

## Wednesday, November 6

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|----------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|
| <b>08:30 - 09:00</b> | <b>Registration</b>                                                                                                                                                 |                                                                                       |
|                      | <b>Clinical pathology of small mammals and exotic animals</b>                                                                                                       | <b>Estrel Saal A</b>                                                                  |
|                      | <b>Chair: Stefano Comazzi</b>                                                                                                                                       |                                                                                       |
| 09:00 - 09:45        | Hematology of rabbits and rodents                                                                                                                                   | Kerstin Müller, Berlin (G)                                                            |
| 09:45 - 10:30        | Laboratory diagnostics in birds - an update                                                                                                                         | Volker Schmidt, Leipzig (G)                                                           |
| <b>10:30 - 11:00</b> | <b>Break</b>                                                                                                                                                        |                                                                                       |
| 11:00 - 11:45        | Laboratory diagnostics in reptiles - an update                                                                                                                      | Volker Schmidt, Leipzig (G)                                                           |
| 11:45 - 12:30        | Endocrine diseases and their diagnosis in small mammals                                                                                                             | Frank Künzel, Vienna (A)                                                              |
| <b>12:30 - 14:00</b> | <b>Break</b>                                                                                                                                                        |                                                                                       |
|                      | <b>Clinical pathology of small mammals and exotic animals</b>                                                                                                       | <b>Estrel Saal A</b>                                                                  |
|                      | <b>Chair: Kate English</b>                                                                                                                                          |                                                                                       |
| 14:00 - 14:45        | Cytology of small mammals and exotic animals                                                                                                                        | Harold Tvedten, Uppsala (S)                                                           |
|                      | <b>Scientific communication</b>                                                                                                                                     |                                                                                       |
| 14:45 - 15:00        | Diagnostic accuracy for regenerative anemia of reticulocyte parameters in cats                                                                                      | Saverio Paltrinieri, Milan (I)                                                        |
| 15:00 - 15:15        | High diagnostic accuracy of the Sysmex XT 2000iv delta WBC on effusions for feline infectious peritonitis                                                           | Alessia Giordano, Milan (I)                                                           |
| 15:15 - 15:30        | Evaluation of the HemoFAXS automated digital white blood cell differentiation system for its use in the canine species                                              | Barbara Riond, Zürich (CH)                                                            |
| <b>15:30 - 16:15</b> | <b>Break</b>                                                                                                                                                        |                                                                                       |
| 16:15 - 16:30        | Inflammatory profiling for detecting systemic inflammation in horses                                                                                                | Emma Hooijberg, Vienna (A)                                                            |
| 16:30 - 16:45        | Validation of automated spectrophotometric assays for total antioxidant capacity (tac), total oxidant status (tos) and paraoxonase type-1 (pon1) analysis in horses | Tatiana d.S. Barbosa, Marilia (BR)                                                    |
| <b>17:15</b>         | <b>VCP board meeting (only for member)</b>                                                                                                                          | <b>ECC room 30210</b>                                                                 |
| <b>19:30</b>         | <b>Welcome Reception</b>                                                                                                                                            | <b>Foyer Estrel Saal</b>                                                              |
|                      |                                                                                                                                                                     |  |

