

PMID	Title	Authors	Citation
	<b>Viral cell cycle &amp; Cell Host - Interactions</b>		
34960718	Modelling Mutation in Equine Infectious Anemia Virus Infection Suggests a Path to Viral Clearance with Repeated Vaccination	Schwartz EJ, Costris-Vas C, Smith SR.	Viruses. 2021 Dec 6
34495693	Truncation of the Cytoplasmic Tail of Equine Infectious Anemia Virus Increases Virion Production by Improving Env Cleavage and Plasma Membrane Localization	Wang XF, Wang YH, Bai B, Zhang M, Chen J, Zhai Cursino AE, Lima MT, Nogueira MF, de Aguiar DI	J Virol. 2021 Nov 9
33283463	Identification of large genetic variations in the equine infectious anemia virus tat-gag genomic region	Transbound Emerg Dis. 2021 Nov	Autophagy. 2021 Oct
33172327	Equine lentivirus counteracts SAMHD1 restriction by Rev-mediated degradation of SAMHD1 via the BECN1-dependent lysosomal pathway	Ren H, Yin X, Su C, Guo M, Wang XF, Na L, Lin Y, Chang YF.	Equine Vet J. 2021 Jul
34131946	The reproductive syndrome in equine leptospirosis	Diehl WE, Guney MH, Vanzo T, Kyawe PP, White Yin X, Hu Z, Gu Q, Wu X, Zheng YH, Wei P, Wang Dostálková A, Vokatá B, Kaufman F, Ulbrich P, R Lin Y, Wang XF, Wang Y, Du C, Ren H, Liu C, Zhu Cappai MG, Pudda F, Wolf P, Accioni F, Boatto G Morrison JH, Miller C, Bankers L, Cramer G, Wai Fagre AC, Mayo CE, Pablonia KL, Landolt GA.	Viruses. 2021 Jan 18
34209034	Influence of Different Glycoproteins and of the Virion Core on SERINC5 Antiviral Activity	Timilsina U, Umthong S, Lynch B, Stablewski A, S Liu Q, Yu YY, Wang HY.	Emerg Microbes Infect. 2020 Dec
33627514	Correction for Yin et al., "Equine Tetherin Blocks Retrovirus Release and Its Activity Is Antagonized by Equine Infectious Anemia Virus Envelope Protein"	Stoneham CA, Ramirez PW, Singh R, Suarez M, E Dick RA, Xu C, Morado DR, Kravchuk V, Ricana C Wang XF, Bai B, Lin Y, Qi T, Du C, Song M, Wang Du C, Duan Y, Wang XF, Lin Y, Na L, Wang X, Che Ovejero CA, González SA, Affranchino JL.	J Equine Vet Sci. 2020 Nov
33477490	Effect of Small Polyanions on In Vitro Assembly of Selected Members of Alpha-, Beta- and Gammaretroviruses	A Potent Postentry Restriction to Primate Lentiviruses in a Yinpterochiropteran Bat	mBio. 2020 Sep 15
32525460	Env diversity-dependent protection of the attenuated equine infectious anaemia virus vaccine	Seroprevalence of Leptospira spp. in Colorado equids and association with clinical disease	J Vet Diagn Invest. 2020 Sep
33077079	Variation of Hematochemical Profile and Vitamin E Status in Feral Giara Horses From Free Grazing in the Wild to Hay Feeding During Captivity	SERINC5 Potently Restricts Retrovirus Infection In Vivo	mBio. 2020 Jul 14
32934084	A Conserved Acidic-Cluster Motif in SERINC5 Confers Partial Resistance to Antagonism by HIV-1 Nef	Comparative analysis of CpG islands in equine infectious anemia virus strains	Viruses. 2020 Jun
32715980	Structures of immature EIAV Gag lattices reveal a conserved role for IP6 in lentivirus assembly	A Conserved Acidic-Cluster Motif in SERINC5 Confers Partial Resistance to Antagonism by HIV-1 Nef	J Virol. 2020 Mar 17
32655269	High-Efficiency Rescue of Equine Infectious Anemia Virus from a CMV-Driven Infectious Clone	Structures of immature EIAV Gag lattices reveal a conserved role for IP6 in lentivirus assembly	PLoS Pathog. 2020 Jan 27
32239368	Attenuation of Equine Lentivirus Alters Mitochondrial Protein Expression Profile from Inflammation to Apoptosis	High-Efficiency Rescue of Equine Infectious Anemia Virus from a CMV-Driven Infectious Clone	Virol Sin. 2019 Dec
31941773	The Conserved Tyr176/Leu177 Motif in the $\alpha$ -Helix 9 of the Feline Immunodeficiency Virus Capsid Protein Is Critical for Gag Particle Assembly	Attenuation of Equine Lentivirus Alters Mitochondrial Protein Expression Profile from Inflammation to Apoptosis	J Virol. 2019 Oct 15
