

PubMed ▼

(iowa state university college of veterinary medicine) AND ("4/29/2019"[Date

**Format:** Summary    **Sort by:** Most Recent    **Per page:** 200

## Search results

Items: 1 to 200 of 2111

- [The Rho-independent transcription terminator for the \*porA\* gene enhances expression of the major outer membrane protein and \*Campylobacter jejuni\* virulence in abortion induction.](#)
  1. Dai L, Wu Z, Xu C, Sahin O, Yaeger M, Plummer PJ, Zhang Q.  
Infect Immun. 2019 Sep 30. pii: IAI.00687-19. doi: 10.1128/IAI.00687-19. [Epub ahead of print]  
PMID: 31570559
  
- [Administration of a Synbiotic Containing \*Enterococcus faecium\* Does Not Significantly Alter Fecal Microbiota Richness or Diversity in Dogs With and Without Food-Responsive Chronic Enteropathy.](#)
  2. Pilla R, Guard BC, Steiner JM, Gaschen FP, Olson E, Werling D, Allenspach K, Salavati Schmitz S, Suchodolski JS.  
Front Vet Sci. 2019 Aug 30;6:277. doi: 10.3389/fvets.2019.00277. eCollection 2019.  
PMID: 31552278    **Free PMC Article**
  
- [Genetic Parameter Estimation and Genomic Prediction of Duroc Boars' Sperm Morphology Abnormalities.](#)
  3. Zhao Y, Gao N, Cheng J, El-Ashram S, Zhu L, Zhang C, Li Z.  
Animals (Basel). 2019 Sep 23;9(10). pii: E710. doi: 10.3390/ani9100710.  
PMID: 31547493    **Free Article**
  
- [Immune thrombocytopenia \(ITP\): Pathophysiology update and diagnostic dilemmas.](#)
  4. LeVine DN, Brooks MB.  
Vet Clin Pathol. 2019 Sep 19. doi: 10.1111/vcp.12774. [Epub ahead of print] Review.  
PMID: 31538353

- [A Porcine circovirus type 2b \(PCV2b\)-based experimental vaccine is effective in the PCV2b-Mycoplasma hyopneumoniae coinfection pig model.](#)

5. Opriessnig T, Castro AMMG, Karuppanan AK, Gauger PC, Halbur PG, Matzinger SR, Meng XJ. Vaccine. 2019 Oct 16;37(44):6688-6695. doi: 10.1016/j.vaccine.2019.09.029. Epub 2019 Sep 16.  
PMID: 31537445
- [Motility and recovery of alpaca \(\*Vicugna pacos\*\) spermatozoa after centrifugation in a density gradient solution.](#)

6. Gómez-Quispe OE, Gutiérrez-Reynoso GA, Gallegos-Cardenas A, Fumuso FG, Asparrin M, Asparrin-Del Carpio M, Jara CW, Ponce D, Miguel M, Youngs CR, Vivanco HW. Iran J Vet Res. 2019 Spring;20(2):96-104.  
PMID: 31531031 **Free PMC Article**
- [Machine-learning algorithms to identify key biosecurity practices and factors associated with breeding herds reporting PRRS outbreak.](#)

7. Silva GS, Machado G, Baker KL, Holtkamp DJ, Linhares DCL. Prev Vet Med. 2019 Aug 20;171:104749. doi: 10.1016/j.prevetmed.2019.104749. [Epub ahead of print]  
PMID: 31520874
- [Characteristics of subclinical \*Mycobacterium avium\* ssp. \*paratuberculosis\* infection in a captive white-tailed deer herd.](#)

8. Palmer MV, Kanipe C, Cox R, Robbe-Austerman S, Thacker TC. J Vet Diagn Invest. 2019 Sep 11:1040638719873028. doi: 10.1177/1040638719873028. [Epub ahead of print]  
PMID: 31510911
- [Assessment of Dog Owner Concern Regarding Peri-operative Nausea and Vomiting and Willingness to Pay for Anti-emetic Treatment.](#)

9. Kraus BLH, Cazlan C. Front Vet Sci. 2019 Aug 22;6:264. doi: 10.3389/fvets.2019.00264. eCollection 2019.  
PMID: 31508429 **Free PMC Article**
- [MitoPark transgenic mouse model recapitulates the gastrointestinal dysfunction and gut-microbiome changes of Parkinson's disease.](#)

10.

Ghaisas S, Langley MR, Palanisamy BN, Dutta S, Narayanaswamy K, Plummer PJ, Sarkar S, Ay M, Jin H, Anantharam V, Kanthasamy A, Kanthasamy AG.

Neurotoxicology. 2019 Sep 7;75:186-199. doi: 10.1016/j.neuro.2019.09.004. [Epub ahead of print]

PMID: 31505196

[Identification of Host-adaptation Genes in Extraintestinal Pathogenic \*Escherichia coli\* during Infection in Different Hosts.](#)

Zhang H, Chen X, Nolan LK, Zhang W, Li G.

Infect Immun. 2019 Sep 9. pii: IAI.00666-19. doi: 10.1128/IAI.00666-19. [Epub ahead of print]

PMID: 31501251

[Enterocolic increase of cannabinoid receptor type 1 and type 2 and clinical improvement after probiotic administration in dogs with chronic signs of colonic dysmotility without mucosal inflammatory changes.](#)

Rossi G, Gioacchini G, Pengo G, Suchodolski JS, Jergens AE, Allenspach K, Gavazza A, Scarpona S, Berardi S, Galosi L, Bassotti G, Cerquetella M.

Neurogastroenterol Motil. 2019 Sep 8:e13717. doi: 10.1111/nmo.13717. [Epub ahead of print]

PMID: 31495983

[Effect of clinical signs, endocrinopathies, timing of surgery, hyperlipidemia, and hyperbilirubinemia on outcome in dogs with gallbladder mucocele.](#)

Jaffey JA, Pavlick M, Webster CR, Moore GE, McDaniel KA, Blois SL, Brand EM, Reich CF, Motschenbacher L, Hostnik ET, Su D, Lidbury JA, Raab O, Carr SV, Mabry KE, Fox-Alvarez W, Townsend S, Palermo S, Nakazono Y, Ohno K, VanEerde E, Fieten H, Hulsman AH, Cooley-Lock K, Dunning M, Kisielewicz C, Zoia A, Caldin M, Conti-Patara A, Ross L, Mansfield C, Lynn O, Claus MA, Watson PJ, Swallow A, Yool DA, Gommeren K, Knops M, Cepelcha V, de Rooster H, Lobetti R, Dossin O, Jolivet F, Papazoglou LG, Pappalardo MCF, Manczur F, Dudás-Györki Z, O'Neill EJ, Martinez C, Gal A, Owen RL, Gunn E, Brown K, Harder LK, Griebisch C, Anfinsen KP, Gron TK, Marchetti V, Heilmann RM, Pazzi P, DeClue AE.

Vet J. 2019 Sep;251:105350. doi: 10.1016/j.tvjl.2019.105350. Epub 2019 Jul 31.

PMID: 31492387

- [Pharmacological characterization of a homomeric nicotinic acetylcholine receptor formed by \*Ancylostoma caninum\* ACR-16.](#)

Choudhary S, Tipton JG, Abongwa M, Brewer MT, Chelladurai JJ, Musselman N, Martin RJ, Robertson AP. *Invert Neurosci.* 2019 Sep 5;19(4):11. doi: 10.1007/s10158-019-0231-0. PMID: 31486912
- [Antibodies against \*Actinobacillus pleuropneumoniae\*, \*Mycoplasma hyopneumoniae\* and influenza virus and their relationships with risk factors, clinical signs and lung lesions in pig farms with one-site production systems in Brazil.](#)

Baraldi TG, Cruz NRN, Pereira DA, Galdeano JVB, Gatto IRH, Silva AFD, Panzardi A, Linhares DCL, Mathias LA, de Oliveira LG. *Prev Vet Med.* 2019 Aug 21;171:104748. doi: 10.1016/j.prevetmed.2019.104748. [Epub ahead of print] PMID: 31470290
- [Predicting vaccine effectiveness in livestock populations: A theoretical framework applied to PRRS virus infections in pigs.](#)

Bitsouni V, Lycett S, Opriessnig T, Doeschl-Wilson A. *PLoS One.* 2019 Aug 30;14(8):e0220738. doi: 10.1371/journal.pone.0220738. eCollection 2019. PMID: 31469850 **Free PMC Article**
- [Corneal hypoesthesia, aqueous tear deficiency, and neurotrophic keratopathy following micropulse transscleral cyclophotocoagulation in dogs.](#)

Sebbag L, Crabtree EE, Sapienza JS, Kim K, Rodriguez E. *Vet Ophthalmol.* 2019 Aug 29. doi: 10.1111/vop.12705. [Epub ahead of print] PMID: 31464376
- [Genetically divergent porcine sapovirus identified in pigs, United States.](#)

Wang L, Marthaler D, Fredrickson R, Gauger PC, Zhang J, Burrough ER, Petznick T, Li G. *Transbound Emerg Dis.* 2019 Aug 28. doi: 10.1111/tbed.13337. [Epub ahead of print] PMID: 31461567