## Wednesday, November 6

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|----------------------|----------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|
| <b>08:30 - 09:00</b> | <b>Registration</b>                                                                                                              |                                                                                       |
|                      | <b>Biomarker and Cytokines</b>                                                                                                   | <b>Estrel Saal B</b>                                                                  |
|                      | <b>Chair: Mark Pinches</b>                                                                                                       |                                                                                       |
| 09:00 - 09:45        | Role of proinflammatory and anti-inflammatory cytokines in small animal diagnostics                                              | Lisa Rancan, Madrid (E)                                                               |
| 09:45 - 10:30        | Acute phase proteins – an update                                                                                                 | David Eckersall, Glasgow (UK)                                                         |
| <b>10:30 - 11:00</b> | <b>Break</b>                                                                                                                     |                                                                                       |
| 11:00 - 11:45        | Biomarkers in small animal cardiology                                                                                            | Ingrid Ljungvall, Uppsala (S)                                                         |
| 11:45 - 12:30        | Biomarker in small animal oncology – what's new?                                                                                 | Melanie Wergin, Munich (G)                                                            |
| <b>12:30 - 14:00</b> | <b>Break</b>                                                                                                                     |                                                                                       |
|                      | <b>Biomarker and Cytokines</b>                                                                                                   | <b>Estrel Saal B</b>                                                                  |
|                      | <b>Chair: Jose Ceron</b>                                                                                                         |                                                                                       |
| 14:00 - 14:45        | Biomarker in degenerative diseases with focus on oxidative stress                                                                | Hanna Plickert, Vienna (A)                                                            |
| 14:45 - 15:30        | Adipokines: biological and analytic principles                                                                                   | M. Judith Radin, Columbus (USA)                                                       |
| <b>15:30 - 16:00</b> | <b>Break</b>                                                                                                                     |                                                                                       |
|                      | <b>Scientific communication</b>                                                                                                  |                                                                                       |
| 16:00 - 16:15        | Evaluation of selected cytokines in the assessment of canine Systemic Inflammatory Response Syndrome (SIRS): preliminary results | Massimo Giunti, Bologna (I)                                                           |
| 16:15 - 16:30        | Evaluation of cytokinic profiles in bronchoalveolar lavage fluid from horses with inflammatory airway disease                    | Myriam Defontis, Caen (F)                                                             |
| 16:30 - 16:45        | Diagnostic value of HMGB1 for detection of gastric necrosis in dogs with gastric dilatation-volvulus syndrome                    | Ivana Uhrikova, Brno (Cz)                                                             |
| <b>17:15</b>         | <b>VCP board meeting (only for member)</b>                                                                                       | <b>ECC room 30210</b>                                                                 |
| <b>19:30</b>         | <b>Welcome Reception</b>                                                                                                         | <b>Foyer Estrel Saal</b>                                                              |
|                      |                                                                                                                                  |  |

## Thursday, November 7

| Infectious diseases        |                                                | Estrel Saal A                     |
|----------------------------|------------------------------------------------|-----------------------------------|
| Chair: Saverio Platrinieri |                                                |                                   |
| 09:00 - 09:45              | Diagnosing FIP and other feline virus diseases | Katrin Hartmann, Munich (G)       |
| 09:45 - 10:30              | Borrelia diagnosis – an update                 | Reinhard Straubinger, Munich (G)  |
| <b>10:30 - 11:00</b>       | <b>Break / Poster exhibition</b>               |                                   |
| 11:00 - 11:45              | Leishmania diagnosis – an update               | Maria-Grazia Pennisi, Messina (I) |
| 11:45 - 12:30              | Understanding Ehrlichiosis and Anaplasmosis    | Barbara Kohn, Berlin (G)          |
| <b>12:30 - 14:00</b>       | <b>Break / Poster exhibition</b>               |                                   |

| Infectious diseases             |                                                                                                                                                                                                                                                       | Estrel Saal A                         |
|---------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------|
| Chair: Josep Pastor             |                                                                                                                                                                                                                                                       |                                       |
| 14:00 - 14:45                   | Microbiological diagnosis, using maldi-tof MS technique                                                                                                                                                                                               | Christiane Werckenthin, Oldenburg (G) |
| <b>Scientific communication</b> |                                                                                                                                                                                                                                                       |                                       |
| 14:45 - 15:00                   | Development of conventional and real-time-PCR assays for the differentiation of Myxoma viruses                                                                                                                                                        | Katja Kulke, Göttingen (G)            |
| 15:00 - 15:15                   | Evaluation of direct immunofluorescent assay for the detection of Canine Distemper Virus antigen in conjunctival scrapings                                                                                                                            | Maria Kantere, Thessaly (Gr)          |
| 15:15 - 15:30                   | Serial serum concentrations of canine pancreatic lipase immunoreactivity, troponin I, total T4, free T4, and TSH in hospitalized dogs with parvoviral enteritis treated with oseltamivir (Tamiflu®) or placebo and associations with clinical outcome | Nectarios Soubasis, Thessaloniki (Gr) |
| <b>15:30 - 16:15</b>            | <b>Break, poster exhibition</b>                                                                                                                                                                                                                       |                                       |
| 16:15 - 16:30                   | Relationship between Paraoxonase 1 activity and HDL concentration during naturally occurring Babesiosis In dogs                                                                                                                                       | Gabriele Rossi, Mailand (I)           |
| 16:30 - 16:45                   | Platelet activation and platelet-leukocyte interaction in dogs naturally infected with <i>Babesia rossi</i> and its association with outcome                                                                                                          | Amelia Goddard, Pretoria (SA)         |
| 16:45 - 17:00                   | Long term follow-up and prognostic factors in dogs with Leishmaniasis: a retrospective study of 167 cases (2001-2013)                                                                                                                                 | S. Calipa, Bologna (I)                |
| 17:00 – 17:15                   | Relapsing fever borreliosis in dogs and cats naturally infected with <i>Borrelia persica</i>                                                                                                                                                          | Gad Baneth, Hebrew (IL)               |
| <b>17:30</b>                    | <b>ECVCP AGM</b>                                                                                                                                                                                                                                      | <b>Estrel Saal A</b>                  |

