Dipl ECVCP*¹

¹*Oniris Nantes-Atlantic National College of Veterinary Medicine, LabOniris-LDHVet, Nantes Cedex 3, France*

²*Bioparc de Doué-La-Fontaine, Doué-la-Fontaine, France*

Morphologic evaluation of bone marrow aspirates from Hispaniolan Amazon parrots (*Amazona ventralis*)

Diana Schwartz¹, David Sanchez-Migallon Guzman², Hugues Beaufre³, Melanie Ammersbach⁴, Joanne Paul-Murphy², Thomas N. Tully Jr.⁵, Mary M. Christopher¹

¹*Department of Pathology, Microbiology and Immunology1 and Department of Medicine and Epidemiology,*

²*School of Veterinary Medicine, University of California-Davis, Davis, CA, USA*

³*Department of Clinical Studies, Ontario Veterinary College, University of Guelph, Guelph, Canada*

⁴*Antech Diagnostics Canada, Toronto, Canada*

⁵*Department of Veterinary Clinical Sciences, School of Veterinary Medicine, Louisiana State University, Baton Rouge, LA, USA*

Feline refractometers systematically underestimate urine specific gravity

Lilliehöök I¹, Näsholm M², Tvedten HW³

¹Dept of Clinical Sciences

²Veterinary student

³Clinical Pathology Laboratory, Swedish University of Agricultural Sciences, Uppsala, Sweden

Investigation of the status quo for veterinary point of care (POC) laboratories in Switzerland: availability, application and quality management

Rebeka Zahnd, Barbara Riond, Regina Hofmann-Lehmann, Martina Stirn

Clinical Laboratory, Vetsuisse Faculty, University of Zurich, Switzerland

Inter-instrumental comparisons between hematology analyzers in Japan

Sakurako Neo¹, Daigo Azakami², Kaori Ide³, Haruhiko Maruyama⁴, Tomohiro Yonezawa⁵, Toshiro Arai⁶

¹Laboratory of Small Animal Internal Medicine, Veterinary School, Azabu University, Kanagawa, Japan

²Department of Veterinary Nursing and Technology, School of Veterinary Medicine, Nippon Veterinary and Life Science University, Tokyo, Japan

³Laboratory of Veterinary Internal Medicine, Tokyo University of Agriculture and Technology, Tokyo, Japan

⁴Laboratory of Veterinary Pathobiology, Department of Veterinary Medicine, Nihon University, Kanagawa, Japan

⁵Department of Veterinary Clinical Pathobiology, Graduate School of Life Science and Agriculture, The University of Tokyo, Tokyo, Japan

⁶Department of Veterinary Biochemistry, School of Veterinary Medicine, Nippon Veterinary and Life Science University, Tokyo, Japan

Tools to facilitate learning and teaching of veterinary clinical pathology

Strahinja Medić¹, Kathleen P. Freeman²

¹Vetlab doo, Belgrade, Serbia

²Rynachulaig Farm, Killin, Perthshire, United Kingdom

10:45
11:15

Coffee Break

11:15
12:00

Toxicologic Clinical Pathology

Chair: Peter O'Brien

Haematotoxicity

Peter Cotton

Clinical Pathology Laboratory Manager, AstraZeneca, UK

12:00
12:45

Toxicologic Clinical Pathology

Chair: Peter Cotton

In vitro to in vivo predictive toxicology: Myelo-, hepato- and cardiotoxicity

Jo Harding¹, Peter O'Brien²

¹Project Toxicologist, AstraZeneca, UK

²DipECVCP, School of Veterinary Medicine, University College Dublin, Ireland

12:45
14:15

Lunch Break

14:15
15:15

Chair: Peter Cotton

Regulatory validation

Michael Burgess-Wilson¹, Ian Roman²

¹Hematology, Principal Scientist, Envigo, UK

²Head of Clinical Pathology and Diagnostics Department, Glaxo SmithKline, UK

15:15
15:45

Coffee Break

15:45
16:30

Chair: Peter Cotton

Immunotoxicology

Brenda Finney

Biological Sciences Department Principal Scientist, Sequani, UK

FRIDAY, October 19th

Erection

09:00
09:45

Chair: Rania Farmaki
Canine angiostrongylosis

Smaro Sotiraki, DipEVPC
Senior researcher, Veterinary Research Institute, Greek Agricultural Organization "Demeter", Thessaloniki, Greece

