

**SATURDAY, 12 MAY 2018**

**08.30 – 10.15 SCIENTIFIC SESSION**

Session Chairs: James Oliver & Freya Mowat

08.30 – 08.45 CHARACTERIZATION OF THE OCULAR SURFACE MICROBIOME IN HEALTHY DOGS: A NOVEL PERSPECTIVE USING HIGH-THROUGHPUT SEQUENCING

ML Leis & MO Costa

08.45 – 09.00 EVALUATION OF PRION TRANSMISSION ASSOCIATED WITH CORNEAL TRANSPLANTATION IN A SHEEP-SCRAPIE MODEL

JY Douet, H Cassard, A Huor, C Lacroux, S Lujan, C Tillier, N Aron & O Andreoletti

09.00 – 09.15 MESENCHYMAL STEM CELLS IN THE CANINE CORNEAL STROMA

C Kafarnik, JT Daniels & DJ Guest

09.15 – 09.30 DESCemet'S MEMBRANE DETACHMENT OR RUPTURE IN THE HORSE AND NOVEL APPROACHES TO THERAPY

RJ McMullen Jr. & RM Galarza Rodriguez

09.30 – 09.45 NONCONTACT INFRARED MEIBOGRAPHY AND TEAR FILM INTERFEROMETRY IN THE DIAGNOSIS OF OCULAR SURFACE DISORDERS IN DOGS AND CATS

C Peruccio

09.45 – 10.00 EFFECT OF TEAR COLLECTION ON LACRIMAL TOTAL PROTEIN CONTENT IN DOGS AND CATS: A COMPARISON BETWEEN SCHIRMER STRIPS AND OPHTHALMIC SPONGES

L Sebbag, EM McDowell, PM Hepner, JP Mochel

10.00 – 10.15 CLINICAL EFFICACY AND POTENTIAL SIDE-EFFECTS OF TOPICAL PENCICLOVIR CREAM 1% (PENLIPS®) IN CATS WITH CLINICAL SIGNS OF FELINE HERPESVIRUS TYPE 1 CONJUNCTIVITIS

O Peer, T Adler & R Ofri

**10.15 – 10.45 COFFEE BREAK**

**10.45 – 12.00 STATE OF THE ART LECTURE**

CAN COMPANION ANIMALS BENEFIT FROM ADVANCES IN HUMAN OPHTHALMIC STEM CELL THERAPY?

Julie T. Daniels

**12.00 – 13.00 LUNCH AND INDUSTRIAL EXHIBITION**

**13.00 – 14.00 POSTER SESSION / DISCUSSION POSTERS with even numbers**

**14.00 – 15.00 SCIENTIFIC SESSION**

Session Chairs: Rose Linn-Pearl & Maria Kallberg

14.00 – 14.15 BLEPHARITIS ASSOCIATED WITH TOPICAL CIDOFOVIR ADMINISTRATION IN CATS

KM Smith Fleming & BC Martins

- 14.15 – 14.30 NOVEL BIODEGRADABLE INTRACAMERAL (IC) IMPLANTS PROVIDE LONG-TERM INTRAOCULAR PRESSURE (IOP) CONTROL IN DOGS WITH PRIMARY GLAUCOMA BY CONSTANT SLOW RELEASE OF LATANOPROST FREE ACID (LFA)  
AM Komáromy, KL Koehl, CD Harman, GA Stewart, NM Wolinski, TN Norris, D Valade, I Chekhtman, T Reeves, JN Lambert, AC Donohue & RJ Tait
- 14.30 – 14.45 SHORT-SIGHTED! HOW SELECTION FOR SHORT STATURE MAY CONTRIBUTE TO INCREASED GLAUCOMA PREVALENCE IN DOGS  
EC Jeanes, JAC Oliver, SL Ricketts, DJ Gould & CS Mellersh
- 14.45 – 15.00 PRIMARY CLOSED ANGLE GLAUCOMA IN THE BASSET HOUND: GENETIC INVESTIGATIONS USING GENOME-WIDE ASSOCIATION AND NEXT GENERATION SEQUENCING STRATEGIES  
JAC Oliver, SL Ricketts & CS Mellersh
- 15.00 – 15.30 COFFEE BREAK**
- 15.30 – 16.30 SCIENTIFIC SESSION**  
Session Chairs: Andras Komáromy & Marian Matas
- 15.30 – 15.45 ASSESSMENT OF GENERALIZED PROGRESSIVE RETINAL ATROPHY (GPRA) IN MIXED BREED DOGS USING SPECTRAL DOMAIN OPTICAL COHERENCE TOMOGRAPHY (SD-OCT) AND ELECTRORETINOGRAPHY  
I Balicki, M Szadkowski, A Balicka, M Lew & A Trbolova
- 15.45 – 16.00 EVALUATION OF RETINAL MORPHOLOGY AND BLOOD FLOW IN CANINE SUDDEN ACQUIRED RETINAL DEGENERATION SYNDROME USING OPTICAL COHERENCE TOMOGRAPHY AND FLUORESCEIN ANGIOGRAPHY  
S Osinchuk, M Leis, L Sandmeyer, & B Grahn
- 16.00 – 16.15 RHODOPSIN KNOCKDOWN AND REPLACEMENT WITH A SINGLE AAV VECTOR PREVENTS DEGENERATION IN A CANINE MODEL OF RHO-adRP  
WA Beltran, AV Cideciyan, R Sudharsan, VL Dufour, M Massengill, S Iwabe, M Swider, B Lisi, SG Jacobson, WW Hauswirth, AS Lewin & GD Aguirre
- 16.15 – 16.30 SIX YEARS AND COUNTING! LONG TERM RESTORATION OF PHOTOPIC RETINAL FUNCTION AND VISUAL BEHAVIOUR FOLLOWING GENE THERAPY IN A SHEEP MODEL OF CNGA3 ACHROMATOPSIA  
R Ofri, E Banin, R Ezra-Elia, M Ross, H Honig, A Oobolensky, A Rosov, E Averbukh, WW Hauswirth & E Gootwine
- 16.30 – 17.30 CLOSING AND AWARDS**