## Thursday, November 7

|                                                                    |                                                                                                                                                                                           |                                                                                                            |
|--------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------|
| <b>Clinical pathology of hereditary and immunological diseases</b> |                                                                                                                                                                                           | <b>Estrel Saal B</b><br><b>LABOKLIN</b><br><small>LABOR FÜR KLINISCHE DIAGNOSTIK GMBH &amp; CO. KG</small> |
| <b>Chair: Natali Bauer</b>                                         |                                                                                                                                                                                           |                                                                                                            |
| 09:00 - 09:45                                                      | Diagnostic tests for hereditary diseases in dogs and cats                                                                                                                                 | Tosso Leeb, Bern (CH)                                                                                      |
| 09:45 - 10:30                                                      | Updates on renal tubular defects in dogs: Fanconi Syndrome and Cystinuria                                                                                                                 | Urs Giger, Pennsylvania (USA)                                                                              |
| <b>10:30 - 11:00 Break / Poster exhibition</b>                     |                                                                                                                                                                                           |                                                                                                            |
| 11:00 - 11:45                                                      | The Coombs' test and diagnosis of IMHA in dogs                                                                                                                                            | Urs Giger, Pennsylvania (USA)                                                                              |
| 11:45 - 12:30                                                      | Updates on canine and feline blood typing and crossmatching                                                                                                                               | Urs Giger, Pennsylvania (USA)                                                                              |
| <b>12:30 - 14:00 Break / Poster exhibition</b>                     |                                                                                                                                                                                           |                                                                                                            |
| <b>Clinical pathology of hereditary and immunological diseases</b> |                                                                                                                                                                                           | <b>Estrel Saal B</b><br><b>LABOKLIN</b><br><small>LABOR FÜR KLINISCHE DIAGNOSTIK GMBH &amp; CO. KG</small> |
| <b>Chair: Elspeth Milne</b>                                        |                                                                                                                                                                                           |                                                                                                            |
| 14:00 - 14:45                                                      | Large animal molecular biology                                                                                                                                                            | Tosso Leeb, Bern (CH)                                                                                      |
| <b>Scientific communication</b>                                    |                                                                                                                                                                                           |                                                                                                            |
| 14:45 - 15:00                                                      | Plasma protein concentrations of the red-tailed amazon parrot ( <i>Amazona brasiliensis</i> ) determined by means of sodium dodecyl sulfate-polyacrylamide gel electrophoresis (sds-page) | Elizabeth Schmidt, Sao Paulo (BR)                                                                          |
| 15:00 - 15:15                                                      | Correlation of serum cardiac troponin I and acute phase proteins with clinical staging in 46 dogs with degenerative mitral valve disease                                                  | Zoe S. Polizopoulou, Thessaloniki (Gr)                                                                     |
| 15:15 - 15:30                                                      | CRP concentrations in dogs treated surgically for pyometra                                                                                                                                | Anna Hillström, Uppsala (S)                                                                                |
| <b>15:30 - 16:15 Break, poster exhibition</b>                      |                                                                                                                                                                                           |                                                                                                            |
| 17:30                                                              | ECVCP AGM                                                                                                                                                                                 | <b>Estrel Saal A</b>                                                                                       |