09:45
10:30

Chair: Rania Farmaki
Bovine respiratory disease and BVD diagnosis

Paul Burr
Biobest Laboratories, The Edinburgh Technopole, Penicuik, UK

10:30
11:00

Coffee Break & Poster Session

11:00
11:45

Chair: Kostas Papasouliotis
Mycobacterial infections

Paul Burr
Biobest Laboratories, The Edinburgh Technopole, Penicuik, UK

11:45
12:30

Chair: Kostas Papasouliotis
Canine dirofilariosis

Smaro Sotiraki, DipEVPC, Senior researcher
Veterinary Research Institute, Greek Agricultural Organization "Demeter", Thessaloniki, Greece

12:30
14:00

Lunch Break

14:00
14:45

Chair: Emma Hooijberg
Feline infectious peritonitis

Alessia Giordano, DipECVCP
Department of Veterinary Science and Public Health, University of Milan, Italy

14:45
15:30

Chair: Emma Hooijberg
Cytology diagnosis in cutaneous skin infections

Rania Farmaki, DipECVD
School of Veterinary Medicine, Faculty of Health Sciences, Aristotle University of Thessaloniki, Greece

15:30
16:00

Coffee Break & Poster Session

16:00
16:45

Chair: Alessia Giordano
Feline haemoplasmosis

Kostas Papisoulitis

IDEXX Laboratories Ltd, Grange house, Sandbeck Way, Wetherby, West Yorkshire, England, UK

17:00
18:00

ESVCP AGM

FRIDAY, October 19th

Aristotle B

09:00
10:30

Free communications

Chair: Serafeim Chaintoutis

Comparison of different tissue specimens and PCR assays for the diagnosis of canine Ehrlichia canis infection

K. Theodorou¹, V.I. Siarkou², L. Leontides³, S. Harrus⁴, M.E. Mylonakis¹

¹Clinic of Companion Animal Medicine, School of Veterinary Medicine, Faculty of Health Sciences, Aristotle University of Thessaloniki, Thessaloniki, Greece

²Laboratory of Microbiology and Infectious Diseases, School of Veterinary Medicine, Faculty of Health Sciences, Aristotle University of Thessaloniki, Thessaloniki, Greece

³Department of Epidemiology, Biostatistics and Animal Health Economics, School of Veterinary Medicine, Faculty of Health Sciences, University of Thessaly, Karditsa, Greece

⁴Koret School of Veterinary Medicine, The Hebrew University of Jerusalem, Israel

Identifying reservoirs of antimicrobial resistance in faecal microbiota using high resolution chromosome conformation capture

Iain R L Kean, Srishti Gupta, Lajos Kalmar, Liz Lay, Ruby Coates, Andrew J Grant, Mark A Holmes

Department of Veterinary Medicine, University of Cambridge, Cambridge, United Kingdom

Rate of Leishmania infantum infection based on serology, blood pcr and parasite specific interferon-gamma in cats and dogs living in the same area of south of Spain (Cordoba)

V. Priolo¹, P. Martinez-Orellana², A. Raya- Bermúdez³, F. Bruno⁴, M.G. Pennisi¹, L. Solano-Gallego²

¹Dipartimento di Scienze Veterinarie, Università di Messina, Messina, Italy

²Departament de Medicina i Cirurgia Animals, Facultat de Veterinària, Universitat Autònoma de Barcelona, Bellaterra, Barcelona, Spain

³*Departamento de Medicina y Cirugía Animal, Facultad de Veterinaria, Universidad de Córdoba, Córdoba, Spain*

⁴*Centro di Referenza Nazionale per la Leishmaniosi (CReNaL), Istituto Zooprofilattico Sperimentale della Sicilia "A. Mirri", Palermo, Italy*

Serological evaluation of associations between canine leishmaniosis and multiple vector-borne co-infections: a prospective case-control study

