

5TH CUTTING EDGE PATHOLOGY CONGRESS

28-31 August 2024

San Lorenzo de El Escorial (Madrid) Spain

CONGRESS PROGRAM

CUTTING EDGE

PATHOLOGY



WEDNESDAY, 28 AUGUST 2024

■ IATP Sessions
 ■ Resident Day Sessions
 ■ ESTP Sessions
■ ESVP/ECVP Sessions
 ■ Joint Plenary Sessions

AULA MAGNA | ESTP Session

AULA 14+15 | Resident Day

AULA 13 | IATP Symposium

	<p>08.30-10.30 Analysis of single cells to boost your research in pathology-Part I <i>Sven Rottenberg</i> OMICS</p>	<p>09.00-09.10 Welcome and introduction <i>IATP Education Committee</i></p> <p>09.10-09.55 Scientific Efforts for Gaining Regulatory Confidence in NAMs for Neurotoxicity <i>Dr. Ellen Fritsche</i></p> <p>09.55-10.40 Current State of Developmental Neurotoxicity (DNT) Assessment Using New Approach Methodologies (NAMs) <i>Dr. Helena Hogberg-Durdock</i></p>
	<p>10.30-11.00 COFFEE BREAK</p> <p>11.00-13.00 Analysis of single cells to boost your research in pathology-Part II <i>Philipp Olias</i> OMICS</p>	<p>10.40-11.10 COFFEE BREAK</p> <p>11.10-11.50 Larval zebrafish as an Alternative in vivo Model for Assessing Seizure Liability: from Behaviour through to Functional Brain Imaging. <i>Dr. Matthew Winter</i></p> <p>11.50-12.30 Assessment of Chronic Neurotoxicity using NAMs <i>Dr. Andrea Terron</i></p> <p>12.30-12.55 Panel Discussion</p> <p>12.55-13.00 Closing Remarks <i>IATP Education Committee</i></p>
<p>13.00-14.00 LUNCH & REGISTRATION</p>		
<p>Welcome ESTP Chair <i>Silvia Guionaud</i></p> <p>14.15-14.55 Sampling the Nervous System For Histopathology Evaluation: Getting Aligned to Detect Neurotoxicity <i>Deepa Bandi Rao</i> NEUROMETHODS <i>Moderators: Ingrid Pardo & Alok Sharma</i></p> <p>14.55-15.20 Brain and spinal cord sampling for molecular and protein analyses <i>Xavier Palazzi</i> NEUROMETHODS <i>Moderators: Ingrid Pardo & Alok Sharma</i></p> <p>15.20-15.45 Direct Drug Delivery Into Brain Parenchyma in Monkeys: Technical Aspects and Pathology Findings <i>Alexandra Duetting & Annette Romeike</i> NEUROMETHODS <i>Moderators: Ingrid Pardo & Alok Sharma</i></p> <p>15.45-15.55 Silver staining in neuropathology and neurotoxicity: practical approaches, advantages, and disadvantages <i>Kristel Kegler</i> NEUROMETHODS <i>Moderators: Ingrid Pardo & Alok Sharma</i></p> <p>15.55-16.05 Immunohistochemical Characterization of Glial cells Around Holes in the Brain: Two Similar Experiences in the Dog <i>Stefanie Arms & Enrico Vezzali</i> NEUROMETHODS <i>Moderators: Ingrid Pardo & Alok Sharma</i></p> <p>16.05-16.15 Myelin methods <i>Brad Bolon</i> NEUROMETHODS <i>Moderators: Ingrid Pardo & Alok Sharma</i></p>	<p>14.00-16.00 Pictures of Publication Quality, the perspective of the Photo Editors at the Veterinary Pathology Journal <i>Silvia Ferro & Hanna Bender</i> PRACTICAL SKILLS</p>	
	<p>16.00-16.30 COFFEE BREAK</p> <p>16.30-18.30 Dealing with residents' challenges <i>Chiara Palmieri & Pompei Bolfa</i> PRACTICAL SKILLS</p>	
<p>16.15-16.45 COFFEE BREAK</p> <p>17.00-17.25 Finding One's Way in the Nervous System Maze with an AI Compass <i>Erio Barale-Thomas</i> NEUROMETHODS <i>Moderators: Ingrid Pardo & Alok Sharma</i></p> <p>17.25-18.00 Audience Participation <i>Moderators: Ingrid Pardo & Alok Sharma</i> NEUROMETHODS</p>		