## Friday, November 8

| Point of care tests      |                                                                                                                                                                  | Estrel Saal B                              |
|--------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------|
| Chair: Emma Hooijberg    |                                                                                                                                                                  |                                            |
| 08:30 - 09:15            | From an idea to a point of care test – development of new tests in veterinary medicine                                                                           | Frank Gessler, Goettingen (G)              |
| 09:15 - 10:00            | Point of care testing of the feline and canine pancreas                                                                                                          | Joerg Steiner, College Station (USA)       |
| 10:00 - 11:00            | Break / exhibition / Poster exhibition                                                                                                                           |                                            |
| Scientific communication |                                                                                                                                                                  |                                            |
| 11:00 - 11:15            | Pancreatic, DGGR-lipase, enzymatic assay provides a highly sensitive, specific and inexpensive biomarker of pancreatitis in cats and dogs                        | Peter James O'Brien, Dublin (Ir)           |
| 11:15 - 11:30            | Results of the urine cortisol:creatinine ratio and association with findings of the low-dose dexamethasone suppression test or ACTH stimulation test in 601 dogs | Erika Furman, Vienna (A)                   |
| 11:30 - 11:45            | Effects of storage conditions on canine urine sodium dodecyl sulfate-agarose gel electrophoresis (SDS-AGE)                                                       | Marie Laure Theron, Toulouse (F)           |
| 11:45 - 12:00            | Evaluation of stability of thromboelastography in cows and dogs                                                                                                  | Cora-Constanze Sommerey, Bad Kissingen (G) |
| 12:30 - 14:00            | ESVCP AGM<br>Break / exhibition / poster exhibition                                                                                                              | Estrel Saal A                              |

| Preanalytic and analytic                                                                                                                                                                                                                                    |                                                               | Estrel Saal B                  |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------|--------------------------------|
| Chair: Julia Schüttler                                                                                                                                                                                                                                      |                                                               |                                |
| 14:00 - 14:30                                                                                                                                                                                                                                               | Preanalytical errors in the veterinary clinical laboratory    | Emma Hooijberg, Vienna (A)     |
| 14:30 - 15:00                                                                                                                                                                                                                                               | Analytical error in the veterinary laboratory                 | Stefanie Klenner, Hannover (G) |
| 15:00 - 15:30                                                                                                                                                                                                                                               | Postanalytical errors in the veterinary clinical laboratory   | Emma Hooijberg, Vienna (A)     |
| <b>15:30 - 16:30</b>                                                                                                                                                                                                                                        | <b>Break / exhibition / Poster exhibition</b>                 |                                |
| 16:30 - 17:00                                                                                                                                                                                                                                               | The Empower Project – modernizing external quality assessment | Dietmar Stöckl, Horebeke (B)   |
| 17:00 - 17:30                                                                                                                                                                                                                                               | Statistics to be used in method validation studies            | Martina Stirn, Freiburg (G)    |
| 17:30 - 18:00                                                                                                                                                                                                                                               | Biologic variation                                            | Dietmar Stöckl, Horebeke (B)   |
| <b>19:00</b>                                                                                                                                                                                                                                                | <b>Congress dinner</b>                                        | <b>Estrel Festival Center</b>  |
|    |                                                               |                                |