- [Use of rivaroxaban for treatment of cranial vena cava syndrome secondary to transvenous pacemaker lead thrombosis in a dog.](#)  
19. Lozada Miranda B, Walton R, LeVine DN, Blong A, Ware W, Ward J.  
J Vet Cardiol. 2019 Jul 25;25:7-13. doi: 10.1016/j.jvc.2019.07.002. [Epub ahead of print]  
PMID: 31437785
- [Review: innovation through research in the North American pork industry.](#)  
20. Boyd RD, Zier-Rush CE, Moeser AJ, Culbertson M, Stewart KR, Rosero DS, Patience JF.  
Animal. 2019 Aug 20:1-16. doi: 10.1017/S1751731119001915. [Epub ahead of print]  
PMID: 31426881
- [Development, analytical validation, and initial clinical evaluation of a radioimmunoassay for the measurement of soluble CD25 concentrations in canine serum.](#)  
21. Buono A, Lidbury JA, Wood C, Wilson-Robles H, Dangott LJ, Allenspach K, Suchodolski JS, Steiner JM.  
Vet Immunol Immunopathol. 2019 Sep;215:109904. doi: 10.1016/j.vetimm.2019.109904. Epub 2019 Jul 27.  
PMID: 31420068
- [Reporting and analysis of repeated measurements in preclinical animals experiments.](#)  
22. Zhao J, Wang C, Totton SC, Cullen JN, O'Connor AM.  
PLoS One. 2019 Aug 12;14(8):e0220879. doi: 10.1371/journal.pone.0220879. eCollection 2019.  
PMID: 31404099 **Free PMC Article**
- [Clinical findings, diagnostic test results, and treatment outcome in cats with hiatal hernia: 31 cases \(1995-2018\).](#)  
23. Phillips H, Corrie J, Engel DM, Duffy DJ, Holt DE, Kendall AR, Schmiedt CW, Vetter A, Meren IL, Follette C, Schaeffer DJ, Mayhew PD, Marks SL.  
J Vet Intern Med. 2019 Sep;33(5):1970-1976. doi: 10.1111/jvim.15583. Epub 2019 Aug 9.  
PMID: 31397500 **Free PMC Article**
- [octoFLU: Automated Classification for the Evolutionary Origin of Influenza A Virus Gene Sequences Detected in U.S. Swine.](#)  
24. Chang J, Anderson TK, Zeller MA, Gauger PC, Vincent AL.

Microbiol Resour Announc. 2019 Aug 8;8(32). pii: e00673-19. doi: 10.1128/MRA.00673-19.

PMID: 31395641 **Free PMC Article**

- [Development of core entrustable professional activities linked to a competency-based veterinary education framework.](#)

Molgaard LK, Chaney KP, Bok HGJ, Read EK, Hodgson JL, Salisbury SK, Rush BR, Ilkiw JE, May SA, Danielson JA, Frost JS, Matthew SM.

Med Teach. 2019 Aug 8:1-7. doi: 10.1080/0142159X.2019.1643834. [Epub ahead of print]

PMID: 31393190

- [Repair of base damage within break-induced replication intermediates promotes kataegis associated with chromosome rearrangements.](#)

Elango R, Osia B, Harcy V, Malc E, Mieczkowski PA, Roberts SA, Malkova A.

Nucleic Acids Res. 2019 Oct 10;47(18):9666-9684. doi: 10.1093/nar/gkz651.

PMID: 31392335 **Free PMC Article**

- [High-performance liquid chromatography and Enzyme-Linked Immunosorbent Assay techniques for detection and quantification of aflatoxin B<sub>1</sub> in feed samples: a comparative study.](#)

Beyene AM, Du X, E Schrunk D, Ensley S, Rumbelha WK.

BMC Res Notes. 2019 Aug 7;12(1):492. doi: 10.1186/s13104-019-4538-z.

PMID: 31391088 **Free PMC Article**

- [Recommendations for rehabilitation after surgical treatment of cranial cruciate ligament disease in dogs: A 2017 survey of veterinary practitioners.](#)

Eiermann J, Kirkby-Shaw K, Evans RB, Knell SC, Kowaleski MP, Schmierer PA, Bergh MS, Bleedorn J, Cuddy LC, Kieves NR, Lotsikas P, Pozzi A.

Vet Surg. 2019 Aug 7. doi: 10.1111/vsu.13294. [Epub ahead of print]

PMID: 31390083

- [E<sub>2</sub> and E<sub>ms</sub> isotype-specific antibody responses in serum and oral fluid after infection with classical swine fever virus \(CSFV\).](#)

Popescu LN, Panyasing Y, Giménez-Lirola L, Zimmerman J, Rowland RRR.  
Vet Microbiol. 2019 Aug;235:265-269. doi: 10.1016/j.vetmic.2019.07.007. Epub 2019 Jul 10.  
PMID: 31383311

[Fluorophotometric Assessment of Tear Volume and Turnover Rate in Healthy Dogs and Cats.](#)

30. Sebbag L, Allbaugh RA, Wehrman RF, Uhl LK, Ben-Shlomo G, Chen T, Mochel JP.  
J Ocul Pharmacol Ther. 2019 Aug 8. doi: 10.1089/jop.2019.0038. [Epub ahead of print]  
PMID: 31381493

[Nonlinear mixed-effects pharmacokinetic modeling of the novel COX-2 selective inhibitor vitacoxib in dogs.](#)

31. Wang J, Schneider BK, Sun P, Gong X, Qiu J, Li J, Seo YJ, Mochel JP, Cao X.  
J Vet Pharmacol Ther. 2019 Sep;42(5):530-540. doi: 10.1111/jvp.12802. Epub 2019 Aug 1.  
PMID: 31369157

[Infection and transmission of Cache Valley virus by Aedes albopictus and Aedes aegypti mosquitoes.](#)

32. Ayers VB, Huang YS, Lyons AC, Park SL, Dunlop JI, Unlu I, Kohl A, Higgs S, Blitvich BJ, Vanlandingham DL.  
Parasit Vectors. 2019 Jul 31;12(1):384. doi: 10.1186/s13071-019-3643-0.  
PMID: 31366369 **Free PMC Article**

[Histopathology and Spatial Distribution of Putative Growth Factors in Relation to Bacterial Localization of Campylobacter jejuni Within the Ovine Gallbladder.](#)

33. Kreuder AJ, Lashley V, Yaeger M, Schleining JA, Plummer PJ.  
Front Vet Sci. 2019 Jul 12;6:226. doi: 10.3389/fvets.2019.00226. eCollection 2019.  
PMID: 31355215 **Free PMC Article**

[Histamine-Induced Conjunctivitis and Breakdown of Blood-Tear Barrier in Dogs: A Model for Ocular Pharmacology and Therapeutics.](#)

34. Sebbag L, Allbaugh RA, Weaver A, Seo YJ, Mochel JP.  
Front Pharmacol. 2019 Jul 9;10:752. doi: 10.3389/fphar.2019.00752. eCollection 2019.  
PMID: 31354477 **Free PMC Article**

- [Neutrophil-Extracellular Traps, Cell-Free DNA, and Immunothrombosis in Companion Animals: A Review.](#)
35. Goggs R, Jeffery U, LeVine DN, Li RHL.  
Vet Pathol. 2019 Jul 25;300985819861721. doi: 10.1177/0300985819861721. [Epub ahead of print]  
PMID: 31342866
- [Tissue residue depletion and estimation of extralabel meat withdrawal intervals for tulathromycin in calves after pneumatic dart administration.](#)
36. Lin Z, He C, Magstadt DR, Cooper VL, Kleinhenz MD, Smith JS, Gorden PJ, Wulf LW, Coetzee JF.  
J Anim Sci. 2019 Sep 3;97(9):3714-3726. doi: 10.1093/jas/skz231.  
PMID: 31342061
- [The lichen symbiosis re-viewed through the genomes of Cladonia grayi and its algal partner Asterochloris glomerata.](#)
37. Armaleo D, Müller O, Lutzoni F, Andrésón ÓS, Blanc G, Bode HB, Collart FR, Dal Grande F, Dietrich F, Grigoriev IV, Joneson S, Kuo A, Larsen PE, Logsdon JM Jr, Lopez D, Martin F, May SP, McDonald TR, Merchant SS, Miao V, Morin E, Oono R, Pellegrini M, Rubinstein N, Sanchez-Puerta MV, Savelkoul E, Schmitt I, Slot JC, Soanes D, Szövényi P, Talbot NJ, Veneault-Fourrey C, Xavier BB.  
BMC Genomics. 2019 Jul 23;20(1):605. doi: 10.1186/s12864-019-5629-x.  
PMID: 31337355 **Free PMC Article**
- [In Situ Temporospatial Characterization of the Glial Response to Prion Infection.](#)
38. Michael AV, Greenlee JJ, Harm TA, Moore SJ, Zhang M, Lind MS, Greenlee MHW, Smith JD.  
Vet Pathol. 2019 Jul 22;300985819861708. doi: 10.1177/0300985819861708. [Epub ahead of print]  
PMID: 31331254
- [Exome sequencing of family trios from the National Birth Defects Prevention Study: Tapping into a rich resource of genetic and environmental data.](#)
39. Jenkins MM, Almli LM, Pangilinan F, Chong JX, Blue EE, Shapira SK, White J, McGoldrick D, Smith JD, Mullikin JC, Bean CJ, Nembhard WN, Lou XY, Shaw GM, Romitti PA, Keppler-Noreuil K, Yazdy MM, Kay DM, Carter TC, Olshan AF, Moore KJ, Nascone-Yoder N, Finnell RH, Lupo PJ, Feldkamp ML; NISC Comparative Sequencing Program; **University** of Washington Center for Mendelian Genomics, Nickerson DA, Bamshad MJ, Brody LC, Reefhuis J; National Birth Defects Prevention Study.