19.00-21.30 CONGRESS OPENING & WELCOME RECEPTION



Jardines



COLEGIO OFICIAL
DE VETERINARIOS
DE MADRID



THURSDAY, 29 AUGUST 2024

■ ESVP/ECVP Sessions
 ■ Joint Plenary Sessions
 ■ ESTP Sessions
 ■ Workshop

AULA MAGNA	AULA 14+15	AULA 13	AULA 12
<p>08.15-08.30 Resero Analytics Sponsored Session Harnessing AI: TurboToxicology Integrates Cutting-Edge LLMs for Enhanced Reporting of Pathology and Toxicology Study Data <i>David Watson</i></p> <p>08.30-09.30 The role of the brain barriers in CNS immunity during health and neuroinflammation <i>Britta Engelhardt</i> GENERAL PATHOLOGY Moderators: Anna Oevermann & Elizabeth Galbreath</p> <p>09.30-10.30 Poster session Moderators: Diethilde Theil & Ingrid Pardo</p>	<p>09.45-10.30 Poster Flash Presentations Moderator: Rute Noiva</p>		
10.30-11.00 COFFEE BREAK POSTER TOUR & EXHIBITION			
<p>11.00-13.00 Veterinary Dermatopathology <i>Verena Affolter & Charles Bradley</i> DIAGNOSTICS-COMPANION ANIMALS Moderators: Paola Roccabianca & Richard Fox</p>	<p>11.00-11.45 Performance of Biomarkers NF-L, NSE, Tau and GFAP in Blood and Cerebrospinal Fluid in Rat for the Detection of Nervous System Injury <i>Warren Glaab</i> CNS EVALUATION Moderators: Diethilde Theil & Ingrid Pardo</p> <p>11.45-12.30 Behavioral tests in drug safety assessment-are they relevant for pathologists? <i>Andrea Greiter-Wilke</i> CNS EVALUATION Moderators: Diethilde Theil & Ingrid Pardo</p> <p>12.30-13.00 AWARDS CEREMONY Moderators: Diethilde Theil & Ingrid Pardo</p>	<p>11.00-12.00 TB in captive and free-ranging wild animals <i>Christian Gortazar</i> WILDLIFE Moderators: Antonio Fernandez & Judith van den Brand</p> <p>12.00-13.00 Oral Presentations Exotic, Wildlife & Zoo Animals Moderators: Antonio Fernandez & Judith van den Brand</p>	Johnson & Johnson
13.00-14.15 LUNCH POSTER TOUR & EXHIBITION			
<p>13.45-14.15 Deciphex Sponsored Session Foresight: Enhancing Toxicologic Pathology with AI decision support - through pathologists insights <i>Laoise Lord Bissett & Lise Bertrand</i></p> <p>14.15-15.00 Neuropathology through the lens of translational imaging: Opportunities for preclinical therapy assessment <i>Nicolau Beckmann</i> CNS EVALUATION Moderators: Diethilde Theil & Emily Meseck</p> <p>15.00-15.45 Electrophysiology (EEG/NCV) <i>Veronika Stein</i> CNS EVALUATION Moderators: Diethilde Theil & Emily Meseck</p>	<p>14.15-15.45 ORAL PRESENTATIONS DIAGNOSTICS Moderators: Dimitra Psallas & Valentina Zapulli</p>	<p>14.15-15.00 Invertebrate Pathology: Approach to Diagnostics and Common Diseases, including Inflammation, Infection, Environmental Stress/Toxin Exposure, Negative Energy Balance, and Neoplasia <i>Elise LaDouceur</i> UNUSUAL SPECIES Moderators: Pompei Bolfa & Udo Hetzel</p> <p>15.00-15.45 Overview of transmissible cancers in bivalve molluscs <i>Antonio Villalba</i> UNUSUAL SPECIES / ONCOLOGY Moderators: Pompei Bolfa & Udo Hetzel</p>	Johnson & Johnson
15.45-16.15 COFFEE BREAK POSTER TOUR & EXHIBITION			
<p>16.15-17.00 MRI and histopathology in multiple sclerosis <i>Christina Granziera</i> CNS EVALUATION Moderators: Diethilde Theil & Emily Meseck</p> <p>17.00-17.45 CNS safety biomarker and their application in clinical settings <i>Tobias Derfuss</i> CNS EVALUATION Moderators: Diethilde Theil & Emily Meseck</p> <p>17.45-18.00 You've thought of it, but have you ever seen it?-Interesting neuropathological findings in the brains of Wistar rats <i>Kathrin Becker</i> CASE PRESENTATION Moderators: Diethilde Theil & Emily Meseck</p>	<p>16.15-17.00 Teaching Veterinary Pathology to Veterinary Medicine Students: what European perspective? <i>Massimo Castagnaro</i> TEACHING Moderators: Laura Peña & Andrea Gudan</p> <p>17.00-17.45 Oral Presentations Livestock & Others Moderators: Laura Peña & Andrea Gudan</p> <p>18.00-19.30 ECVP AGM</p>	<p>16.15-17.45 Oral Presentations Livestock & Laboratory Animals Moderators: Ingo Gerhauser & Hanne Jahns</p>	Johnson & Johnson
18.00-20.00 AIRA MATRIX AIRATOX EUROPEAN LAUNCH Monte De Los Angeles			
		19.30-21.00 WISDOM Train your brain	
		 	