Charalampos Attipa^{1,2,3}, Laia Solano-Gallego⁴, Christian M. Leutenegger⁵, Kostas Papasoulitis¹, Francesca Soutter³, Scott Carver⁶, Jesse S. Buch⁷, Séverine Tasker^{1,8}

¹*Molecular Diagnostic Unit, Diagnostic Laboratories, Langford Vets, University of Bristol, Bristol, UK*

²*Cyvets Veterinary Center, Paphos, Cyprus*

³*Department of Pathology and Pathogen Biology, Royal Veterinary College, Hertfordshire, UK*

⁴*Departament de Medicina i Cirurgia Animal, Facultat de Veterinària, Universitat Autònoma de Barcelona, Spain*

⁵*IDEXX Laboratories, Inc. West Sacramento, USA*

⁶*Department of Biological Sciences, University of Tasmania, Tasmania, Australia*

⁷*IDEXX Laboratories, Inc. Maine, USA*

⁸*Bristol Veterinary School, University of Bristol, Langford, UK*

Clonality testing in dogs with lymphadenomegaly due to Leishmania infantum infection

Antonio Melendez-Lazo^{1,2}, Anne Katherine Jasensky¹, Ico Thais Jolly Frahija³, Alexandra Kehl², Elisabeth Müller², Ignacio Mesa³

¹*LABOKLIN GmbH & Co. KG Labor für klinische Diagnostik*

²*Laboratorio Veterinario LABOKLIN*

³*Hospital Veterinario Valencia Sur*

**10:30
11:00**

Coffee Break & Poster Session

11:00
12:30

Free communications

Chair: Dimitra Pardali

Evaluation of red blood cell distribution width in dogs with hypothyroidism

Martinez C.¹, Sabater M.², O'Neill E.J.¹, Shiel R.¹, Mooney C.T.¹

¹University College Dublin, Ireland

²ExoticVets Valencia, Spain

Homeostasis model assessment and its relation to body fat in cats

Emma M. Strage^{1,2}, Charles J. Ley^{1,2}, Malin Öhlund¹, Sarah Stadig¹, Anna Bergh¹, Cecilia Ley³

¹Department of Clinical Sciences

²University Animal Hospital

³Department of Biomedical Sciences and Veterinary Public Health, Swedish University of Agricultural Sciences, Uppsala, Sweden

Clinical and biological follow-up of canine primary hypothyroidism secondary to immune-mediated thyroiditis: an observational cohort study of 68 dogs

Soetart N., Delaunay M., Jaillardon L.

Laboniris-LDHVet, Oniris, National College of Veterinary Medicine, Food Science and Engineering, Nantes, France

Cardiac myocyte injury is correlated with the degree of the consumptive coagulopathy present in dogs with Babesia rossi infection

Amelia Goddard, Johan P. Schoeman

Department of Companion Animal Clinical Studies, Faculty of Veterinary Science, University of Pretoria, Pretoria, South Africa

The acute phase response in healthy and injured southern white rhinoceros (*Ceratotherium simum simum*)

EH. Hooijberg¹, C. Cray², G. Steenkamp¹, P. Buss³, A. Goddard¹, .M. Miller⁴

¹Department of Companion Animal Clinical Studies & Centre for Veterinary Wildlife Studies, Faculty of Veterinary Science, University of Pretoria, South Africa

²Department of Pathology & Laboratory Medicine, University of Miami Miller School of Medicine, Florida, USA

³Veterinary Wildlife Services, South African National Parks, Kruger National Park, Skukuza, South Africa

⁴Department of Science and Technology/National Research Foundation Centre of Excellence for Biomedical TB Research/Medical Research Council Centre for Tuberculosis Research, Division of Molecular Biology and Human Genetics, Faculty of Medicine and Health Sciences, Stellenbosch University, South Africa

12:30
14:00

Lunch Break

SATURDAY, October 20th

CASE SESSION | Erechthion

Chair: Harold Tvedten

09:00 Introduction

09:05 **Case 1** | Approach to diagnosis of defects in erythrocyte metabolism including a case of Heinz body anemia in a horse
J. Harvey