- [Microbiota-Related Changes in Unconjugated Fecal Bile Acids Are Associated With Naturally Occurring, Insulin-Dependent Diabetes Mellitus in Dogs.](#)  
40. Jergens AE, Guard BC, Redfern A, Rossi G, Mochel JP, Pilla R, Chandra L, Seo YJ, Steiner JM, Lidbury J, Allenspach K, Suchodolski J.  
Front Vet Sci. 2019 Jun 27;6:199. doi: 10.3389/fvets.2019.00199. eCollection 2019.  
PMID: 31316997 **Free PMC Article**
  
- [Factors associated with seroprevalence of bovine anaplasmosis in Mississippi, USA.](#)  
41. Okafor CC, Collins SL, Daniel JA, Coetzee JF, Whitlock BK.  
Vet Parasitol Reg Stud Reports. 2019 Aug;17:100301. doi: 10.1016/j.vprsr.2019.100301. Epub 2019 Apr 26.  
PMID: 31303216
  
- [Assessing computational predictions of the phenotypic effect of cystathionine-beta-synthase variants.](#)  
42. Kasak L, Bakolitsa C, Hu Z, Yu C, Rine J, Dimster-Denk DF, Pandey G, De Baets G, Bromberg Y, Cao C, Capriotti E, Casadio R, Van Durme J, Giollo M, Karchin R, Katsonis P, Leonardi E, Lichtarge O, Martelli PL, Masica D, Mooney SD, Olatubosun A, Radivojac P, Rousseau F, Pal LR, Savojarado C, Schymkowitz J, Thusberg J, Tosatto SCE, Vihinen M, Väliäho J, Repo S, Moulton J, Brenner SE, Friedberg I.  
Hum Mutat. 2019 Sep;40(9):1530-1545. doi: 10.1002/humu.23868. Epub 2019 Sep 3.  
PMID: 31301157
  
- [Individual or Common Good? Voluntary Data Sharing to Inform Disease Surveillance Systems in Food Animals.](#)  
43. Perez AM, Linhares DCL, Arruda AG, VanderWaal K, Machado G, Vilalta C, Sanhueza JM, Torrison J, Torremorell M, Corzo CA.  
Front Vet Sci. 2019 Jun 21;6:194. doi: 10.3389/fvets.2019.00194. eCollection 2019.  
PMID: 31294036 **Free PMC Article**
  
- [Meta-analysis of the effects of lidocaine on postoperative reflux in the horse.](#)  
44. Durket E, Gillen A, Kottwitz J, Munsterman A.

Vet Surg. 2019 Jul 9. doi: 10.1111/vsu.13286. [Epub ahead of print]

PMID: 31290164

- [Comparative Stiffness of an Equine Distal Sesamoid Bone Fracture Model Stabilized with 3.5-mm versus 4.5-mm Cortical Bone Screws in Lag Fashion.](#)

Mampe JR, Tatarniuk DM, Suarez-Fuentes DG, Kraus KH.

Vet Comp Orthop Traumatol. 2019 Jul 6. doi: 10.1055/s-0039-1692979. [Epub ahead of print]

PMID: 31279325

- [Dietary Resistant Potato Starch Alters Intestinal Microbial Communities and Their Metabolites, and Markers of Immune Regulation and Barrier Function in Swine.](#)

Trachsel J, Briggs C, Gabler NK, Allen HK, Loving CL.

Front Immunol. 2019 Jun 19;10:1381. doi: 10.3389/fimmu.2019.01381. eCollection 2019.

PMID: 31275319 **Free PMC Article**

- [The Gut-Brain Axis in Neurodegenerative Diseases and Relevance of the Canine Model: A Review.](#)

47. Ambrosini YM, Borcharding D, Kanthasamy A, Kim HJ, Willette AA, Jergens A, Allenspach K, Mochel JP.

Front Aging Neurosci. 2019 Jun 18;11:130. doi: 10.3389/fnagi.2019.00130. eCollection 2019. Review.

PMID: 31275138 **Free PMC Article**

- [β-amyloid and tau pathology in the aging feline brain.](#)

48. Fiock KL, Smith JD, Crary JF, Hefti MM.

J Comp Neurol. 2019 Jul 4. doi: 10.1002/cne.24741. [Epub ahead of print]

PMID: 31273784

- [A prime-boost concept using a T-cell epitope-driven DNA vaccine followed by a whole virus vaccine effectively protected pigs in the pandemic H1N1 pig challenge model.](#)

49. Hewitt JS, Karuppanan AK, Tan S, Gauger P, Halbur PG, Gerber PF, De Groot AS, Moise L, Opriessnig T.

Vaccine. 2019 Jul 18;37(31):4302-4309. doi: 10.1016/j.vaccine.2019.06.044. Epub 2019 Jun 24.

PMID: 31248687

- [GroEL Protein \(Heat Shock Protein 60\) of \*Mycoplasma gallisepticum\* Induces Apoptosis in Host Cells by Interacting with Annexin A2.](#)  
50. Yu Y, Zhang L, Chen Y, Li Y, Wang Z, Li G, Wang G, Xin J.  
Infect Immun. 2019 Aug 21;87(9). pii: e00248-19. doi: 10.1128/IAI.00248-19. Print 2019 Sep.  
PMID: 31235640
- [What is the taxonomic status of East Asian otter species based on molecular evidence?: focus on the position of the Japanese otter holotype specimen from museum.](#)  
51. Park HC, Kurihara N, Kim KS, Min MS, Han S, Lee H, Kimura J.  
Anim Cells Syst (Seoul). 2019 May 2;23(3):228-234. doi: 10.1080/19768354.2019.1601133. eCollection 2019 Jun.  
PMID: 31231587 **Free PMC Article**
- [Surgical intervention for vertebral osteomyelitis in a calf.](#)  
52. Shivapour SK, Jackson ND, Schleining JA, Kreuder AJ, Miles KG, Jeffery ND.  
Vet Surg. 2019 Aug;48(6):1064-1070. doi: 10.1111/vsu.13251. Epub 2019 Jun 20.  
PMID: 31219189
- [A question of trust: can we build an evidence base to gain trust in systematic review automation technologies?](#)  
53. O'Connor AM, Tsafnat G, Thomas J, Glasziou P, Gilbert SB, Hutton B.  
Syst Rev. 2019 Jun 18;8(1):143. doi: 10.1186/s13643-019-1062-0.  
PMID: 31215463 **Free PMC Article**
- [Understanding the effect of repeated administration of meloxicam on feline renal cortex and medulla: A lipidomics and metabolomics approach.](#)  
54. Rivera-Velez SM, Broughton-Neiswanger LE, Suarez MA, Slovak JE, Hwang JK, Navas J, Leung AWS, Piñeyro PE, Villarino NF.  
J Vet Pharmacol Ther. 2019 Jul;42(4):476-486. doi: 10.1111/jvp.12788. Epub 2019 Jun 12.  
PMID: 31190341
- [The \*Escherichia coli\* O157:H7 carbon starvation-inducible lipoprotein Slp contributes to initial adherence in vitro via the human polymeric immunoglobulin receptor.](#)  
55.

Fedorchuk C, Kudva IT, Kariyawasam S.

PLoS One. 2019 Jun 12;14(6):e0216791. doi: 10.1371/journal.pone.0216791. eCollection 2019.

PMID: 31188867 **Free PMC Article**

- [Evaluation of three commercial porcine reproductive and respiratory syndrome virus \(PRRSV\) oral fluid antibody ELISAs using samples of known status.](#)

Henao-Diaz A, Giménez-Lirola L, Magtoto R, Ji J, Zimmerman J.

Res Vet Sci. 2019 Aug;125:113-118. doi: 10.1016/j.rvsc.2019.05.019. Epub 2019 Jun 3.

PMID: 31181347 **Free Article**

- [Indoleamine-pyrrole 2,3-dioxygenase-1 \(IDO-1\) mRNA is over-expressed in the duodenal mucosa and is negatively correlated with serum tryptophan concentrations in dogs with protein-losing enteropathy.](#)

Kathrani A, Lezcano V, Hall EJ, Jergens AE, Seo YJ, Mochel JP, Atherly T, Allenspach K.

PLoS One. 2019 Jun 10;14(6):e0218218. doi: 10.1371/journal.pone.0218218. eCollection 2019.

PMID: 31181125 **Free PMC Article**

- [Bilateral caudal maxillectomy for resection of tumors crossing palatal midline and use of the angularis oris axial pattern flap for primary closure or dehiscence repair in two dogs.](#)

Tuohy JL, Worley DR, Wustefeld-Janssens BG, Mickelson MA, Ehrhart NP, Seguin B.

Vet Surg. 2019 Jun 10. doi: 10.1111/vsu.13252. [Epub ahead of print]

PMID: 31179557

- [Anorexia and the Cancer Patient.](#)

59. Johannes CM, Musser ML.

Vet Clin North Am Small Anim Pract. 2019 Sep;49(5):837-854. doi: 10.1016/j.cvsm.2019.04.008. Epub 2019 Jun 6. Review.

PMID: 31176457

- [Interleukin-13 and interleukin-33 mRNA are underexpressed in the duodenal mucosa of German Shepherd dogs with chronic enteropathy.](#)

60. Kathrani A, Lezcano V, Hall EJ, Jergens AE, Seo YJ, Mochel JP, Atherly T, Allenspach K.

J Vet Intern Med. 2019 Jul;33(4):1660-1668. doi: 10.1111/jvim.15544. Epub 2019 Jun 6.