FRIDAY, 30 AUGUST 2024

■ ESVP/ECVP Sessions
 ■ Joint Plenary Sessions
 ■ ESTP Sessions
 ■ Workshop

AULA MAGNA	AULA 14+15	AULA 13	AULA 12
<p>08.15-08.30 Standard BioTools Sponsored session: Fast high-plex tumor microenvironment investigation: from tissue heterogeneity to single cell analysis <i>David Guet</i></p>  <p>08.30-09.30 A Fandango of Form and Function: The Interplay between Clinical Neurology and Neuropathology Investigation <i>Brad Bolon</i> GENERAL PATHOLOGY Moderators: <i>Pompei Bolfa & Sameh Youssef</i></p> <p>09.30-10.00 Bridging the Gap: Understanding Dementia through Animal Models <i>Laura Fusaro</i> NEURODEGENERATIVE DISEASES Moderators: <i>Alok Sharma & Sameh Youssef</i></p> <p>10.00-10.30 Autoimmune Neurodegenerative Diseases: Shifting Paradigms and Emerging Opportunities (MS, Guillain-Barre) <i>Dinesh Bangari</i> NEURODEGENERATIVE DISEASES Moderators: <i>Alok Sharma & Sameh Youssef</i></p>	<p>09.45-10.30 Poster Flash Presentations Moderator: <i>Nermin Caliskan</i></p>		
10.30-11.00 COFFEE BREAK POSTER TOUR & EXHIBITION			
<p>11.00-11.45 Using advanced human in vitro models to study neurodegenerative disease <i>Jeroen Pasterkamp</i> NEURODEGENERATIVE DISEASES Moderators: <i>Alok Sharma & Sameh Youssef</i></p> <p>11.45-12.30 Update on cannabinoid-based therapeutic options for treating neurodegenerative disorders <i>Javier Ruiz</i> NEURODEGENERATIVE DISEASES Moderators: <i>Alok Sharma & Sameh Youssef</i></p> <p>12.30-13.00 Panel Discussion <i>Laura Fusaro & Dinesh Bangari & Jeroen Pasterkamp & Javier Fernández Ruiz</i> NEURODEGENERATIVE DISEASES Moderators: <i>Alok Sharma & Sameh Youssef</i></p>	<p>11.00-12.00 Tumours of the urogenital system: the old, the new and the fugitive! <i>Chiara Palmieri & Valeria Grieco</i> DIAGNOSTICS COMPANION ANIMALS Moderators: <i>Giancarlo Avallone & Jerome Abadie</i></p> <p>12.00-13.00 Oral Presentations Small Animal Moderators: <i>Giancarlo Avallone & Jerome Abadie</i></p>	<p>11.00-12.00 Highly infectious diseases in ruminants - just the usual suspects? <i>Angele Breithaupt</i> FARM ANIMAL HEALTH Moderators: <i>Reinie Dijkman & Henrik-Elvang Jensen</i></p> <p>12.00-13.00 Epizootic hemorrhagic disease: an emerging vector-borne viral pathology with a big impact on Spanish cattle <i>Marcelo de las Heras</i> FARM ANIMAL HEALTH Moderators: <i>Reinie Dijkman & Henrik-Elvang Jensen</i></p>	