## Friday, November 8

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| <b>ECC Hall C</b>                                                                                                                                                                                                                                           |                                                                                                         |                                                                                                                                                                         |
| 09:00 - 10:00                                                                                                                                                                                                                                               | Opening ceremony German Veterinary Society (GVS) and German Small Animal Veterinary Association (GSAVA) | Uwe Truyen, Leipzig (G)<br>Stephan Neumann, Göttingen (G)<br>Achim Gruber, Berlin (G)                                                                                   |
| <b>10:00 - 11:00</b>                                                                                                                                                                                                                                        | <b>Break / exhibition / Poster exhibition</b>                                                           |                                                                                                                                                                         |
| <b>NAVC, Continuing education, Clinical pathology</b>                                                                                                                                                                                                       |                                                                                                         | <b>Estrel Saal A</b>                                                                                                                                                    |
|                                                                                                                                                                                                                                                             |                                                                                                         |   |
| <b>Chair: Andreas Moritz</b>                                                                                                                                                                                                                                |                                                                                                         |                                                                                                                                                                         |
| 11:00 - 11:30                                                                                                                                                                                                                                               | Nonregenerative anemias in dogs                                                                         | John W. Harvey, Gainesville (USA)                                                                                                                                       |
| 11:30 - 12:00                                                                                                                                                                                                                                               | Neutrophil abnormalities in dogs                                                                        | John W. Harvey, Gainesville (USA)                                                                                                                                       |
| 12:00 - 12:30                                                                                                                                                                                                                                               | Hematology and neoplasia: Case studies                                                                  | John W. Harvey, Gainesville (USA)<br>Alan H. Rebar, West Lafayette (USA)                                                                                                |
| <b>12:30 - 14:00</b>                                                                                                                                                                                                                                        | <b>ESVCP AGM</b>                                                                                        |                                                                                                                                                                         |
|                                                                                                                                                                                                                                                             | <b>Break / exhibition / Poster exhibition</b>                                                           |                                                                                                                                                                         |
| <b>NAVC, Continuing education, Clinical pathology</b>                                                                                                                                                                                                       |                                                                                                         | <b>Estrel Saal A</b>                                                                                                                                                    |
|                                                                                                                                                                                                                                                             |                                                                                                         |   |
| <b>Chair: Joy Archer</b>                                                                                                                                                                                                                                    |                                                                                                         |                                                                                                                                                                         |
| 14:00 - 14:30                                                                                                                                                                                                                                               | Introduction to laboratory profiling                                                                    | Alan H. Rebar, West Lafayette (USA)                                                                                                                                     |
| 14:30 - 15:00                                                                                                                                                                                                                                               | Profiling the Liver Part 1: The primary and secondary liver tests                                       | Alan H. Rebar, West Lafayette (USA)                                                                                                                                     |
| 15:00 - 15:30                                                                                                                                                                                                                                               | Profiling the Liver Part 2: Case studies                                                                | Alan H. Rebar, West Lafayette (USA)                                                                                                                                     |
| <b>15:30 - 16:30</b>                                                                                                                                                                                                                                        | <b>Break / exhibition / Poster exhibition</b>                                                           |                                                                                                                                                                         |
| 16:30 - 17:00                                                                                                                                                                                                                                               | Profiling the Urinary system                                                                            | Alan H. Rebar, West Lafayette (USA)                                                                                                                                     |
| 17:00 - 17:30                                                                                                                                                                                                                                               | Protozoal infections of dog and cat blood cells                                                         | John W. Harvey, Gainesville (USA)                                                                                                                                       |
| 17:30 - 18:00                                                                                                                                                                                                                                               | Rickettsial and Hemoplasma infections of dog and cat blood cells                                        | John W. Harvey, Gainesville (USA)                                                                                                                                       |
| <b>19:00</b>                                                                                                                                                                                                                                                | <b>Congress dinner</b>                                                                                  | <b>Estrel Festival Center</b>                                                                                                                                           |
|    |                                                                                                         |                                                                                                                                                                         |

## Friday, November 8

| <b>ClinToxPath</b>          |                                                                                                                                                                                                                                                                                 | <b>ECC Room 30241</b>                                                                                                                         |
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| <b>Chair: Peter O'Brien</b> |                                                                                                                                                                                                                                                                                 |                                                                                                                                               |
| 08:30 - 09:15               | Big data and the information revolution: Insights for clinical pathology derived from large data set analysis                                                                                                                                                                   | Mark Pinches, Congleton (UK)<br><br>Health Connects Us All |
| 09:15 – 10:00               | Clinical Pathology changes associated with gestation and growth in laboratory animals                                                                                                                                                                                           | Anne Provencher Bolliger, Sherbrooke (Ca)<br>              |
| <b>10:00 - 11:00</b>        | <b>Break / exhibition / Poster exhibition</b>                                                                                                                                                                                                                                   |                                                                                                                                               |
| 11:00 - 11:45               | Broncho-Alveolar Lavages and other fluids evaluation in toxicological studies                                                                                                                                                                                                   | Florence Poitout-Belissent, Wilmington (USA)<br>           |
| 11:45 - 12:30               | Immunosafety in Preclinical Studies                                                                                                                                                                                                                                             | Kirstin Barnhart, Austin (USA)<br>                         |
| <b>12:30 - 14:00</b>        | <b>ESVCP AGM</b><br>Break / exhibition /Poster exhibition                                                                                                                                                                                                                       | <b>Estrel Saal A</b>                                                                                                                          |
| <b>19:00</b>                | <b>Congress dinner</b><br>   | <b>Estrel Festival Center</b>                                                                                                                 |