- [Evaluation of Intestinal Permeability and Liver Bacterial Translocation in Two Modern Broilers and Their Jungle Fowl Ancestor.](#)
61. Baxter MFA, Dridi S, Koltés DA, Latorre JD, Bottje WG, Greene ES, Bickler SW, Kim JH, Merino-Guzman R, Hernandez-Velasco X, Anthony NB, Hargis BM, Tellez-Isaias G.  
Front Genet. 2019 May 21;10:480. doi: 10.3389/fgene.2019.00480. eCollection 2019.  
PMID: 31164906 **Free PMC Article**
- [Perturbation of Thymocyte Development Underlies the PRRS Pandemic: A Testable Hypothesis.](#)
62. Butler JE, Sinkora M, Wang G, Stepanova K, Li Y, Cai X.  
Front Immunol. 2019 May 15;10:1077. doi: 10.3389/fimmu.2019.01077. eCollection 2019.  
PMID: 31156633 **Free PMC Article**
- [MAGE cancer-testis antigens protect the mammalian germline under environmental stress.](#)
63. Fon Tacer K, Montoya MC, Oatley MJ, Lord T, Oatley JM, Klein J, Ravichandran R, Tillman H, Kim M, Connelly JP, Pruett-Miller SM, Bookout AL, Binshtock E, Kamiński MM, Potts PR.  
Sci Adv. 2019 May 29;5(5):eaav4832. doi: 10.1126/sciadv.aav4832. eCollection 2019 May.  
PMID: 31149633 **Free PMC Article**
- [Mortality Patterns in a Commercial Wean-To Finish Swine Production System.](#)
64. Mehling S, Henao-Diaz A, Maurer J, Kluber E, Stika R, Rademacher C, Zimmerman J, Giménez-Lirola L, Wang C, Holtkamp DJ, Main R, Karriker L, Linhares DCL, Breuer M, Goodell C, Baum D.  
Vet Sci. 2019 May 29;6(2). pii: E49. doi: 10.3390/vetsci6020049.  
PMID: 31146411 **Free PMC Article**
- [Ultrasound characteristics of feline urinary bladder transitional cell carcinoma are similar to canine urinary bladder transitional cell carcinoma.](#)
65. Hamlin AN, Chadwick LE, Fox-Alvarez SA, Hostnik ET.  
Vet Radiol Ultrasound. 2019 Sep;60(5):552-559. doi: 10.1111/vru.12777. Epub 2019 May 29.  
PMID: 31144408

- [Inter-serotype reassortment among epizootic haemorrhagic disease viruses in the United States.](#)
66. Wang L, Lanka S, Cassout D, Mateus-Pinilla NE, Li G, Wilson WC, Yoo D, Shelton P, Fredrickson RL. *Transbound Emerg Dis.* 2019 Sep;66(5):1809-1820. doi: 10.1111/tbed.13257. Epub 2019 Jun 12. PMID: 31131970
- [Development and evaluation of a real-time RT-PCR and a field-deployable RT-insulated isothermal PCR for the detection of Seneca Valley virus.](#)
67. Zhang J, Nfon C, Tsai CF, Lee CH, Fredericks L, Chen Q, Sinha A, Bade S, Harmon K, Piñeyro P, Gauger P, Tsai YL, Wang HT, Lee PA. *BMC Vet Res.* 2019 May 24;15(1):168. doi: 10.1186/s12917-019-1927-4. PMID: 31126297 **Free PMC Article**
- [Randomized controlled clinical trial on the effect of oral immunoglobulin supplementation on neonatal dairy calves with diarrhea.](#)
68. Chung JJ, Rayburn MC, Chigerwe M. *J Vet Intern Med.* 2019 Jul;33(4):1807-1813. doi: 10.1111/jvim.15538. Epub 2019 May 24. PMID: 31124588 **Free PMC Article**
- [Paper spray high-resolution accurate mass spectrometry for quantitation of voriconazole in equine tears.](#)
69. Lerch M, Allbaugh RA, Sebbag L, Mochel JP, Weller P, Borts DJ. *Anal Bioanal Chem.* 2019 Aug;411(20):5187-5196. doi: 10.1007/s00216-019-01898-9. Epub 2019 May 23. PMID: 31123782
- [Effect of litter aggregation and pooling on detection of porcine reproductive and respiratory virus in piglet processing fluids.](#)
70. Vilalta C, Baker J, Sanhueza J, Murray D, Sponheim A, Alvarez J, Sylvia F, Polson D, Torremorell M, Corzo C, Morrison RB. *J Vet Diagn Invest.* 2019 Jul;31(4):625-628. doi: 10.1177/1040638719852999. Epub 2019 May 23. PMID: 31122156

71. [Molecular epidemiology of coagulase-negative \*Staphylococcus\* species isolated at different lactation stages from dairy cattle in the United States.](#)  
Jenkins SN, Okello E, Rossitto PV, Lehenbauer TW, Champagne J, Penedo MCT, Arruda AG, Godden S, Rapnicki P, Gorden PJ, Timms LL, Aly SS.  
PeerJ. 2019 May 6;7:e6749. doi: 10.7717/peerj.6749. eCollection 2019.  
PMID: 31119068 **Free PMC Article**
72. [Multiple adrenocortical steroid response to administration of exogenous adrenocorticotrophic hormone to hospitalized foals.](#)  
Dembek KA, Johnson LM, Timko KJ, Minuto JS, Hart KA, Barr BS, Toribio RE.  
J Vet Intern Med. 2019 Jul;33(4):1766-1774. doi: 10.1111/jvim.15527. Epub 2019 May 20.  
PMID: 31111575 **Free PMC Article**
73. [Maternal and Breast Milk Influences on the Infant Gut Microbiome, Enteric Health and Growth Outcomes of Rhesus Monkeys.](#)  
Rendina DN, Lubach GR, Phillips GJ, Lyte M, Coe CL.  
J Pediatr Gastroenterol Nutr. 2019 Sep;69(3):363-369. doi: 10.1097/MPG.0000000000002394.  
PMID: 31107796
74. [The future of canine glaucoma therapy.](#)  
Komáromy AM, Bras D, Esson DW, Fellman RL, Grozdanic SD, Kagemann L, Miller PE, Moroi SE, Plummer CE, Sapienza JS, Storey ES, Teixeira LB, Toris CB, Webb TR.  
Vet Ophthalmol. 2019 Sep;22(5):726-740. doi: 10.1111/vop.12678. Epub 2019 May 20. Review.  
PMID: 31106969 **Free PMC Article**
75. [Transmammary delivery of firocoxib to piglets reduces stress and improves average daily gain after castration, tail docking, and teeth clipping1.](#)  
Coetzee JF, Sidhu PK, Seagen J, Schieber T, Kleinhenz K, Kleinhenz MD, Wulf LW, Cooper VL, Mazloom R, Jaber-Douraki M, Lechtenberg K.  
J Anim Sci. 2019 Jul 2;97(7):2750-2768. doi: 10.1093/jas/skz143.  
PMID: 31100113

- [Causes of mortality in backyard poultry in eight states in the United States.](#)  
76. Cadmus KJ, Mete A, Harris M, Anderson D, Davison S, Sato Y, Helm J, Boger L, Odani J, Ficken MD, Pabilonia KL. J Vet Diagn Invest. 2019 May;31(3):318-326. doi: 10.1177/1040638719848718. PMID: 31084344
  
- [Characterization of multiresistance gene cfr\(C\) variants in Campylobacter from China.](#)  
77. Liu D, Li X, Liu W, Yao H, Liu Z, Feßler AT, He J, Zhou Y, Shen Z, Wu Z, Schwarz S, Zhang Q, Wang Y. J Antimicrob Chemother. 2019 Aug 1;74(8):2166-2170. doi: 10.1093/jac/dkz197. PMID: 31081013
  
- [Tear Fluid Pharmacokinetics Following Oral Prednisone Administration in Dogs With and Without Conjunctivitis.](#)  
78. Sebbag L, Yan Y, Smith JS, Allbaugh RA, Wulf LW, Mochel JP. J Ocul Pharmacol Ther. 2019 Jul/Aug;35(6):341-349. doi: 10.1089/jop.2019.0020. Epub 2019 May 9. PMID: 31070497 **Free PMC Article**
  
- [Enhancing the one health initiative by using whole genome sequencing to monitor antimicrobial resistance of animal pathogens: Vet-LIRN collaborative project with veterinary diagnostic laboratories in United States and Canada.](#)  
79. Ceric O, Tyson GH, Goodman LB, Mitchell PK, Zhang Y, Prarat M, Cui J, Peak L, Scaria J, Antony L, Thomas M, Nemser SM, Anderson R, Thachil AJ, Franklin-Guild RJ, Slavic D, Bommineni YR, Mohan S, Sanchez S, Wilkes R, Sahin O, Hendrix GK, Lubbers B, Reed D, Jenkins T, Roy A, Paulsen D, Mani R, Olsen K, Pace L, Pulido M, Jacob M, Webb BT, Dasgupta S, Patil A, Ramachandran A, Tewari D, Thirumalapura N, Kelly DJ, Rankin SC, Lawhon SD, Wu J, Burbick CR, Reimschuessel R. BMC Vet Res. 2019 May 6;15(1):130. doi: 10.1186/s12917-019-1864-2. PMID: 31060608 **Free PMC Article**
  
- [Quantification of Macrophages and Mycobacterium avium Subsp. paratuberculosis in Bovine Intestinal Tissue During Different Stages of Johne's Disease.](#)  
80. Jenvey CJ, Hostetter JM, Shircliff AL, Bannantine JP, Stabel JR. Vet Pathol. 2019 Sep;56(5):671-680. doi: 10.1177/0300985819844823. Epub 2019 May 6. PMID: 31060445