10:00 **Case 2** | Splenic aspirates from a dog with azotemia
I. Oikonomidis

10:15 **Case 3** | Aqueous humor from a dog
H. Ferreira

10:30 **Case 4** | Coelomic fluid from a chicken
K. Irvine

10:45 **Case 5** | Pericardial fluid from a cat
S. Evans

11:00 **Case 6** | Sysmex scattergram in a cat
T. Lavabre

11:15 **Case 7** | Peripheral nucleated red blood cells in a cat
L. Magna

11:30 **Case 8** | Mandibular lymph node enlargement and lymphocytosis in a Shih tzu
S. Bernardi

11:45 **Case 9** | Large subcutaneous tumour in a roe deer
A. Penrose

12:00
12:30 Light Lunch

12:30
14:00 **Mystery Slide Session**

Chair: Carlo Masserdotti

SATURDAY, October 20th

Aristotle B

09:00
10:30

Free communications

Chair: Panagiotis Katsoulos

Flow cytometric approach to non-hematopoietic cells in canine cavity effusion

Maverick Melega, Majlind Sulce, Barbara Miniscalco, Fulvio Riondato

Department of Veterinary Sciences, University of Turin, Grugliasco, Italy

Hemostatic parameters in preterm and full-term pigs of identical postnatal age

Anne Kirstine Havnsøe Krogh^{1*}, Anders Brunse^{2*}, Thomas Thymann², Louise Bochsén¹, Annemarie T. Kristensen¹

** shared first authorship*

¹*Department of Veterinary Clinical Sciences, Faculty of Health and Medical Sciences, University of Copenhagen, Denmark*

²*Department of Veterinary and Animal Sciences, Faculty of Health and Medical Sciences, University of Copenhagen, Denmark*

A peculiar nuclear morphological alteration of canine neutrophils

Stranieri Angelica, Cancelli Irene, Paltrinieri Saverio

Department of Veterinary Medicine, University of Milan, Milan, Italy

Evaluation of a cytological grading system for cutaneous and subcutaneous soft tissue sarcomas (STS) in dogs

S. Sanchez Redondo, CHZ. Hare, TL. Williams

University of Cambridge, UK

10:30
12:00

Chair: Zoe Polizopoulou

Canine and feline blood types, crossmatches and transfusion reactions

Urs Giger, *Dipl. ECVCP (Clinical Pathology)*

Section of Medical Genetics, School of Veterinary Medicine, University of Pennsylvania, Philadelphia, USA

End of Congress - Closing remarks

POSTER PRESENTATIONS

P01 Serum protein electrophoretic profile of diarrheic neonatal calves

L.V. Athanasiou¹, P.D. Katsoulos², C. Ziogas¹, Z.S. Polizopoulou³

¹Department of Medicine, Faculty of Veterinary Medicine, School of Health Sciences, University of Thessaly, Karditsa, Greece

²Clinic of Farm Animals, School of Veterinary Medicine, Faculty of Health Sciences, Aristotle University of Thessaloniki, Thessaloniki, Greece

³Diagnostic Laboratory, School of Veterinary Medicine, Faculty of Health Sciences, Aristotle University of Thessaloniki, Thessaloniki, Greece

P02 Evaluation of hematology, clinical chemistry and bone marrow parameters in sheep herds

Peter Vajdovich¹, Bernadett Szabó²

¹Department of Clinical Pathology and Oncology, University of Veterinary Medicine, Budapest, Hungary

²Veterinary Hematology and Oncology Centre, Budapest, Hungary

P03 Comparison of two white blood cell counting methods in parrot blood samples

Vajdovich P¹, Pazár Péter², László Zsófia¹

¹Department of Clinical Pathology and Oncology, University of Veterinary Medicine, Budapest, Hungary

²Department of Exotic Animal and Wildlife Medicine, University of Veterinary Medicine, Budapest, Hungary

P04 Correlation of a quantitative and a semiquantitative method for proteinuria detection in dogs with chronic kidney disease

R. Baka¹, C. Koutinas², L. Athanasiou³, Z. Polizopoulou¹

¹Diagnostic Laboratory, Faculty of Veterinary Medicine, School of Health Sciences, Aristotle University of Thessaloniki, Thessaloniki, Greece

²Clinic of Companion Animals, Faculty of Veterinary Medicine, School of Health Sciences, Aristotle University of Thessaloniki, Thessaloniki, Greece