31986188	A PLPPV sequence in the p8 region of Gag provides late domain function for mouse mammary tumor virus	The Conserved Tyr176/Leu177 Motif in the $\alpha$ -Helix 9 of the Feline Immunodeficiency Virus Capsid Protein Is Critical for Gag Particle Assembly	Viruses. 2019 Sep 4
31376080	The retroviral accessory proteins S2, Nef, and glycoMA use similar mechanisms for antagonizing the host restriction factor SERINC5	A PLPPV sequence in the p8 region of Gag provides late domain function for mouse mammary tumor virus	Virology. 2019 Sep
31391270	Thermostable properties of the equine infectious anemia virus nucleocapsid protein Ncp11	The retroviral accessory proteins S2, Nef, and glycoMA use similar mechanisms for antagonizing the host restriction factor SERINC5	J Biol Chem. 2019 Apr 26
31487820	Interplay of ancestral non-primate lentiviruses with the virus-restricting SAMHD1 proteins of their hosts	Thermostable properties of the equine infectious anemia virus nucleocapsid protein Ncp11	Biochem Biophys Res Commun. 2019 Mar 12
31357166	Equine MX2 is a restriction factor of equine infectious anemia virus (EIAV)	Interplay of ancestral non-primate lentiviruses with the virus-restricting SAMHD1 proteins of their hosts	Virology. 2018 Oct
30862674	Equine Myxovirus Resistance Protein 2 Restricts Lentiviral Replication by Blocking Nuclear Uptake of Capsid Protein	Equine MX2 is a restriction factor of equine infectious anemia virus (EIAV)	J Virol. 2018 Aug 29
30737028	Prospects in Innate Immune Responses as Potential Control Strategies against Non-Primate Lentiviruses	Equine Myxovirus Resistance Protein 2 Restricts Lentiviral Replication by Blocking Nuclear Uptake of Capsid Protein	Viruses. 2018 Aug 17
30181218	Characterization of Equine Infectious Anemia Virus Long Terminal Repeat Quasispecies In Vitro and In Vivo	Prospects in Innate Immune Responses as Potential Control Strategies against Non-Primate Lentiviruses	J Virol. 2018 Mar 28
30081309	A Quasi-Steady-State Approximation to the Basic Target-Cell-Limited Viral Dynamics Model with a Non-Cytopathic Effect	Characterization of Equine Infectious Anemia Virus Long Terminal Repeat Quasispecies In Vitro and In Vivo	Front Microbiol. 2018 Jan 31
29743377	Dynamics of lentiviral infection in vivo in the absence of adaptive immune responses	A Quasi-Steady-State Approximation to the Basic Target-Cell-Limited Viral Dynamics Model with a Non-Cytopathic Effect	Virology. 2018 Jan 1
30126090	HIV Vaccine Mystery and Viral Shell Disorder	Dynamics of lentiviral infection in vivo in the absence of adaptive immune responses	Biomolecules. 2019 May 8
29386282			
29445361			
29055819			
31072073			
	<b>EIAV Diagnostics Techniques</b>		
33609629	Comparison of serological techniques for the diagnosis of equine infectious anemia in an endemic area of Argentina	Espasandín AG, Cipolini MF, Forletti A, Díaz S, Sc Rodríguez Domínguez MC, Montes-de-Oca-Jimé Torii Y, Horiba K, Hayano S, Kato T, Suzuki T, Kav Bueno BL, Cámara RJF, Moreira MVL, Galinari GI Deshieri A, Berthet N, Lecouturier F, Gaudaire D Dorey-Robinson DLW, Locker N, Steinbach F, Ch Cook RF, Barrandeguy M, Lee PA, Tsai CF, Shen S Scicluna MT, Autorino GL, Cook SJ, Issel CJ, Cook Naves JHFF, Oliveira FG, Bicalho JM, Santos PS, F Fontes KFLP, Silva-Júnior LC, Nascimento SA, Ch Nemoto M, Yamanaka T, Bannai H, Tsujimura K, Scicluna MT, Autorino GL, Nogaro C, Ricci I, Fro	J Virol Methods. 2021 May
33663722	Evaluation of Equine Infectious Anemia Virus by the Indirect Enzyme-linked Immunosorbent Assay EIA-LAB as Screening Tools in Mexico	Rodríguez Domínguez MC, Montes-de-Oca-Jimé Torii Y, Horiba K, Hayano S, Kato T, Suzuki T, Kav Bueno BL, Cámara RJF, Moreira MVL, Galinari GI Deshieri A, Berthet N, Lecouturier F, Gaudaire D Dorey-Robinson DLW, Locker N, Steinbach F, Ch Cook RF, Barrandeguy M, Lee PA, Tsai CF, Shen S Scicluna MT, Autorino GL, Cook SJ, Issel CJ, Cook Naves JHFF, Oliveira FG, Bicalho JM, Santos PS, F Fontes KFLP, Silva-Júnior LC, Nascimento SA, Ch Nemoto M, Yamanaka T, Bannai H, Tsujimura K, Scicluna MT, Autorino GL, Nogaro C, Ricci I, Fro	J Equine Vet Sci. 2021 Mar