- [Differential Effects of Bacitracin Methylene Disalicylate \(BMD\) on the Distal Colon and Cecal Microbiota of Young Broiler Chickens.](#)  
81. Proctor A, Phillips GJ.  
Front Vet Sci. 2019 Apr 17;6:114. doi: 10.3389/fvets.2019.00114. eCollection 2019.  
PMID: 31058171 **Free PMC Article**
  
- [Porcine reproductive and respiratory syndrome virus RNA detection in different matrices under typical storage conditions in the UK.](#)  
82. Fan J, Gerber PF, Cubas Atienzar A, Eppink L, Wang C, Opriessnig T.  
Vet Rec. 2019 Jul 6;185(1):21. doi: 10.1136/vr.105312. Epub 2019 Apr 30.  
PMID: 31040221
  
- [Identification of a \*nth\*-Like Gene Encoding an Endonuclease III in \*Campylobacter jejuni\*.](#)  
83. Dai L, Xia J, Sahin O, Zhang Q.  
Front Microbiol. 2019 Apr 10;10:698. doi: 10.3389/fmicb.2019.00698. eCollection 2019.  
PMID: 31024487 **Free PMC Article**
  
- [Factors associated with Seroprevalence of \*Anaplasma marginale\* in Kentucky cattle.](#)  
84. Okafor CC, Collins SL, Daniel JA, Harvey B, Sun X, Coetzee JF, Whitlock BK.  
Vet Parasitol Reg Stud Reports. 2018 Aug;13:212-219. doi: 10.1016/j.vprsr.2018.07.003. Epub 2018 Jul 7.  
PMID: 31014877
  
- [Respiratory disease associated with migrating \*Ascaris\* larvae in a beef calf.](#)  
85. Jesudoss Chelladurai J, Derscheid R, Brewer MT.  
Vet Parasitol Reg Stud Reports. 2018 May;12:9-12. doi: 10.1016/j.vprsr.2017.12.005. Epub 2017 Dec 27.  
PMID: 31014816
  
- [Factors associated with seroprevalence of bovine anaplasmosis in Texas.](#)  
86. Okafor CC, Collins SL, Daniel JA, Harvey B, Coetzee JF, Whitlock BK.  
Vet Parasitol Reg Stud Reports. 2018 Dec;14:32-40. doi: 10.1016/j.vprsr.2018.08.004. Epub 2018 Aug 25.  
PMID: 31014734

- [An integrated experimental and physiologically based pharmacokinetic modeling study of penicillin G in heavy sows.](#)
87. Li M, Mainquist-Whigham C, Karriker LA, Wulf LW, Zeng D, Gehring R, Riviere JE, Coetzee JF, Lin Z.  
J Vet Pharmacol Ther. 2019 Jul;42(4):461-475. doi: 10.1111/jvp.12766. Epub 2019 Apr 23.  
PMID: 31012501
- [PARTIAL PROTECTION IN BALB/C HOUSE MICE \(\*MUS MUSCULUS\*\) AND ROCKY MOUNTAIN ELK \(\*CERVUS ELAPHUS CANADENSIS\*\) AFTER VACCINATION WITH A KILLED, MUCOSALLY DELIVERED \*BRUCELLA ABORTUS VACCINE\*.](#)
88. Rhyan J, Nol P, Wehtje M, Bosco-Lauth A, Marlenee N, McCollum M, Bruce S, Hartwig A, Stelting S, Robbe-Austerman S, Bowen R.  
J Wildl Dis. 2019 Apr 22. [Epub ahead of print]  
PMID: 31009310
- [Invited review: Completeness of reporting of experiments: REFLECTing on a year of animal trials in the Journal of Dairy Science.](#)
89. Winder CB, Churchill KJ, Sargeant JM, LeBlanc SJ, O'Connor AM, Renaud DL.  
J Dairy Sci. 2019 Jun;102(6):4759-4771. doi: 10.3168/jds.2018-15797. Epub 2019 Apr 17. Review.  
PMID: 31005322
- [Optimal Scheduling of Bevacizumab and Pemetrexed/Cisplatin Dosing in Non-Small Cell Lung Cancer.](#)
90. Schneider BK, Boyer A, Ciccolini J, Barlesi F, Wang K, Benzekry S, Mochel JP.  
CPT Pharmacometrics Syst Pharmacol. 2019 Aug;8(8):577-586. doi: 10.1002/psp4.12415. Epub 2019 May 9.  
PMID: 31004380 **Free PMC Article**
- [Derivation of adult canine intestinal organoids for translational research in gastroenterology.](#)
91. Chandra L, Borcharding DC, Kingsbury D, Atherly T, Ambrosini YM, Bourgois-Mochel A, Yuan W, Kimber M, Qi Y, Wang Q, Wannemuehler M, Ellinwood NM, Snella E, Martin M, Skala M, Meyerholz D, Estes M, Fernandez-Zapico ME, Jergens AE, Mochel JP, Allenspach K.  
BMC Biol. 2019 Apr 11;17(1):33. doi: 10.1186/s12915-019-0652-6.  
PMID: 30975131 **Free PMC Article**

- [CAR T Cell Immunotherapy in Human and \*\*Veterinary\*\* Oncology: Changing the Odds Against Hematological Malignancies.](#)
92. Mochel JP, Ekker SC, Johannes CM, Jergens AE, Allenspach K, Bourgois-Mochel A, Knouse M, Benzekry S, Wierson W, LeBlanc AK, Kenderian SS.  
AAPS J. 2019 Apr 8;21(3):50. doi: 10.1208/s12248-019-0322-1.  
PMID: 30963322
- [Development of a triplex real-time RT-PCR assay for detection and differentiation of three US genotypes of porcine hemagglutinating encephalomyelitis virus.](#)
93. Wang L, Eggett TE, Lanka S, Fredrickson RL, Li G, Zhang Y, Yoo D, Bowman AS.  
J Virol Methods. 2019 Jul;269:13-17. doi: 10.1016/j.jviromet.2019.04.008. Epub 2019 Apr 5.  
PMID: 30959064
- [Longitudinal assessment of microbial dysbiosis, fecal unconjugated bile acid concentrations, and disease activity in dogs with steroid-responsive chronic inflammatory enteropathy.](#)
94. Guard BC, Honneffer JB, Jergens AE, Jonika MM, Toresson L, Lawrence YA, Webb CB, Hill S, Lidbury JA, Steiner JM, Suchodolski JS.  
J Vet Intern Med. 2019 May;33(3):1295-1305. doi: 10.1111/jvim.15493. Epub 2019 Apr 7.  
PMID: 30957301 **Free PMC Article**
- [Experimental Seneca Valley virus infection in market-weight gilts.](#)
95. Buckley A, Kulshreshtha V, van Geelen A, Montiel N, Guo B, Yoon KJ, Lager K.  
Vet Microbiol. 2019 Apr;231:7-10. doi: 10.1016/j.vetmic.2019.02.019. Epub 2019 Feb 13.  
PMID: 30955826
- [Intestinal colonization and acute immune response in commercial turkeys following inoculation with Campylobacter jejuni constructs encoding antibiotic-resistance markers.](#)
96. Sylte MJ, Johnson TA, Meyer EL, Inbody MH, Trachsel J, Looft T, Susta L, Wu Z, Zhang Q.  
Vet Immunol Immunopathol. 2019 Apr;210:6-14. doi: 10.1016/j.vetimm.2019.02.003. Epub 2019 Mar 1.  
PMID: 30947981

- [Insertional mutagenesis using the Sleeping Beauty transposon system identifies drivers of erythroleukemia in mice.](#)
97. Loeb KR, Hughes BT, Fissel BM, Osteen NJ, Knoblauch SE, Grim JE, Drury LJ, Sarver A, Dupuy AJ, Clurman BE. Sci Rep. 2019 Apr 2;9(1):5488. doi: 10.1038/s41598-019-41805-x. PMID: 30940846 **Free PMC Article**
- [Inducible nitric oxide synthase inhibitor, 1400W, mitigates DFP-induced long-term neurotoxicity in the rat model.](#)
98. Putra M, Sharma S, Gage M, Gasser G, Hinojo-Perez A, Olson A, Gregory-Flores A, Puttachary S, Wang C, Anantharam V, Thippeswamy T. Neurobiol Dis. 2019 Mar 30:104443. doi: 10.1016/j.nbd.2019.03.031. [Epub ahead of print] PMID: 30940499
- [Seroprevalence of bovine Anaplasmosis in Georgia.](#)
99. Okafor CC, Collins SL, Daniel JA, Coetzee JF, Whitlock BK. Vet Parasitol Reg Stud Reports. 2019 Jan;15:100258. doi: 10.1016/j.vprsr.2018.100258. Epub 2018 Dec 21. PMID: 30929935
- [High Prevalence of Fluoroquinolone-Resistant \*Campylobacter\* Bacteria in Sheep and Increased \*Campylobacter\* Counts in the Bile and Gallbladders of Sheep Medicated with Tetracycline in Feed.](#)
100. Xia J, Pang J, Tang Y, Wu Z, Dai L, Singh K, Xu C, Ruddell B, Kreuder A, Xia L, Ma X, Brooks KS, Ocal MM, Sahin O, Plummer PJ, Griffith RW, Zhang Q. Appl Environ Microbiol. 2019 May 16;85(11). pii: e00008-19. doi: 10.1128/AEM.00008-19. Print 2019 Jun 1. PMID: 30926726
- [Complexities in understanding antimicrobial resistance across domesticated animal, human, and environmental systems.](#)
101. Graham DW, Bergeron G, Bourassa MW, Dickson J, Gomes F, Howe A, Kahn LH, Morley PS, Scott HM, Simjee S, Singer RS, Smith TC, Storrs C, Wittum TE. Ann N Y Acad Sci. 2019 Apr;1441(1):17-30. doi: 10.1111/nyas.14036. Review. PMID: 30924539