³Department of Medicine, Faculty of Veterinary Medicine, University of Thessaly, Karditsa, Greece

P05 Effect of season on selected hematologic, biochemical, and hormonal analytes in adult rams

I.L. Oikonomidis^{1,2}, E. Kiossis³, C. Brozos³, M. Kritsepi-Konstantinou¹

¹Diagnostic Laboratory, School of Veterinary Medicine, Faculty of Health Sciences, Aristotle University of Thessaloniki, Thessaloniki, Greece

²Easter Bush Pathology, The Royal (Dick) School of Veterinary Studies and The Roslin Institute, The University of Edinburgh, Easter Bush, UK

³Farm Animal Clinic, School of Veterinary Medicine, Faculty of Health Sciences, Aristotle University of Thessaloniki, Thessaloniki, Greece

P06 Radial immunodiffusion should not be used to monitor serum m-protein concentration in canine patients with paraproteinemia

A. Russell Moore, Adam Duggar Harris

Department of Microbiology, Immunology and Pathology, Colorado State University, Fort Collins, CO, USA

P07 First molecular detection of Babesia gibsoni in dogs from Hungary and Austria. Case series with clinicopathological data with breed predilection

Nándor Balogh¹, Judit Csöndes¹, Viktória Kunos¹, Gyula Rabnecz¹, Balzer Joerg², Pantchev Nikola², Sándor Hajdú³, Gábor Varjú³, Péter Balogh³, Katalin Kardos³, Péter Egerszegi³, Gábor Erdélyi³, Katalin Hermándy-Berencz³, Ákos Máthé⁴

¹*PraxisLab Kft. Private Veterinary Laboratory, Budapest, Hungary*

²*IDEXX-VetMedLabor Ludwigsburg, Germany*

³*Private veterinary practices, Hungary*

⁴*University of Veterinary Science, Budapest, Hungary*

P08 Characterization of healthy cattle urinalysis and determination of urine protein to creatinine ratio reference interval

N. Herman¹, N. Bourgès-Abella², J.P. Braun¹, C. Ancel¹, F. Schelcher³, C. Trumel²

¹*Ecole Nationale Vétérinaire de Toulouse, Université de Toulouse, France*

²*CREFRE, Université de Toulouse, INSERM, UPS, ENVT, Toulouse, France*

³*IHAP, Université de Toulouse*

P09 Implementing the molecular diagnosis of canine degenerative myelopathy

Rodrigues, A.C.¹, Fernandes, L.¹, Gomes, A.¹, Martins A.², Pomba, C.^{1,3}

¹*Genevet, Laboratório de Diagnóstico Molecular Veterinário, Lisboa, Portugal*

²*Hospital Veterinário da Arrábida, Azeitão, Portugal*

³*CIISA, Faculdade de Medicina Veterinária (FMV), Universidade de Lisboa (ULisboa), Lisboa, Portugal*

P10 Frequency of the genetic mutation responsible for polycystic kidney disease in persian cats in Portugal

Rodrigues, A.C.¹, Fernandes, L.¹, Gomes, A.¹, Pomba, C.^{1,2}

¹*Genevet, Laboratório de Diagnóstico Molecular Veterinário, Lisboa, Portugal*

²*CIISA, Faculdade de Medicina Veterinária (FMV), Universidade de Lisboa (ULisboa), Lisboa, Portugal*