## Saturday, November 9

| <b>Cytology</b>               |                                                                                        | <b>Estrel Saal A</b>                  |
|-------------------------------|----------------------------------------------------------------------------------------|---------------------------------------|
| <b>Chair: Ernst Leidinger</b> |                                                                                        |                                       |
| 08:30 - 09:15                 | Use of immunohistochemistry in differentiation of cytologic imprint                    | Reinhard Mischke, Hannover (G)        |
| 09:15 - 10:00                 | Cytological criteria for interpreting lung cytology and BAL                            | Erik Teske, Utrecht (NL)              |
| <b>10:00 - 11:00</b>          | <b>Break / exhibition</b>                                                              |                                       |
| 11:00 - 11:45                 | From normal to pathologic: A brief journey among splenic, hepatic and pancreatic cells | Carlo Masserdotti Padua (I)           |
| 11:45 - 12:00                 | Cell cannibalism by cancer cells: hallmark of malignancy?                              | Antonio Melendez-Lazo, Barcelona (Sp) |
| <b>12:00</b>                  | <b>End of the congress, see you in 2014</b>                                            |                                       |

## Saturday, November 9

| <b>Case session</b>          |                                             | <b>Estrel Saal B</b>                   |
|------------------------------|---------------------------------------------|----------------------------------------|
| <b>Chair: Harold Tvedten</b> |                                             |                                        |
| 08:30 - 08:50                | Case 1                                      | Paola Cazzini                          |
| 08:50 - 09:10                | Case 2                                      | Marilisa Novacco                       |
| 09:10 - 09:30                | Case 3                                      | Robert Mihai Lukacs                    |
| 09:30 - 09:50                | Case 4                                      | Jelena Palic                           |
| 09:50 - 10:10                | Case 5                                      | A. Meléndez Lazo                       |
| <b>10:10 - 10:50</b>         | <b>Break / exhibition</b>                   |                                        |
| 10:50 - 11:10                | Case 6                                      | Fanny Granat                           |
| 11:10 - 11:30                | Case 7                                      | Anne Leuschner                         |
| 11:30 - 11:50                | Case 8                                      | Ulrika Falkenö                         |
| 11:50 - 12:10                | Case 9                                      | Cornelia Gilroy                        |
| 12:10 - 12:30                | Case 10                                     | Sarah Putwain                          |
| <b>12:30</b>                 | <b>Award for the best case</b>              | <b>Estrel Saal B</b><br>Harold Tvedten |
| <b>12:45</b>                 | <b>End of the congress, see you in 2014</b> |                                        |

## Poster

**Estrel Hotel (Rotunde), November 7 -9 (Thursday – Saturday)**

### **EVALUATION OF AN AUTOMATED ENZYME IMMUNOASSAY FOR THE MEASUREMENT OF TOTAL THYROXINE IN DOGS AND CATS.**

E.H. Hooijberg, E. Leidinger  
In Vitro Laboratory, Vienna, Austria

### **COMPARISON OF URINE PROTEOMES FROM HEALTHY AND CKD CATS**

E. Ferlizza<sup>1</sup>, A. Cuoghi<sup>2</sup>, E. Monari<sup>2</sup>, A. Neagu<sup>1</sup>, F. Dondi<sup>1</sup>, E. Carpenè<sup>1</sup>, G. Isani<sup>1</sup>  
<sup>1</sup> Department of Veterinary Medical Sciences *Alma Mater Studiorum* - University of Bologna, Italy.  
<sup>2</sup> Proteomic Laboratory, Department of Diagnostic, Clinical and Public Health Medicine, University of Modena and Reggio Emilia, Italy

### **BIOMARKERS OF INFLAMMATION IN CANINE LYMPHOMA**

K. Josipa<sup>1</sup>, B. R. Renata<sup>1</sup>, K. Nada<sup>2</sup>, S. Jelena<sup>2</sup>, M. Vladimir<sup>2</sup>  
<sup>1</sup> Department of Chemistry and Biochemistry, Faculty of Veterinary Medicine, University of Zagreb, Croatia  
<sup>2</sup> Clinic of Internal Diseases, Faculty of Veterinary Medicine, University of Zagreb, Croatia

### **A CASE OF DISTEMPER IN A YOUNG VACCINATED WEIMARANER DOG**

I. Cerchiaro<sup>1b</sup>, G. Ledda<sup>1a</sup>, N. Ottolini<sup>1a</sup>, M. Trotta<sup>1b</sup>, S. Piovesan<sup>2</sup>, M. Rondena<sup>1b</sup>, L. Ressel<sup>3</sup>, C. Masserdotti<sup>1b</sup>  
<sup>1</sup> San Marco Veterinary <sup>a</sup>Clinic and <sup>b</sup>Laboratory, Padua, Italy  
<sup>2</sup> DVM, Venice, Italy  
<sup>3</sup> School of Veterinary Science, University of Liverpool, United Kingdom