- [Intrahost Selection Pressure Drives Equine Arteritis Virus Evolution during Persistent Infection in the Stallion Reproductive Tract.](#)  
102. Nam B, Mekuria Z, Carossino M, Li G, Zheng Y, Zhang J, Cook RF, Shuck KM, Campos JR, Squires EL, Troedsson MHT, Timoney PJ, Balasuriya UBR.  
J Virol. 2019 May 29;93(12). pii: e00045-19. doi: 10.1128/JVI.00045-19. Print 2019 Jun 15.  
PMID: 30918077
- [Identifying stroke therapeutics from preclinical models: A protocol for a novel application of network meta-analysis.](#)  
103. Lalu MM, Fergusson DA, Cheng W, Avey MT, Corbett D, Dowlatshahi D, Macleod MR, Sena ES, Moher D, Shorr R, McCann SK, Gray LJ, Hill MD, O'Connor A, Thayer K, Haggart F, Dobriyal A, Chung HS, Welton NJ, Hutton B.  
F1000Res. 2019 Jan 3;8:11. doi: 10.12688/f1000research.15869.1. eCollection 2019.  
PMID: 30906535 **Free PMC Article**
- [Early Pulmonary Lesions in Cattle Infected via Aerosolized \*Mycobacterium bovis\*.](#)  
104. Palmer MV, Wiarda J, Kanipe C, Thacker TC.  
Vet Pathol. 2019 Jul;56(4):544-554. doi: 10.1177/0300985819833454. Epub 2019 Mar 21.  
PMID: 30895908
- [Detection and quantification of Parascaris P-glycoprotein drug transporter expression with a novel mRNA hybridization technique.](#)  
105. Jesudoss Chelladurai J, Brewer MT.  
Vet Parasitol. 2019 Mar;267:75-83. doi: 10.1016/j.vetpar.2019.02.002. Epub 2019 Feb 12.  
PMID: 30878090
- [Porcine Hemagglutinating Encephalomyelitis Virus: A Review.](#)  
106. Mora-Díaz JC, Piñeyro PE, Houston E, Zimmerman J, Giménez-Lirola LG.  
Front Vet Sci. 2019 Feb 27;6:53. doi: 10.3389/fvets.2019.00053. eCollection 2019. Review.  
PMID: 30873421 **Free PMC Article**
- [Repeated administration of the NSAID meloxicam alters the plasma and urine lipidome.](#)  
107. Rivera-Velez SM, Broughton-Neiswanger LE, Suarez M, Piñeyro P, Navas J, Chen S, Hwang J, Villarino NF.

Sci Rep. 2019 Mar 13;9(1):4303. doi: 10.1038/s41598-019-40686-4.

PMID: 30867479 **Free PMC Article**

- [Evaluation of the Serologic Cross-Reactivity between Transmissible Gastroenteritis Coronavirus and Porcine Respiratory Coronavirus Using Commercial Blocking Enzyme-Linked Immunosorbent Assay Kits.](#)  
108. Magtoto R, Poonsuk K, Baum D, Zhang J, Chen Q, Ji J, Piñeyro P, Zimmerman J, Giménez-Lirola LG. mSphere. 2019 Mar 13;4(2). pii: e00017-19. doi: 10.1128/mSphere.00017-19.  
PMID: 30867325 **Free PMC Article**
  
- [Seroprevalence of Senecavirus A in sows and grower-finisher pigs in major swine producing-states in the United States.](#)  
109. Houston E, Giménez-Lirola LG, Magtoto R, Mora-Díaz JC, Baum D, Piñeyro PE. Prev Vet Med. 2019 Apr 1;165:1-7. doi: 10.1016/j.prevetmed.2019.01.012. Epub 2019 Jan 29.  
PMID: 30851922
  
- [ACVIM consensus statement on the treatment of immune-mediated hemolytic anemia in dogs.](#)  
110. Swann JW, Garden OA, Fellman CL, Glanemann B, Goggs R, LeVine DN, Mackin AJ, Whitley NT. J Vet Intern Med. 2019 May;33(3):1141-1172. doi: 10.1111/jvim.15463. Epub 2019 Mar 7.  
PMID: 30847984 **Free PMC Article**
  
- [Weakly haemolytic variants of Brachyspira hyodysenteriae newly emerged in Europe belong to a distinct subclade with unique genetic properties.](#)  
111. Card RM, La T, Burrough ER, Ellis RJ, Nunez-Garcia J, Thomson JR, Mahu M, Phillips ND, Hampson DJ, Rohde J, Tucker AW. Vet Res. 2019 Mar 7;50(1):21. doi: 10.1186/s13567-019-0639-x.  
PMID: 30845993 **Free PMC Article**
  
- [Simultaneous detection of five pig viruses associated with enteric disease in pigs using EvaGreen real-time PCR combined with melting curve analysis.](#)  
112. Wen D, Liu G, Opriessnig T, Yang Z, Jiang Y. J Virol Methods. 2019 Jun;268:1-8. doi: 10.1016/j.jviromet.2019.03.001. Epub 2019 Mar 4.

PMID: 30844408

- [Porcine reproductive and respiratory syndrome virus infection of bone marrow: Lesions and pathogenesis.](#)  
113. Wang G, Yu Y, He X, Wang M, Cai X, Zimmerman JJ.  
Virus Res. 2019 May;265:20-29. doi: 10.1016/j.virusres.2019.02.019. Epub 2019 Mar 1. Review.  
PMID: 30831176
  
- [Analysis of swine antigen-specific antibody responses to Mycoplasma hyopneumoniae infection determined by protein microarray.](#)  
114. Petersen AC, Clampitt JM, Minion FC.  
Vet Microbiol. 2019 Mar;230:195-201. doi: 10.1016/j.vetmic.2019.02.010. Epub 2019 Feb 5.  
PMID: 30827388
  
- [The 3' Untranslated Region of a Plant Viral RNA Directs Efficient Cap-Independent Translation in Plant and Mammalian Systems.](#)  
115. Kraft JJ, Peterson MS, Cho SK, Wang Z, Hui A, Rakotondrafara AM, Treder K, Miller CL, Miller WA.  
Pathogens. 2019 Feb 28;8(1). pii: E28. doi: 10.3390/pathogens8010028.  
PMID: 30823456 **Free PMC Article**
  
- [Effects of endogenous progesterone during ovarian follicle superstimulation on embryo quality and quantity in beef cows.](#)  
116. Wiley C, Jahnke M, Redifer C, Gunn PJ, Dohlman T.  
Theriogenology. 2019 Apr 15;129:54-60. doi: 10.1016/j.theriogenology.2019.01.024. Epub 2019 Jan 29.  
PMID: 30818252
  
- [ACVIM consensus statement on the diagnosis of immune-mediated hemolytic anemia in dogs and cats.](#)  
117. Garden OA, Kidd L, Mexas AM, Chang YM, Jeffery U, Blois SL, Fogle JE, MacNeill AL, Lubas G, Birkenheuer A, Buoncompagni S, Dandrieux JRS, Di Loria A, Fellman CL, Glanemann B, Goggs R, Granick JL, LeVine DN, Sharp CR, Smith-Carr S, Swann JW, Szladovits B.  
J Vet Intern Med. 2019 Mar;33(2):313-334. doi: 10.1111/jvim.15441. Epub 2019 Feb 26.  
PMID: 30806491 **Free PMC Article**

- [Review: Microbial endocrinology: intersection of microbiology and neurobiology matters to swine health from infection to behavior.](#)  
118. Lyte JM, Lyte M.  
Animal. 2019 Feb 26;1-10. doi: 10.1017/S1751731119000284. [Epub ahead of print]  
PMID: 30806347
- [Association between atrial fibrillation and right-sided manifestations of congestive heart failure in dogs with degenerative mitral valve disease or dilated cardiomyopathy.](#)  
119. Ward J, Ware W, Viall A.  
J Vet Cardiol. 2019 Feb;21:18-27. doi: 10.1016/j.jvc.2018.10.006. Epub 2018 Dec 11.  
PMID: 30797441
- [Still moving toward automation of the systematic review process: a summary of discussions at the third meeting of the International Collaboration for Automation of Systematic Reviews \(ICASR\).](#)  
120. O'Connor AM, Tsafnat G, Gilbert SB, Thayer KA, Shemilt I, Thomas J, Glasziou P, Wolfe MS.  
Syst Rev. 2019 Feb 20;8(1):57. doi: 10.1186/s13643-019-0975-y.  
PMID: 30786933 **Free PMC Article**
- [Entomological and virological surveillance for dengue virus in churches in Merida, Mexico.](#)  
121. Baak-Baak CM, Cigarroa-Toledo N, Pech-May A, Cruz-Escalona GA, Cetina-Trejo RC, Tzuc-Dzul JC, Talavera-Aguilar LG, Flores-Ruiz S, Machain-Williams C, Torres-Chable OM, Blitvich BJ, Mendez-Galvan J, Garcia-Rejon JE.  
Rev Inst Med Trop Sao Paulo. 2019 Feb 14;61:e9. doi: 10.1590/S1678-9946201961009.  
PMID: 30785563 **Free PMC Article**
- [Pharmacokinetics of vitacoxib in rabbits after intravenous and oral administration.](#)  
122. Wang J, Xue J, Zhang L, Zhang S, Li J, Cao X.  
J Vet Pharmacol Ther. 2019 May;42(3):368-371. doi: 10.1111/jvp.12745. Epub 2019 Feb 13.  
PMID: 30761557
- [Pharmacokinetics of the novel COX-2 selective inhibitor vitacoxib in cats: The effects of feeding and dose.](#)  
123. Wang J, Gong X, Xue J, Zhang S, Li J, Cao X.