33059644	Comprehensive pathogen detection in sera of Kawasaki disease patients by high-throughput sequencing: a retrospective exploratory study	Comprehensive pathogen detection in sera of Kawasaki disease patients by high-throughput sequencing: a retrospective exploratory study	BMC Pediatr. 2020 Oct 15
32266552	Molecular detection, histopathological analysis, and immunohistochemical characterization of equine infectious anemia virus in naturally infected equids	Molecular detection, histopathological analysis, and immunohistochemical characterization of equine infectious anemia virus in naturally infected equids	Arch Virol. 2020 Jun
31493650	Molecular characterization of Equine Infectious Anemia Viruses using targeted sequence enrichment and next generation sequencing	Molecular characterization of Equine Infectious Anemia Viruses using targeted sequence enrichment and next generation sequencing	Virology. 2019 Nov
31267701	Molecular characterization of equine infectious anaemia virus strains detected in England in 2010 and 2012	Molecular characterization of equine infectious anaemia virus strains detected in England in 2010 and 2012	Transbound Emerg Dis. 2019 Nov
30353944	Rapid detection of equine infectious anaemia virus nucleic acid by insulated isothermal RT-PCR assay to aid diagnosis under field conditions	Rapid detection of equine infectious anaemia virus nucleic acid by insulated isothermal RT-PCR assay to aid diagnosis under field conditions	Equine Vet J. 2019 Jul
30684508	Validation of an immunoblot assay employing an objective reading system and used as a confirmatory test in equine infectious anaemia surveillance programs	Validation of an immunoblot assay employing an objective reading system and used as a confirmatory test in equine infectious anaemia surveillance programs	J Virol Methods. 2019 Apr
30576724	Serological diagnosis of equine infectious anemia in horses, donkeys and mules using an ELISA with a gp45 synthetic peptide as antigen	Serological diagnosis of equine infectious anemia in horses, donkeys and mules using an ELISA with a gp45 synthetic peptide as antigen	J Virol Methods. 2019 Apr
29982961	Enzyme-linked immunosorbent assay and agar gel immunodiffusion assay for diagnosis of equine infectious anemia employing p26 protein fused to the maltose-binding protein	Enzyme-linked immunosorbent assay and agar gel immunodiffusion assay for diagnosis of equine infectious anemia employing p26 protein fused to the maltose-binding protein	Arch Virol. 2018 Oct
29899176	Comparison of two agar gel immunodiffusion protocols for diagnosing equine infectious anemia	Comparison of two agar gel immunodiffusion protocols for diagnosing equine infectious anemia	J Vet Med Sci. 2018 Aug 10
28986292	Validation of an indirect ELISA employing a chimeric recombinant gag and env peptide for the serological diagnosis of equine infectious anemia	Validation of an indirect ELISA employing a chimeric recombinant gag and env peptide for the serological diagnosis of equine infectious anemia	J Virol Methods. 2018 Jan
	<b>EIAV world outbreaks – New isolated EIAV Strains</b>		
33797316	Molecular detection of equine infectious anemia virus in clinically normal, seronegative horses in an endemic area of Mexico	Romo-Sáenz CI, Tamez-Guerra P, Olivas-Holguin Machado G, Corbellini LG, Frias-De-Diego A, Die Lupulovic D, Savić S, Gaudaire D, Berthet N, Grgi Hébert L, Polledo G, Lecouturier F, Giorgi M, Bec Malossi CD, Fioratti EG, Cardoso JF, Magro AJ, Ki Cook SJ, Li G, Zheng Y, Willand ZA, Issel CJ, Cook Padalino B, Rosanowski SM, Di Bella C, Lacinio Lohmann KL, James CR, Higgins SN, Howden KJ, Zimmer U, Thür B.	J Vet Diagn Invest. 2021 Jul
33713963	Impact of changes of horse movement regulations on the risks of equine infectious anemia: A risk assessment approach	Machado G, Corbellini LG, Frias-De-Diego A, Die Lupulovic D, Savić S, Gaudaire D, Berthet N, Grgi Hébert L, Polledo G, Lecouturier F, Giorgi M, Bec Malossi CD, Fioratti EG, Cardoso JF, Magro AJ, Ki Cook SJ, Li G, Zheng Y, Willand ZA, Issel CJ, Cook Padalino B, Rosanowski SM, Di Bella C, Lacinio Lohmann KL, James CR, Higgins SN, Howden KJ, Zimmer U, Thür B.	Prev Vet Med. 2021 May
33858420	Identification and genetic characterization of equine infectious anemia virus in Western Balkans	Identification and genetic characterization of equine infectious anemia virus in Western Balkans	BMC Vet Res. 2021 Apr 15
34024382	Serological evidence of equine infectious anaemia, West Nile fever, surra and equine piroplasmosis in a herd of horses in northern Argentina	Serological evidence of equine infectious anaemia, West Nile fever, surra and equine piroplasmosis in a herd of horses in northern Argentina	Vet Parasitol Reg Stud Reports. 2021 Apr 15
32059508	High Genomic Variability in Equine Infectious Anemia Virus Obtained from Naturally Infected Horses in Pantanal, Brazil: An Endemic Region Case	High Genomic Variability in Equine Infectious Anemia Virus Obtained from Naturally Infected Horses in Pantanal, Brazil: An Endemic Region Case	Viruses. 2020 Feb 12
31952638	Molecular Characterization of the Major Open Reading Frames (ORFs) and Enhancer Elements From Four Geographically Distinct North American Equine Infectious Anemia Virus (EIAV) Isolates	Molecular Characterization of the Major Open Reading Frames (ORFs) and Enhancer Elements From Four Geographically Distinct North American Equine Infectious Anemia Virus (EIAV) Isolates	J Equine Vet Sci. 2020 Feb
31791528	Piroplasmosis in Italian Standardbred Horses: 15 Years of Surveillance Data	Piroplasmosis in Italian Standardbred Horses: 15 Years of Surveillance Data	J Equine Vet Sci. 2019 Dec
31692681	Disease investigations for equine infectious anemia in Canada (2009-2012) – Retrospective evaluation and risk factor analysis [Equine Infectious Anaemia - a review from an official veterinary perspective]	Disease investigations for equine infectious anemia in Canada (2009-2012) – Retrospective evaluation and risk factor analysis [Equine Infectious Anaemia - a review from an official veterinary perspective]	Can Vet J. 2019 Nov
31685466	Seasonal succession of tabanid species in equine infectious anaemia endemic areas of Italy	Seasonal succession of tabanid species in equine infectious anaemia endemic areas of Italy	Schweiz Arch Tierheilkd. 2019 Nov
30775793	Surveillance of the equine infectious anemia virus in Eastern and Central Saudi Arabia during 2014-2016	Surveillance of the equine infectious anemia virus in Eastern and Central Saudi Arabia during 2014-2016	Med Vet Entomol. 2019 Sep
31327910	Characterization of EIAV env Quasispecies during Long-Term Passage In Vitro: Gradual Loss of Pathogenicity	Characterization of EIAV env Quasispecies during Long-Term Passage In Vitro: Gradual Loss of Pathogenicity	Vet World. 2019 May
31022927	Spatial distribution and risk factors for equine infectious anaemia in the state of Mato Grosso, Brazil	Spatial distribution and risk factors for equine infectious anaemia in the state of Mato Grosso, Brazil	Viruses. 2019 Apr 24
30964455	Equine infectious anemia virus in naturally infected horses from the Brazilian Pantanal	Equine infectious anemia virus in naturally infected horses from the Brazilian Pantanal	Rev Sci Tech. 2018 Dec
29752558	Molecular characterization of equine infectious anaemia virus from a major outbreak in southeastern France	Molecular characterization of equine infectious anaemia virus from a major outbreak in southeastern France	Arch Virol. 2018 Sep
28503813			Transbound Emerg Dis. 2018 Feb