13.00-14.15 LUNCH POSTER TOUR & EXHIBITION			
<p>13.45-14.15 Aira Matrix Sponsored Session: Deep Learning-Based Spermatogenic Staging in Tissue Sections of Cynomolgus Macaque Testes <i>Svenja Hartung & Chaith Kondragunta</i></p>  <p>14.15-15.15 Towards standardization of histologic tumor prognostic parameters-does it really matter <i>Christof Bertram & Pompei Bolfa</i> ONCOLOGY Moderators: <i>Koen Chiers & Simone de Brot</i></p> <p>15.15-15.45 Oral Presentations Small Animal & Others Moderators: <i>Koen Chiers & Simone de Brot</i></p>	<p>14.15-14.35 Past current and future of Developmental Neurotoxicity studies <i>Frédéric Schorsch</i> INTRODUCTION TO DNT Moderators: <i>Deepa Bandi Rao & Sibylle Gröters</i></p> <p>14.35-15.00 Developmental Neuropathology: Introduction and overview <i>Wolfgang Kaufmann</i> DNT Moderators: <i>Deepa Bandi Rao & Sibylle Gröters</i></p> <p>15.00-15.45 Morphometrics in developmental neurotoxicity studies- pitfalls and interpretation <i>Heike Marxfeld</i> DNT Moderators: <i>Deepa Bandi Rao & Sibylle Gröters</i></p>	<p>14.15-15.45 Oral Presentations Livestock, Horses, Exotic, Wildlife & Zoo Animals Moderators: <i>Marian Tailescu & Cecilia Ley</i></p>	
15.45-16.15 COFFEE BREAK POSTER TOUR & EXHIBITION			
<p>16.15-17.15 Humans Forensics -Brain Trauma <i>Joao Pinheiro</i> FORENSICS Moderators: <i>Lorenzo Ressel & Pedro Faisca</i></p> <p>17.15-18.00 Oral presentations Forensics Moderators: <i>Lorenzo Ressel & Pedro Faisca</i></p>	<p>16.15-16.45 Thyroid Hormone Imbalances-Tox Aspects <i>Stephanie Melching-Kollmus</i> DNT Moderators: <i>Deepa Bandi Rao & Sibylle Gröters</i></p> <p>16.45-17.15 Thyroid hormone imbalance in pregnant rats & its impact on neurodevelopment in the pups: A hunt for a reliable histopathological biomarker <i>Babunilayam Gangadharan</i> DNT Moderators: <i>Deepa Bandi Rao & Sibylle Gröters</i></p> <p>17.15-18.45 SEAPV AGM</p>	<p>16.15-17.45 How to be better prepared for Data analysis and Tox path problems in the Comprehensive section <i>Edouard Reyes-Gomez</i> TEACHING / ECVP</p>	<p>16.15-17.15 Establishing Consistency in Tumor Prognosis Assessment: How do your evaluations stack up against those of your peers? <i>Christof Bertram & Pompei Bolfa</i> INTERACTIVE WORKSHOP</p>
		18.00-19.00 ESVP AGM	
19.30-01.00 GALA DINNER MIRAVALLE			