J Vet Pharmacol Ther. 2019 May;42(3):294-299. doi: 10.1111/jvp.12751. Epub 2019 Feb 8.

PMID: 30737806

[Human Ovarian Cancer Tumor Formation in Severe Combined Immunodeficient \(SCID\) Pigs.](#)

124. Boettcher AN, Kiupel M, Adur MK, Cocco E, Santin AD, Bellone S, Charley SE, Blanco-Fernandez B, Risinger JI, Ross JW, Tuggle CK, Shapiro EM.

Front Oncol. 2019 Jan 22;9:9. doi: 10.3389/fonc.2019.00009. eCollection 2019.

PMID: 30723704 **Free PMC Article**

[Alphavirus-vectored hemagglutinin subunit vaccine provides partial protection against heterologous challenge in pigs.](#)

125. Abente EJ, Rajao DS, Gauger PC, Vincent AL.

Vaccine. 2019 Mar 7;37(11):1533-1539. doi: 10.1016/j.vaccine.2018.12.071. Epub 2019 Feb 2.

PMID: 30723064 **Free Article**

[Novel siadenovirus infection in a cockatiel with chronic liver disease.](#)

126. Cassmann E, Zaffarano B, Chen Q, Li G, Haynes J.

Virus Res. 2019 Apr 2;263:164-168. doi: 10.1016/j.virusres.2019.01.018. Epub 2019 Jan 31.

PMID: 30711577

[Genomic Sequence of a \*Megrivirus\* Strain Identified in Laying Hens in Brazil.](#)

127. Gerber PF, Shen H, Zheng Y, Li G, Lobato ZIP, Opriessnig T.

Microbiol Resour Announc. 2019 Jan 24;8(4). pii: e01438-18. doi: 10.1128/MRA.01438-18. eCollection 2019 Jan.

PMID: 30701237 **Free PMC Article**

[Functional genetic evaluation of DNA house-cleaning enzymes in the malaria parasite: dUTPase and Ap4AH are essential in \*Plasmodium berghei\* but ITPase and NDH are dispensable.](#)

128. Kumar H, Kehrer J, Singer M, Reinig M, Santos JM, Mair GR, Frischknecht F.

Expert Opin Ther Targets. 2019 Mar;23(3):251-261. doi: 10.1080/14728222.2019.1575810. Epub 2019 Feb 13.

PMID: 30700216

[Multiancestry Genome-Wide Association Study of Lipid Levels Incorporating Gene-Alcohol Interactions.](#)

129. de Vries PS, Brown MR, Bentley AR, Sung YJ, Winkler TW, Ntalla I, Schwander K, Kraja AT, Guo X, Franceschini N, Cheng CY, Sim X, Vojinovic D, Huffman JE, Musani SK, Li C, Feitosa MF, Richard MA, Noordam R, Aschard H, Bartz TM, Bielak LF, Deng X, Dorajoo R, Lohman KK, Manning AK, Rankinen T, Smith AV, Tajuddin SM, Evangelou E, Graff M, Alver M, Boissel M, Chai JF, Chen X, Divers J, Gandin I, Gao C, Goel A, Hagemeijer Y, Harris SE, Hartwig FP, He M, Horimoto ARVR, Hsu FC, Jackson AU, Kasturiratne A, Komulainen P, Kühnel B, Laguzzi F, Lee JH, Luan J, Lyytikäinen LP, Matoba N, Nolte IM, Pietzner M, Riaz M, Said MA, Scott RA, Sofer T, Stančáková A, Takeuchi F, Tayo BO, van der Most PJ, Varga TV, Wang Y, Ware EB, Wen W, Yanek LR, Zhang W, Zhao JH, Afaq S, Amin N, Amini M, Arking DE, Aung T, Ballantyne C, Boerwinkle E, Broeckel U, Campbell A, Canouil M, Charumathi S, Chen YI, Connell JM, de Faire U, de Las Fuentes L, de Mutsert R, de Silva HJ, Ding J, Dominiczak AF, Duan Q, Eaton CB, Eppinga RN, Faul JD, Fisher V, Forrester T, Franco OH, Friedlander Y, Ghanbari M, Giulianini F, Grabe HJ, Grove ML, Gu CC, Harris TB, Heikkinen S, Heng CK, Hirata M, Hixson JE, Howard BV, Ikram MA; InterAct Consortium, Jacobs DR, Johnson C, Jonas JB, Kammerer CM, Katsuya T, Khor CC, Kilpeläinen TO, Koh WP, Koistinen HA, Kolcic I, Kooperberg C, Krieger JE, Kritchevsky SB, Kubo M, Kuusisto J, Lakka TA, Langefeld CD, Langenberg C, Launer LJ, Lehne B, Lemaitre RN, Li Y, Liang J, Liu J, Liu K, Loh M, Louie T, Mägi R, Manichaikul AW, McKenzie CA, Meitinger T, Metspalu A, Milanéschi Y, Milani L, Mohlke KL, Mosley TH, Mukamal KJ, Nalls MA, Nauck M, Nelson CP, Sotoodehnia N, O'Connell JR, Palmer ND, Pazoki R, Pedersen NL, Peters A, Peyser PA, Polasek O, Poulter N, Raffel LJ, Raitakari OT, Reiner AP, Rice TK, Rich SS, Robino A, Robinson JG, Rose LM, Rudan I, Schmidt CO, Schreiner PJ, Scott WR, Sever P, Shi Y, Sidney S, Sims M, Smith BH, Smith JA, Snieder H, Starr JM, Strauch K, Tan N, Taylor KD, Teo YY, Tham YC, Uitterlinden AG, van Heemst D, Vuckovic D, Waldenberger M, Wang L, Wang Y, Wang Z, Wei WB, Williams C, Wilson G, Wojczynski MK, Yao J, Yu B, Yu C, Yuan JM, Zhao W, Zonderman AB, Becker DM, Boehnke M, Bowden DW, Chambers JC, Deary IJ, Esko T, Farrall M, Franks PW, Freedman BI, Froguel P, Gasparini P, Gieger C, Horta BL, Kamatani Y, Kato N, Kooner JS, Laakso M, Leander K, Lehtimäki T; Lifelines Cohort, Groningen, The Netherlands (Lifelines Cohort Study), Magnusson PKE, Penninx B, Pereira AC, Rauramaa R, Samani NJ, Scott J, Shu XO, van der Harst P, Wagenknecht LE, Wang YX, Wareham NJ, Watkins H, Weir DR, Wickremasinghe AR, Zheng W, Elliott P, North KE, Bouchard C, Evans MK, Gudnason V, Liu CT, Liu Y, Psaty BM, Ridker PM, van Dam RM, Kardia SLR, Zhu X, Rotimi CN, Mook-Kanamori DO, Fornage M, Kelly TN, Fox ER, Hayward C, van Duijn CM, Tai ES, Wong TY, Liu J, Rotter JI, Gauderman WJ, Province MA, Munroe PB, Rice K, Chasman DI, Cupples LA, Rao DC, Morrison AC.

Am J Epidemiol. 2019 Jun 1;188(6):1033-1054. doi: 10.1093/aje/kwz005.

PMID: 30698716

- [Raccoons accumulate PrP<sup>Sc</sup> after intracranial inoculation of the agents of chronic wasting disease or transmissible mink encephalopathy but not atypical scrapie.](#)  
130. Moore SJ, Smith JD, Richt JA, Greenlee JJ.  
J Vet Diagn Invest. 2019 Mar;31(2):200-209. doi: 10.1177/1040638718825290. Epub 2019 Jan 29.  
PMID: 30694116
- [Prevalence of Listeria monocytogenes in Select Ready-to-Eat Foods-Deli Meat, Soft Cheese, and Packaged Salad: A Systematic Review and Meta-Analysis.](#)  
131. Churchill KJ, Sargeant JM, Farber JM, O'Connor AM.  
J Food Prot. 2019 Feb;82(2):344-357. doi: 10.4315/0362-028X.JFP-18-158.  
PMID: 30688537
- [Genotypes and Antimicrobial Susceptibility Profiles of Hemolytic Escherichia coli from Diarrheic Piglets.](#)  
132. Jiang F, Wu Z, Zheng Y, Frana TS, Sahin O, Zhang Q, Li G.  
Foodborne Pathog Dis. 2019 Feb;16(2):94-103. doi: 10.1089/fpd.2018.2480. Epub 2019 Jan 28.  
PMID: 30688527
- [Medical Misinformation: Vet the Message!](#)  
133. Hill JA, Agewall S, Baranchuk A, Booz GW, Borer JS, Camici PG, Chen PS, Dominiczak AF, Erol C, Grines C, Gropler RJ, Guzik TJ, Heinemann MK, Iskandrian AE, Knight BP, London B, Lüscher TF, Metra M, Musunuru K, Nallamothu BK, Natale A, Saksena S, Picard MH, Rao SV, Remme WJ, Rosenson RS, Sweitzer NK, Timmis AD, Vrints CJ.  
Circulation. 2019 Jan 28. doi: 10.1161/CIRCULATIONAHA.118.039193. [Epub ahead of print] No abstract available.  
PMID: 30688522
- [The principles of tomorrow's university.](#)  
134. Katz DS, Allen G, Barba LA, Berg DR, Bik H, Boettiger C, Borgman CL, Brown CT, Buck S, Burd R, de Waard A, Eve MP, Granger BE, Greenberg J, Howe A, Howe B, Khanna M, Killeen TL, Mayernik M, McKiernan E, Mentzel C, Merchant N, Niemeyer KE, Noren L, Nusser SM, Reed DA, Seidel E, Smith M, Spies JR, Turk M, Van Horn JD, Walsh J.  
F1000Res. 2018 Dec 11;7:1926. doi: 10.12688/f1000research.17425.1. eCollection 2018.  
PMID: 30687499 **Free PMC Article**

