

	Parallel ESVV session 1	Parallel ESVV session 2	Parallel ESVV session 3
Topic	Virus evolution	Influenza	Arboviruses
Duration	90 min	90 min	90 min
	Chair: T. Drew & E. Albina	Chair: T. Van den Berg & M. Beer	Chair: T. Mettenleiter & S. Gutierrez
11h00-11h15	Genetic characterization of a distinct worldwide-spread genetic lineage of Infectious Bursal Disease virus <u>Ruben Pérez</u> , Martín Hernández, Gonzalo Tomás, Ana Marandino, Gregorio Iraola, Diego Hernández, Pedro Villegas, Alejandro Banda, Yanina Panzera	Codon deletions and substitutions in the PA linker of the RNA-polymerase allow generation of temperature-sensitive and attenuated influenza viruses Léa Meyer, Bruno Da Costa, Alix Sausset, Ronan Le Goffic, <u>Bernard Delmas</u>	Knockout of non-structural protein NS3/NS3a abolishes propagation of bluetongue virus in <i>Culicoides sonorensis</i> <u>Femke Feenstra</u> , Barbara Drolet, René van Gennip, Jan Boonstra, Piet van Rijn
11h15-11h30	Characterization and phylogenetic analysis of cetacean morbillivirus infection in eastern Atlantic-based cetacean populations <u>Carolina Bento</u> , C. Eira, J. Vingada, M. Ferreira, A. Lopez, L. Tavares, A. Duarte	Detection of a new Influenza D Virus in Cattle, France, 2011-2014 <u>Elias Salem</u> , Gilles Meyer, Claire Pelletier, Hervé Cassard, Mariette Ducatez	Genetic diversity of West Nile virus in Europe <u>Norbert Nowotny</u> , Tamás Bakonyi, Jolanta Kolodziejek, Ivo Rudolf, Zdenek Hubálek, Karin Pachler, Karin Sekulin, Bernhard Seidel
11h30-11h45	Development of a bioinformatics pipeline to identify and characterise minor variants in Foot-and-mouth disease virus populations using data generated from the Illumina MiSeq <u>David King</u> , Graham Freimanis, Richard Orton, Donald King, Daniel Haydon	Anti-nucleocapsid protein antibody is sufficient to confer resistance to lethal infection with influenza A viruses of several subtypes in transgenic mice <u>Yoshikazu Fujimoto</u> , Kinuyo Ozaki, Gen-Ichiro Uechi, Hiroki Takakuwa, Yukiko Tomioka, Toshiyo Yabuta, Haruka Suyama, Sayo Yamamoto, Masami Morimatsu, Toshihiro Ito, Koichi Otsuki, Mai Q. Le, Tetsu Yamashiro, Etsuro Ono	The entomological surveillance of West Nile virus in Lombardia and Emilia-Romagna regions, Northern Italy, 2014 <u>Mattia Calzolari</u> , Davide Lelli, Romeo Bellini, Paolo Bonilauri, Francesco Defilippo, Giulia Maioli, Ana Moreno Martin, Marco Tamba, Mario Chiari, Paola Angelini, Silvano Natalini, Marco Farioli, Antonio Lavazza, Alice Prosperi, Francesca Faccin, Mariagrazia Zanoni, Michele Dottori
11h45-12h00	Comparative molecular epidemiology of the two closely related bovine coronavirus (BCoV) and human coronavirus OC43 (HCoV-OC43) revealed different evolution dynamic pattern <u>Nathalie Kin</u> , Meriadeg Le Gouil, Fabien Mischczak, Laure Diancourt, Valérie Caro, Astrid Vabret	Mutation of Serpine1 in mice results in increased susceptibility to influenza A virus infection due to increased vascular leakage and virus dissemination <u>Dai-Lun Shin</u> , Bastian Hatesuer, Ruth L.O. Stricker, Klaus Schughart	Broad Molecular Detection of Flaviviruses <u>Alia Yacoub</u> , Giorgi Matreveli, Valeria Ieskova, Frederik Widén, Kerstin Falk, Sándor Belák, Mikael Leijon
12h00-12h15	Fitness evaluation and molecular characterization of a recombinant murine norovirus during serial passages in cell culture <u>Edmilson Ferreira de Oliveira Filho</u> , Elisabetta Di Felice, Barbara Toffoli, William Zonta, Ana Carolina Terzian, Elizabeth Mathijs, Etienne Thiry, Axel Mauroy	Antigenic mapping of the avian influenza virus M2 protein extracellular domain using overlapping short peptides-based ELISA <u>Noor Haliza Hasan</u> , Jagoda Ignjatovic, Simson Tarigan, Anne Peaston, Farhid Hemmatzadeh	Demographics of natural oral infection of mosquitos by Venezuelan equine encephalitis virus <u>Serafin Gutierrez</u>
12h15-12h30		<i>Streptococcus suis</i> affects the replication of swine influenza virus in porcine tracheal cells <u>Nai-Huei Wu</u> , Fandan Meng, Maren Seitz, Peter Valentin-Weigand, Georg Herrler	Simbu sero-group virus serum neutralizing antibodies in cattle in Tanzania Coletha Mathew, Siv Klevar, Armin Elbers, Wim van der Poel, Peter Kirkland, Jacques Godfroid, Robinson Mdegela, George Mwamengele, <u>Maria Stokstad</u>