### **SERUM CARDIAC TROPONIN MEASUREMENT BY FLUORESCENCE ENZYME IMMUNO ASSAY**

#### **A COMPARISON STUDY AND ITS APPLICATION IN CANINE PRACTICE.**

A. Gavazza, L. Carlucci, S. Demi, G. Lubas  
Dept. of Veterinary Science, University of Pisa, Italy

### **IMPORTANCE OF CYTOLOGICAL EXAMINATION IN PUPPIES AND KITTENS: CLASSIFICATION OF 91 CASES**

V. Turinelli<sup>1</sup>, A. Gavazza<sup>2</sup>  
<sup>1</sup> Idexx Laboratories, Milan  
<sup>2</sup> Italy Dept. Veterinary Science, University of Pisa, Italy

### **NUCLEATED ERYTHROCYTES IN BLOOD SMEARS OF DOGS UNDERGOING CHEMOTHERAPY**

P. Moretti, R. Ferrari, S. Castellano, A. Giordano, D. Stefanello, S. Paltrinieri  
Department of Veterinary Sciences and Public Health, University of Milan, Italy

### **EFFECTS OF DIPYRONE AND ITS ASSOCIATION WITH MELOXICAM ON PRIMARY HEMOSTASIS IN DOGS – PRELIMINARY RESULTS**

F. Z. Zanuzzo<sup>1</sup>, F. J. Teixeira Neto<sup>1,2</sup>, C. M. Thomazini<sup>3</sup>, R. K. Takahira<sup>3</sup>, M. S. Diniz<sup>1</sup>, L. Ramos<sup>1</sup>  
<sup>1</sup> Department of Anesthesiology, Faculty of Medicine. Sao Paulo State University, Brazil  
<sup>2</sup> Department of Veterinary Surgery and Anesthesiology, School of Veterinary Medicine and Animal Science. Sao Paulo State University, Brazil  
<sup>3</sup> Department of Veterinary Clinical Sciences, School of Veterinary Medicine and Animal Science. Sao Paulo State University, Brazil

### **MONITORING OF TREATMENT WITH THE LOW MOLECULAR WEIGHT HEPARIN DALTEPARIN IN CATS**

J. Schoenig, R. Mischke  
Small Animal Clinic, University of Veterinary Medicine Hannover, Hannover, Germany

**REFERENCE INTERVALS FOR THROMBOELASTOMETRY  
WITH THE ROTEM® DELTA IN CATS**

E. Doederlein, R. Mischke

Small Animal Clinic, University of Veterinary Medicine Hannover, Hannover, Germany

**REFERENCE CHANGE VALUES IN A SMALL HERD OF  
CAPTIVE FEMALE AFRICAN ELEPHANTS (LOXODONTA AFRICANA)**

E. Hooijberg<sup>1</sup>, F. Balfanz<sup>2</sup>, T. Voracek<sup>2</sup>, E. Leidinger<sup>1</sup>

<sup>1</sup> In Vitro Laboratory, Vienna, Austria

<sup>2</sup> Tierärztliche Ordination Tiergarten Schönbrunn, Vienna, Austria

**FREQUENCY OF ENUMERATION ERRORS OF TOTAL NUCLEATED CELL  
COUNTS ON CANINE BAL FLUID USING THE SYSMEX XT-2000iV**

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**A TEACHING DATABANK ON PREANALYTICAL EFFECTS IN VETERINARY  
CLINICAL PATHOLOGY**

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**SERUM CONCENTRATION OF HIGH DENSITY LIPOPROTEINS (HDLs)  
IN LEISHMANIOTIC DOGS**

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**PROGNOSTIC VALUE OF BLOOD LACTATE AND LACTATE CLEARANCE  
IN CRITICALLY ILL DOGS**

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**COMPARISON OF TWO COMMERCIAL RAPID IN-CLINIC SEROLOGIC TESTS  
FOR DETECTION OF ANTIBODIES AGAINST *LEISHMANIA* SPP. IN DOGS**

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**PARAOXONASE 1 ACTIVITY IN DOGS BEFORE AND AFTER WEIGHT LOSS**

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**A COMPARATIVE STUDY OF SEROLOGICAL TESTS FOR THE DETECTION  
OF CANINE ANTI-*LEISHMANIA INFANTUM* ANTIBODIES**