- [Menthol acts as a positive allosteric modulator on nematode levamisole sensitive nicotinic acetylcholine receptors.](#)  
135. Choudhary S, Marjanović DS, Wong CR, Zhang X, Abongwa M, Coats JR, Trailović SM, Martin RJ, Robertson AP. Int J Parasitol Drugs Drug Resist. 2019 Apr;9:44-53. doi: 10.1016/j.ijpddr.2018.12.005. Epub 2018 Dec 30.  
PMID: 30682641 **Free PMC Article**
- [Fecal microbiota changes associated with dehorning and castration stress primarily affects light-weight dairy calves.](#)  
136. Mir RA, Kleinhenz MD, Coetzee JF, Allen HK, Kudva IT. PLoS One. 2019 Jan 23;14(1):e0210203. doi: 10.1371/journal.pone.0210203. eCollection 2019.  
PMID: 30673718 **Free PMC Article**
- [Establishment of Hy-Line commercial laying hen whole blood gas and biochemistry reference intervals utilizing portable i-STAT1 clinical analyzer.](#)  
137. Sauer ZC, Taylor K, Wolc A, Viall A, O'Sullivan N, Fulton JE, Rubinoff I, Schaal T, Sato Y. Poult Sci. 2019 Jun 1;98(6):2354-2359. doi: 10.3382/ps/pey600.  
PMID: 30668776
- [Adaptation and evaluation of a monopolar electrosurgical triangle-tip knife for transendoscopic ventriculocordectomy in healthy horses.](#)  
138. Suarez-Fuentes DG, Tatarniuk DM, Caston SS, Bell CD, Loinaz RJ, Hostetter JM. Vet Surg. 2019 May;48(4):481-487. doi: 10.1111/vsu.13154. Epub 2019 Jan 13.  
PMID: 30637790
- [Skunk River virus, a novel orbivirus isolated from Aedes trivittatus in the United States.](#)  
139. Tangudu CS, Charles J, Hurt SL, Dunphy BM, Smith RC, Bartholomay LC, Blitvich BJ. J Gen Virol. 2019 Feb;100(2):295-300. doi: 10.1099/jgv.0.001219. Epub 2019 Jan 11.  
PMID: 30632960
- [Identification of T-cell epitopes in African swine fever virus CD2v and C-type lectin proteins.](#)  
140. Burmakina G, Malogolovkin A, Tulman ER, Xu W, Delhon G, Kolbasov D, Rock DL. J Gen Virol. 2019 Feb;100(2):259-265. doi: 10.1099/jgv.0.001195. Epub 2019 Jan 10.  
PMID: 30628881 **Free Article**

- [Production of the Neurotoxin Salsolinol by a Gut-Associated Bacterium and Its Modulation by Alcohol.](#)  
141. Villageliú DN, Borts DJ, Lyte M.  
Front Microbiol. 2018 Dec 18;9:3092. doi: 10.3389/fmicb.2018.03092. eCollection 2018.  
PMID: 30619171 **Free PMC Article**
- [Detection, isolation, and in vitro characterization of porcine parainfluenza virus type 1 isolated from respiratory diagnostic specimens in swine.](#)  
142. Park JY, Welch MW, Harmon KM, Zhang J, Piñeyro PE, Li G, Hause BM, Gauger PC.  
Vet Microbiol. 2019 Jan;228:219-225. doi: 10.1016/j.vetmic.2018.12.002. Epub 2018 Dec 5.  
PMID: 30593371 **Free Article**
- [Limited shedding of an S-InDel strain of porcine epidemic diarrhea virus \(PEDV\) in semen and questions regarding the infectivity of the detected virus.](#)  
143. Gallien S, Moro A, Lediguerher G, Catinot V, Paboeuf F, Bigault L, Gauger PC, Pozzi N, Berri M, Authié E, Rose N, Grasland B.  
Vet Microbiol. 2019 Jan;228:20-25. doi: 10.1016/j.vetmic.2018.09.025. Epub 2018 Oct 11.  
PMID: 30593368
- [The effect of a porcine reproductive and respiratory syndrome outbreak on genetic parameters and reaction norms for reproductive performance in pigs1.](#)  
144. Putz AM, Schwab CR, Sewell AD, Holtkamp DJ, Zimmerman JJ, Baker K, Serão NVL, Dekkers JCM.  
J Anim Sci. 2019 Mar 1;97(3):1101-1116. doi: 10.1093/jas/sky485.  
PMID: 30590720
- [Detection of porcine epidemic diarrhea virus \(PEDV\) IgG and IgA in muscle tissue exudate \("meat juice"\) specimens.](#)  
145. Poonsuk K, Cheng TY, Ji J, Zimmerman J, Giménez-Lirola L.  
Porcine Health Manag. 2018 Dec 18;4:31. doi: 10.1186/s40813-018-0107-4. eCollection 2018.  
PMID: 30574353 **Free PMC Article**
- [Correlating Gastrointestinal Histopathologic Changes to Clinical Disease Activity in Dogs With Idiopathic Inflammatory Bowel Disease.](#)  
146.

Allenspach KA, Mochel JP, Du Y, Priestnall SL, Moore F, Slayter M, Rodrigues A, Ackermann M, Krockenberger M, Mansell J; WSAVA GI Standardization Working Group, Luckschander N, Wang C, Suchodolski J, Berghoff N, Jergens AE. Vet Pathol. 2019 May;56(3):435-443. doi: 10.1177/0300985818813090. Epub 2018 Dec 18.  
PMID: 30563436

[Description and characterization of a hair coat disorder in schipperkes.](#)

147. May ER, Frank LA, Sula MM.

Vet Dermatol. 2019 Feb;30(1):36-e10. doi: 10.1111/vde.12711. Epub 2018 Dec 17.

PMID: 30556622

[Use of praziquantel to control platyhelminth parasites of fish.](#)

148. Bader C, Starling DE, Jones DE, Brewer MT.

J Vet Pharmacol Ther. 2019 Mar;42(2):139-153. doi: 10.1111/jvp.12735. Epub 2018 Dec 16. Review.

PMID: 30556228

[Surface engineered polyanhydride-based oral \*Salmonella\* subunit nanovaccine for poultry.](#)

149. Renu S, Markazi AD, Dhakal S, Lakshmanappa YS, Gourapura SR, Shanmugasundaram R, Senapati S, Narasimhan B, Selvaraj RK, Renukaradhya GJ.

Int J Nanomedicine. 2018 Nov 30;13:8195-8215. doi: 10.2147/IJN.S185588. eCollection 2018.

PMID: 30555234 **Free PMC Article**

[Narrative review of therapies for chronic enteropathies in dogs and cats.](#)

150. Makielski K, Cullen J, O'Connor A, Jergens AE.

J Vet Intern Med. 2019 Jan;33(1):11-22. doi: 10.1111/jvim.15345. Epub 2018 Dec 6. Review.

PMID: 30523666 **Free PMC Article**

[Effect of diets containing sulfate or chloride-based anionic salts, fed to grazing prepartum dairy cows, on concentrations of Ca in plasma, disease incidence and milk yield.](#)

151. Melendez P, Zaror V, Gaul P, Pooch SE, Goff JP.

N Z Vet J. 2019 Mar;67(2):79-85. doi: 10.1080/00480169.2018.1556747. Epub 2018 Dec 20.

PMID: 30522418

- [Complete Genome Sequences of Two Novel Human-Like H3N2 Influenza A Viruses, A/swine/Oklahoma/65980/2017 \(H3N2\) and A/Swine/Oklahoma/65260/2017 \(H3N2\), Detected in Swine in the United States.](#)  
152. Zeller MA, Li G, Harmon KM, Zhang J, Vincent AL, Anderson TK, Gauger PC.  
Microbiol Resour Announc. 2018 Nov 21;7(20). pii: e01203-18. doi: 10.1128/MRA.01203-18. eCollection 2018 Nov.  
PMID: 30533826 **Free PMC Article**
- [Complete Genome Sequence of Avian Pathogenic Escherichia coli Strain APEC O2-211.](#)  
153. Nielsen DW, Mangiamele P, Ricker N, Barbieri NL, Allen HK, Nolan LK, Logue CM.  
Microbiol Resour Announc. 2018 Sep 27;7(12). pii: e01046-18. doi: 10.1128/MRA.01046-18. eCollection 2018 Sep.  
PMID: 30533666 **Free PMC Article**
- [Complete Genome Sequence of Houston Virus, a Newly Discovered Mosquito-Specific Virus Isolated from Culex quinquefasciatus in Mexico.](#)  
154. Cigarroa-Toledo N, Baak-Baak CM, Cetina-Trejo RC, Cordova-Fletes C, Martinez-Nuñez MA, Talavera-Aguilar LG, Garcia-Rejon JE, Torres-Chable OM, