Programme

08.30-9.00 Registration and coffee (mounting of posters, uploading presentations)

09.00-09.05 Welcome - President of the VSD2017 Hélène Verheije

09.05-09.10 Opening of the VSD2017 - Prof. Dr. Alain de Bruin of the FVM Research Board

09.10-09.15 Introduction of Roelen – Penning-penning

09.15-10.15 ‘Linked minds’ – session I (2x 12 min w/ 6 min discussion)
   Chairs Frank van Steenbeek and Mathijs Theelen
   09.15-09.45 Mammalian early embryonic development
      Hilde Aardema (FAH) Learning lessons from mammalian early embryonic development outside the animal part I: fatty acid stress prevention by cumulus cells
      Bart Gadella (BC) Learning lessons from mammalian early embryonic development outside the animal part II: A new oviduct-on-a-chip approach

09.45-10.15 New approaches to determine chronic stress and welfare in wildlife
   Lonneke IJsseldijk (PB) Causes of death and health status of harbor porpoises – what about welfare?
   Heidi Lesscher (DWM) Cortisol and brain corticosteroid receptors – welfare from deer to porpoise

10.15-11.30 Coffee break

11.30-12.30 ‘Linked minds’ – session II (2x 12 min w/ 6 min discussion)
   Chairs Frank van Steenbeek and Mathijs Theelen
   11.30-12.00 Microbiome and antimicrobial resistance
      Aldert Zomer (I&I) Antimicrobial use and microbiome dynamics
      Roosmarijn Luiken (IRAS) The association between antimicrobial use and the fecal resistome on broiler farms from nine European countries

12.00-12.30 Orthopedic problems and solutions
   Filippe Serra Bragança (ES) Where does it hurt? Objective assessment of orthopaedic pain in horses in a multicenter study design
   Anna Tellegen (CSCA) Controlled release of celecoxib from polyesteramide microparticles in a pre-clinical osteoarthritis model and canine patients suffering from osteoarthritis

12.30-13.30 Lunch

13.30-13.45 ‘Linkable minds’ (8x 12 min w/ 3 min discussion)
   Chairs Jelle Vlaanderen and Hille Fieten
   13.30-13.45 Loes Oosterhoff (CSCA) Establishment of a vasculogenesis bioreactor

13.45-14.00 Erik de Vries (I&I) Novel aspects of the dynamics of Influenza A virus-receptor interactions revealed by biolayer interferometry

14.00-14.15 Hannah Versteegh (PB) Whole Transcriptome Analysis and Canine Tumor Organoids, the Next Steps in Personalized Medicine


14.30-14.45 Myrma de Rooij (IRAS) Temporal variation of concentrations of airborne bacteria and antimicrobial resistance genes measured in ambient air in a livestock dense area

14.45-15.00 Nikiy de Fonseca (ES) Effect of a high-energy diet rich in carbohydrates and fat on glucose metabolism, blood pressure and echocardiographic changes in Shetland pony mares

15.00-15.15 Carlos Voogdt (I&I) Duplicated TLR5 of zebrafish functions as a heterodimeric receptor

15.15-15.30 Marthe Lindenbergh (BC) Pathogens that are phagocytosed by dendritic cells can be regurgitated back into the extracellular space together with MHC carrying extracellular vesicles

15.30-16.30 Coffee break

16.30-16.40 Poster removal

16.45-16.55 Award ceremony Best Poster and Roelen - Penning penning

17.00-17.10 Introduction keynote speaker - Hélène Verheije

17.15-18.15 Dinner

18.30-21.00 Drinks & closure

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