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**S-PHASE FRACTION DETERMINATION IN CANINE LYMPHOMAS**

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**EFFECTS OF SEROLOGY TITER AND CLINICAL FINDINGS ON  
RETICULOCYTE INDICES IN NATURALLY INFECTED DOGS  
WITH *LEISHMANIA INFANTUM***

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**PRELIMINARY STUDIES FOR PRODUCTION OF A REFERENCE MATERIAL  
FOR PIG MAJOR ACUTE PHASE PROTEIN AND PORCINE C-REACTIVE PROTEIN.**

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**TRANFERENCE OF CANINE D-DIMERS REFERENCE INTERVALS  
BY METHOD COMPARISON**

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**DEVELOPMENT AND VALIDATION OF AN IMMUNOTURBIDIMETRIC METHOD  
FOR THE DETERMINATION OF THE ACUTE PHASE PROTEIN PIG-MAP  
IN PIG SERUM SAMPLES.**

M. Piñeiro<sup>1</sup>, N. García<sup>2</sup>, L. Soler<sup>2</sup>, R. Pato<sup>3</sup>, Y. Saco<sup>3</sup>, M. Roura<sup>4</sup>, M.A. Alava<sup>2</sup>, F. Canalias<sup>4</sup>, A. Bassols<sup>3</sup>, F. Lampreave<sup>2</sup>.

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**A CASE OF ENCEPHALITIC LISTERIOSIS IN A COW**

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**CORRELATION BETWEEN CYTOLOGY AND HISTOPATHOLOGY IN  
SPLENIC MASSES OF DOGS**

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**UNEXPECTED HEMATOLOGY AND CLINICAL CHEMISTRY RESULTS  
IN PRE-VALUES OF MARSHALL BEAGLE DOGS IN NON-CLINICAL  
SAFETY STUDIES**

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## **EFFECT OF SEX ON URINE PROTEIN ELECTROPHORESIS IN DOGS:**

### **A PRELIMINARY STUDY**

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## **ACUTE PHASE RESPONSE TO VACCINATION AGAINST NEWCASTLE DISEASE IN FEMALE TURKEYS**

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## **CYTOLOGICAL AND HISTOPATHOLOGICAL FEATURES OF ANAL SAC ADENOCARCINOMA IN A CAT.**

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## **CLINICAL PATHOLOGICAL FINDINGS OF PRIMARY HEMANGIOSARCOMA OF THE TIBIA IN A DOG**

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## **SERUM PROTEIN CONCENTRATIONS FROM CLINICALLY HEALTHY DAIRY SHEEPS USING AGAROSE GEL ELECTROPHORESIS**

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## **BLOOD TYPE AND TRANSFUSION RISKS IN CATS BEING EVALUATED AS BLOOD DONORS AT TWO ITALIAN UNIVERSITY BLOOD BANKS**

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## **MEASUREMENT OF CEREBROSPINAL FLUID ALBUMIN IN HEALTHY DOGS**

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## **REFERENCE VALUES AND VARIABILITY OF HEMATOLOGICAL VARIABLES OF LABORATORY BEAGLES**

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**VALIDATION OF A NEW CANINE SPECIES-SPECIFIC C-REACTIVE PROTEIN ASSAY ON THE PENTRA 400**

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**ACTION OF RIBOFLAVIN ASSOCIATED WITH ULTRAVIOLET RADIATION ON THE INACTIVATION OF *ANAPLASMA MARGINALE* IN BOVINE BLOOD**

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**STUDY OF HEMATOLOGICAL CHANGES IN BOVINE BLOOD PARASITIZED BY *ANAPLASMA MARGINALE* STORED FOR 21 DAYS AND THE IMPORTANCE OF ITS DIAGNOSIS**

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**HAWS SYNDROME AND SUSPECTED FIP – CASE REPORT**

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**C-REACTIVE PROTEIN AND SERUM AMYLOID A IN HEALTHY MALE DOGS AFTER ORCHIECTOMY**

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**CHYLOABDOMEN IN A FERRET WITH LYMPHOMA**

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**HEMOSTATIC PROFILE IN DOGS WITH GASTRIC DILATATION-VOLVULUS SYNDROME OR HEMANGIOSARCOMA: PRELIMINARY RESULTS**

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**DETECTION OF ALBUMINURIA BY URINE PROTEIN DIPSTICK AND URINARY PROTEIN TO CREATININE RATIO: A COMPARATIVE RETROSPECTIVE STUDY IN DOGS**

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