- P11** Separation of different canine hemoglobin fractions by a new automated capillary electrophoresis assay: validation, reference intervals and comparison between healthy and anemic dogs
I.L. Oikonomidis^{1,2}, T.K. Tsouloufi¹, M.E. Mylonakis³, M. Kritsepi-Konstantinou¹
¹*Diagnostic Laboratory, School of Veterinary Medicine, Faculty of Health Sciences, Aristotle University of Thessaloniki, Thessaloniki, Greece*
²*Easter Bush Pathology, The Royal (Dick) School of Veterinary Studies and The Roslin Institute, The University of Edinburgh, Easter Bush, UK*
³*Clinic of Companion Animal Medicine, School of Veterinary Medicine, Faculty of Health Sciences, Aristotle University of Thessaloniki, Thessaloniki, Greece*
- P12** Candidatus *Rickettsia barbariae* detected in *Amblyomma variegatum* from Principe Island, Sao Tome and Principe
Patrícia Barradas¹, Lara Baptista¹, Pablo Puente- Payo¹, Paula Ferreira¹, Fátima Gärtner¹, Rita de Sousa²
¹*ICBAS-UP*
²*INSA*
- P13** Paratuberculosis in a domestic dog in south africa
Michele A. Miller¹, Sewellyn C. Davey², Lesley S. van Helden², Frank Kettner³, Sandy M. Weltan⁴, Rick Last⁴, John D. Grewar², Louise Botha¹, Paul D. van Helden¹
¹*DST NRF Centre of Excellence for Biomedical Tuberculosis Research, South African Medical Research Council Centre for Tuberculosis Research, Division of Molecular Biology and Human Genetics, Stellenbosch University, South Africa.*
²*Department of Agriculture, Western Cape Veterinary Services, South Africa*
³*Tygerberg Animal Hospital, Bellville, South Africa*
⁴*Vet Diagnostix Cape Town, Bellville, South Africa*
- P14** Inflammatory rectal polyp with osseous metaplasia in a nine-year-old british cat
Lisitskaya Ksenia¹, Gaidarenko Elena², Novikov Alexei²
¹*Veterinary clinic Biocontrol, Moscow, Russia*
²*Veterinary clinic Vega, Saint-Petersburg, Russia*
- P15** Validation of a particle enhanced turbidimetric immunoassay for measurement of cystatin c in canine serum and the association between cystatin c and glomerular filtration rate in dogs
Ulrika Falkenö¹, Anna Hillström¹, Ingrid Ljungvall², Jens Häggström², Lena Pelander²
¹*Clinical Pathology Laboratory, University Animal Hospital, Swedish University of Agricultural Sciences, Uppsala, Sweden*
²*Department of Clinical Sciences, Swedish University of Agricultural Sciences, Uppsala, Sweden*

- P16** **Concordance between three potential urinary markers of tubular damage in dogs, in the absence of a gold standard test**
Saverio Paltrinieri^{1,2}, Gabriele Rossi^{1,3}, Iliaria Lippi⁴, Francesca Perondi⁴, Grazia Guidi⁴, Fabrizio Ibba^{1,5}, Paola Scarpa^{1,2}
¹Department of Veterinary Medicine, University of Milan, Italy
²Veterinary Teaching Hospital, University of Milan, Italy
³College of Veterinary Medicine, School of Veterinary and Life Science, Murdoch University, Western Australia
⁴Department of Veterinary Science, University of Pisa
⁵Veterinary Clinic Poggio dei Pini, Capoterra, Cagliari, Italy
- P17** **Validation of the stago STA R Max[®] coagulation analyzer in the laboratory rat**
Defontis M., Reiniche A., Berthoud C., Demonaz A.
Charles River Laboratories, Safety Assessment, Les Oncins, Saint Germain Nuelles, France
- P18** **Influence of regular exercise practice on haematology of obese dogs**
Willian Kaida de Almeida, Thais Alessandra dos Santos, Fernanda Cristina Basso, Mariangela Lovatel, Mere Erika Saito, Leticia Andreza Yonezawa
Centre of Agroveterinary Sciences, Santa Catarina State University (UDESC), Lages, SC, Brazil
- P19** **Serum biochemistry of obese dogs submitted to regular exercise**
Willian Kaida de Almeida, Thais Alessandra dos Santos, Fernanda Cristina Basso, Ana Cristina Dalmina, Mere Erika Saito, Leticia Andreza Yonezawa
Centre of Agroveterinary Sciences, Santa Catarina State University (UDESC), Lages, SC, Brazil
- P20** **In vitro platelet aggregation to demonstrate the influence of anti-drug antibodies on non human-primate platelets**
F. Poitout-Belissent
Charles River Laboratories, Montréal, Canada
- P21** **Acute phase response in *B. Canis* infection: correlation of fibrinogen values with blood cell counts**
Milica Kovačević Filipović¹, Kristina Spariosu¹, Filip Janjić¹, Vladimir Radonjić², Andjelo Beletić³
¹Faculty of Veterinary Medicine, University of Belgrade, Belgrade, Serbia
²Small animal private practice "Petrovac", Belgrade, Serbia
³Center for Medical Biochemistry, Clinical Center of Serbia, Belgrade, Serbia
- P22** **Clinical and clinico-pathological alterations may help in the diagnosis of primary and secondary immune-mediated thrombocytopenia?**
Gavazza A¹, Comassi G², Tapinassi E², Medina-Valentin AA², Simcic P², Lubas G²
¹School of Biosciences and Veterinary Medicine, University of Camerino (MC), Italy
²Department of Veterinary Sciences, University of Pisa, Italy

- P23** **A case of leukemia in a bearded dragon (*Pogona Vitticeps*)**
Gavazza A¹, Galosi L¹, Croce V², Croce A², Genovese C², Cerquetella M¹, Rossi G¹
¹*School of Biosciences and Veterinary Medicine, University of Camerino, Italy*
²*Private Croce Veterinary Clinic, Rome, Italy*
- P24** **Using convolutional neural networks for determining reticulocyte percentage in cats**
Krunoslav Vinicki¹, Pierluigi Ferrari², Romana Turk¹, Maja Belić¹
¹*Department of Pathophysiology, Veterinary Faculty, University of Zagreb, Zagreb, Croatia*
²*Department of Mathematics, Technical University of Berlin, Berlin, Germany*
- P25** **A pilot study on the predictive value of microalbuminuria in puppies with canine parvoviral enteritis**
I.L. Oikonomidis¹, N. Soubasis², J.J. Ceron³, K. Theodorou², T. Rallis², Z. Polizopoulou¹
¹*Diagnostic Laboratory, School of Veterinary Medicine, Faculty of Health Sciences, Aristotle University of Thessaloniki, Thessaloniki, Greece*
²*Companion Animal Clinic, School of Veterinary Medicine, Faculty of Health Sciences, Aristotle University of Thessaloniki, Thessaloniki, Greece*
³*Interdisciplinary laboratory of clinical analysis, Campus Mare Nostrum, University of Murcia, Spain*
- P26** **Unusual transformation of *Leishmania* spp. amastigotes to promastigotes in bone marrow sample**
Carolina Rodríguez-Cariño¹, Javier López-Loarte², Daniel Mari-Martorell³ and Leticia Hernández-Martínez³
¹*Anatomic Pathologist Service*
²*Laboratory Manager-Lab Operations*
³*Medical Consultant Service IDEXX laboratories, Spain*
- P27** **Clinical and pathological features of mycobacteriosis in fish: a review**
Claudio Pigoli¹, Lucia Rita Gibelli², Cristian Salogni², Veronica Paciletti³, Gabriele Ghisleni¹, Mario Caniatti¹
¹*Department of Veterinary Medicine, University of Milan, Italy*
²*Istituto Zooprofilattico Sperimentale della Lombardia e dell'Emilia Romagna (IZSLER), Italy*
³*Clinica Veterinaria Castronno, Castronno, Italy*
- P28** **Which is the best immunocytochemistry method in the diagnosis of lymphoma: cell block or cytological smears?**
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P29 Breed variation in frequency of canine anti-mouse antibodies

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P30 Oral scrub from a *Frucifer Pardalis* with oral plaques

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P31 Canine keloidal fibrosarcoma: two case reports and review of the literature

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P32 Factor vii-activating protease (fsap) activation in dogs envenomated by the european adder (*Vipera berus*)

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P33 Proteomics of host response to zoonotic infection in cows that aborted

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P34 Urine phoretic patterns in healthy dogs by capillary electrophoresis

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P35 Automated measurement of reticulated platelets in dogs using the idexx procyte dx compared to flow cytometry; reference values for procyte dx

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P36 Immunohistochemical characterization of a malignant peripheral nerve sheath tumor in a dog

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P37 Effects of propofol and carprofen on platelet aggregation and Kaolin-activated thromboelastography in dogs undergoing arthroscopic surgery

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P38 Evaluation of hematological changes in layer chickens after vaccination and challenge with E.coli

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P39 Urine protein to creatinine ratio in cattle with subclinical kidney disease

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