SATURDAY, 31 AUGUST 2024

ESVP/ECVP Sessions Joint Plenary Sessions ESTP Sessions Workshop

AULA MAGNA	AULA 14+15	AULA 13	AULA 12
<p>09.30-11.00 Whats'your Diagnosis Pedro Faísca & Luca Aresu INTERACTIVE MYSTERY SLIDE SESSION</p> 	<p>09.00-09.45 Computational pathology applied to toxicologic pathology: learning to ride AI's wave of opportunity Julie Boisclair RECENT NEURO CONCEPTS Moderators: Pierre Maliver & Elizabeth Galbreath</p> <p>09.45-10.00 Digital pathology and AI applied to tox path: Q&A-free discussion RECENT NEURO CONCEPTS Pierre Maliver, Elizabeth Galbreath, Julie Boisclair & Erio Barale-Thomas</p> <p>10.00-10.45 Neuropathology insights via cryofluorescent tomography (CFT) Elizabeth Galbreath RECENT NEURO CONCEPTS Moderators: Pierre Maliver & Elizabeth Galbreath</p> <p>10.45-11.00 Case Presentation: Comparative AAV-duplex amiR-SOD1-related findings in nervous system of Cynomolgus monkeys, New Zealand White rabbits, and C57BL/6 mice Ingrid Pardo Moderators: Pierre Maliver & Elizabeth Galbreath</p>		
11.00-11.30 COFFEE BREAK			
<p>11.30-12.15 Tissue technology in blood-brain barrier organoids as combined efficacy/toxicity high throughput spatial readouts in early drug screening Luisa Bell RECENT NEURO CONCEPTS Moderators: Pierre Maliver & Elizabeth Galbreath</p> <p>12.15-13.00 Unveiling CNS Complexity and Drug Responses through Spatial Transcriptomics Kerstin Hahn & Benedek Pesti RECENT NEURO CONCEPTS Moderators: Pierre Maliver & Elizabeth Galbreath</p> <p>13.00-13.15 Case Presentation: Bilateral basal nuclei vacuolar lesions-A novel and emerging potential background finding in Beagle dogs Stefanie Arms Moderators: Pierre Maliver & Elizabeth Galbreath</p> <p>13.15-13.30 Case Presentation: Ultrastructural changes in sensory nerves: Findings in DRG and peripheral nerves Emily Meseck Moderators: Pierre Maliver & Elizabeth Galbreath</p>	<p>11.30-12.15 PARR what does it mean? Manfred Henrich DIAGNOSTICS Moderators: Elena Riccardi & Christof Bertram</p> <p>12.15-13.00 From Pixels to Patterns: The Transformative Power of AI in Neuropathology Research Lev Stimmer Moderators: Elena Riccardi & Christof Bertram</p>	<p>11.30-13.00 The Global Health Pathology Network (GHPN) and Establishing Relationships Through Foundational Pathology Training: An Information Session Javier Asin INFORMATION SESSION</p>	<p>11.30-13.00 Certificate in Veterinary Forensic Pathology: a Simulation SteeringGroup INTERACTIVE WORKSHOP FORENSIC</p>

CASE PRESENTATIONS

Toxicological Pathology | Thursday 29th August 2024

17.45-18.00 YOU'VE THOUGHT OF IT, BUT HAVE YOU EVER SEEN IT? - INTERESTING NEUROPATHOLOGICAL FINDINGS IN THE BRAINS OF WISTAR RATS *Kathrin Becker*

Toxicological Pathology | Saturday 31st August 2024

10.45-11.00 COMPARATIVE AAV-AMIR-SOD1-RELATED FINDINGS IN NERVOUS SYSTEM OF CYNOMOLGUS MONKEYS, NEW ZEALAND WHITE RABBITS, AND C57BL/6 MICE *Ingrid Pardo*

13.00-13.15 BILATERAL BASAL NUCLEI VACUOLAR LESIONS - A NOVEL AND EMERGING POTENTIAL BACKGROUND FINDING IN BEAGLE DOGS *Stefanie Arms*

13.15-13.30 ULTRASTRUCTURAL CHANGES IN SENSORY NERVES: FINDINGS IN DRG AND PERIPHERAL NERVES *Emily Meseck*

POSTER FLASH

Veterinary Pathology | Thursday 29th August 2024

09.45-09.51 EVALUATION OF ALTERNATIVE IMMUNIZATION STRATEGIES AGAINST PARATUBERCULOSIS IN GOATS *Miguel Criado*

09.51-09.57 EXTRACELLULAR VESICLE ISOLATION AND CHARACTERIZATION FROM BOTTLENOSE DOLPHIN'S (TURSIOPS TRUNCATUS) BLOW *Valentina Moccia*

09.57-10.03 METHODOLOGY: MASS SPECTROMETRY-BASED IDENTIFICATION OF ANIMAL AMYLOIDOSIS *Tomoaki Murakami*

10.03-10.09 MULTISYSTEMIC MYXOZOAN INFECTION IN TOADFISH, TETRACETENOS HAMILTONI CAUSED BY MONOMYXUM INCOMPTAVERMI *Arashi Nakashimi*

10.09-10.15 COMPARATIVE ANATOMY AND HISTOLOGY OF GUSTATORY PAPILLAE IN LABORATORY ANIMAL SPECIES *Ricardo de Miguel*

Veterinary Pathology | Friday 30th August 2024

09.45-09.51 FROM CONCEPT TO REALITY: THE JOURNEY OF ESTABLISHING THE AUSTRALIAN COMPANION ANIMAL REGISTRY OF CANCERS (ACARCINOM) *Chiara Palmieri*

09.51-09.57 PORCINE NEPHROBLASTOMA AS A SPONTANEOUS ANIMAL MODEL FOR WILMS'TUMOR: PRELIMINARY RESULTS *Eleonora Brambilla*

09.57-10.03 STAT3 PATHWAY IN CANINE ORAL MELANOMA: A POTENTIAL THERAPEUTIC TARGET? *Adriana Lo Giudice*

10.03-10.15 TILS, TLSS AND HLMS EVALUATION IN CANINE MAMMARY CARCINOMAS *Giada Giambone*

10.15-10.21 PORCINE ALVEOLAR MACROPHAGES AND NASAL EPITHELIUM CAN INTERNALIZE PORCINE EPIDEMIC DIARRHEA VIRUS (PEDV) BUT DO NOT SUPPORT REPLICATION IN VITRO *Carlos López Figueroa*

10.21-10.27 IMPACT OF HANDLING TECHNIQUES ON UMBILICAL ULCERATIONS AND OMPHALITIS IN PIGLETS *Kristiane Barington*

10.27-10.33 CANINE ORAL MELANOMA MACROPHAGE-POOR HETEROSPHEROIDS: AN UPSIDE DOWN MODEL TO INVESTIGATE TUMOR MICROENVIRONMENT *Ilaria Porcellato*

ORAL ABSTRACTS

Veterinary Pathology | Thursday 29th August 2024

- 12.00-12.12 THE SKIN I LIVE IN. THE INTRACELLULAR LIFESTYLE OF P. DESTRUCTANS DURING WHITE-NOSE SYNDROME OF BATS *Marcos Isidoro-Ayza*
- 12.12-12.24 DETECTION OF HIGHLY PATHOGENIC AVIAN INFLUENZA H5N1 IN MARINE MAMMALS FROM SOUTH AMERICA *Eva Sierra*
- 12.24-12.36 HIGHLY METASTATIC MAMMARY CARCINOMAS IN TWO PATAGONIAN SEA LIONS *Elena Colombino*
- 12.36-12.48 PATHOLOGIES AND CAUSES OF DEATH IN STRANDED CETACEANS IN THE CANARY ISLANDS (2013-2018) *Pablo Jose Diaz Santana*
- 12.48-13.00 MORTALITY IN ENDANGERED MAUI DOLPHINS *Wendi Roe*
- 14.15-14.27 EXPLORING NEW DIAGNOSTIC MARKERS IN FELINE NASAL LYMPHOMA *Rute Noiva*
- 14.27-14.39 EVIDENCE OF RUSTRELA VIRUS-ASSOCIATED FELINE STAGGERING DISEASE IN SWEDEN SINCE THE 1970S *Emma Thilén*
- 14.39-14.51 KEY MILESTONES FOR THE DIAGNOSTIC OF EPIZOOTIC HEMORRHAGIC DISEASE IN CALVES *Ana Rodríguez-Largo*
- 14.51-15.03 BONE PATHOLOGY IN COMMERCIAL PIGS: TIME TO DEAL WITH THE ELEPHANT IN THE ROOM? *Albert Canturri*
- 15.03-15.15 FROM PIXELS TO PIGLETS: UTILIZING DIGITAL IMAGE ANALYSIS AND DEEP LEARNING TO COMBAT PORCINE DIARRHEA *Cecilie Brandt Becker*
- 15.15-15.27 HEDGEHOG ARTERIVIRUS-ASSOCIATED ENCEPHALITIS IN CAPTIVE EUROPEAN HEDGEHOGS (ERINACEUS EUROPAEUS) IN WILDLIFE REHABILITATION CENTRES IN ENGLAND *Fabian ZX Lean*
- 15.27-15.39 COMBINING STEREOLOGY AND IMAGE ANALYSIS FOR ACCURATE AND FAST QUANTIFICATION IN EXPERIMENTAL PATHOLOGY *Pedro Faísca*
- 16.15-16.27 EFFECT OF THE ORAL ADMINISTRATION OF HEAT-KILLED MYCOBACTERIUM MANRESENSIS ON INTESTINAL HEALTH AND IMMUNOLOGY PARAMETERS OF WEANED PIGLETS *Carmen Álvarez-Delgado*
- 16.27-16.39 LIVER LESIONS IN SHEEP VACCINATED AGAINST F. HEPATICA WITH AND WITHOUT NALTREXONE AS IMMUNE MODULATOR *María Teresa Ruiz-Campillo*
- 16.39-16.51 EFFECTS OF VACCINATION ON THE IMMUNOHISTOCHEMICAL EXPRESSION OF IFN- γ AND MACROPHAGE POLARIZATION IN CALVES EXPERIMENTALLY INFECTED WITH PARATUBERCULOSIS *David Zapico*
- 16.51-17.03 EARLY PATHOGENESIS AND INNATE IMMUNE RESPONSES AGAINST TWO STRAINS OF PORCINE EPIDEMIC DIARRHOEA VIRUS IN NEWBORN AND WEANED PIGLETS *Carlos López-Figueroa*
- 17.03-17.15 ADVERSE REACTIONS AFTER VACCINATION IN SHEEP: A REVIEW OF EXTRINSIC EVENTS OVER THE LAST 30 YEARS *Estela Pérez*
- 17.15-17.27 DIGITAL HISTOPATHOLOGY ANALYSIS OF LYMPHOID ORGANS FROM GOATS EXPERIMENTALLY INFECTED WITH HIGHLY AND MILDLY VIRULENT PPRV STRAINS *Llorenç Grau-Roma*
- 17.27-17.39 QUANTITATIVE AND QUALITATIVE ASSESSMENT OF HISTOLOGIC LESIONS IN HONEY BEES (APIS MELLIFERA) INFECTED WITH CHRONIC BEE PARALYSIS VIRUS *Peter Richards-Rios*
- 17.00-17.12 SLC25A12-RELATED INHERITED FORM OF PORENCEPHALY IN LIMOUSIN CALVES *Tobias Floyd*
- 17.12-17.24 DISTINCT SUBCELLULAR DYNAMICS OF LISTERIA MONOCYTOGENES IN MICROGLIA AND MONOCYTE-DERIVED MACROPHAGES: IMPLICATIONS FOR THE PATHOGENESIS OF NEUROLISTERIOSIS *Margherita Polidori*
- 17.24-17.36 SUSTAINED REDUCTION OF 2-OXOGLUTARATE DEHYDROGENASE COMPLEX ACTIVITY IN RAT BRAIN AFTER VENTRICULAR FIBRILLATION CARDIAC ARREST MAY CONTRIBUTE TO EXTENDED EXCITOTOXICITY *Sandra Höglér*

ORAL ABSTRACTS

Veterinary Pathology | Friday 30th August 2024

- 12.00-12.12 TUMOR INFILTRATING LYMPHOCYTES (TILS) VARIES IN DIFFERENT CANINE SOFT TISSUE SARCOMA (STS) TYPES. *Giancarlo Avallone*
- 12.12-12.24 ASSOCIATION BETWEEN DOMESTIC CAT HEPADNAVIRUS AND FELINE HEPATOCELLULAR CARCINOMA *Min Chun Chen*
- 12.24-12.36 PATIENT-DERIVED EXPLANTS FROM CANINE MAMMARY GLAND CANCER USING HETEROLOGOUS PLATELET-RICH PLASMA AS CULTURE MEDIUM
Alessandra Sfacteria
- 12.36-12.48 HIGH-THROUGHPUT MULTI-DRUG SCREENING FOR IDENTIFYING POTENTIAL NEW THERAPIES IN MUCOSAL MELANOMA *Alice Musi*
- 12.48-13.00 FELINE NASAL PLANUM SQUAMOUS CELL CARCINOMA: PRELIMINARY INVESTIGATION ON EPITHELIAL TO MESENCHYMAL TRANSITION (EMT) AND FELINE PAPILOMA VIRUS INFECTION STATUS *Federico Armando*
- 14.15-14.27 FREQUENCY OF DETECTION OF PORCINE CIRCOVIRUSES IN RETROSPECTIVELY SELECTED CASES OF PORCINE DERMATITIS AND NEPHROPATHY SYNDROME *Àlex Cobos*
- 14.27-14.39 IDIOPATHIC INTERSTITIAL PNEUMONIAS IN FOALS FROM CALIFORNIA, 1990-2020 *Javier Asin*
- 14.39-14.51 OVINE ICHTHYOSIS CONGENITA: DESCRIPTION AND CLINICOPATHOLOGIC EVOLUTION *Álex Gómez*
- 14.51-15.03 ULTRASTRUCTURAL AND TRANSCRIPTOME ANALYSIS OF CEREBELLUM IN PIGLETS BORN WITH CONGENITAL TREMOR TYPE A-II, A LONGITUDINAL STUDY
Anna Bergfeldt
- 15.03-15.15 CARPAL CONTRACTURE-A PILOT STUDY OF AN INCREASING FRONT LEG PROBLEM IN NORWEGIAN PIG *Randi Sørby*
- 15.15-15.27 BLUETONGUE IN BIGHORN SHEEP IN CENTRAL/SOUTHERN CALIFORNIA *Eileen Henderson*
- 15.27-15.39 PNEUMONIA IN CALIFORNIA DONKEYS *Nicolas Streitenberger*
- 15.15-15.27 MULTIPLEX IMMUNOHISTOCHEMISTRY AND SUPERVISED MACHINE LEARNING FOR IMMUNE CELLS TOPOGRAPHY IN CANINE PDL1 TESTED UROTHELIAL CARCINOMA *Luisa Vera Muscatello*
- 15.27-15.39 IMPLEMENTING AI IN DIGITAL HISTOPATHOLOGY: TOWARDS QUANTITATIVE ANALYSIS AND MACHINE LEARNING INTEGRATION IN DIAGNOSTICS AND RESEARCH
Constance De Meeûs d'Argenteuil
- 17.15-17.27 USING NEXT-GENERATION SEQUENCING AND IN SITU HYBRIDIZATION TO IDENTIFY THANATOTRANSCRIPTOMIC EXPRESSIONS OF MOUSE BRAINS FOR ESTIMATING POSTMORTEM INTERVALS *Wei-Hsiang Huang*
- 17.27-17.39 INTESTINAL AND PERITONEAL LESIONS IN WOUNDED UMBILICAL OUTPOUCHINGS IN PIGS AFTER TRANSPORTATION *Henrik Elvang Jensen*



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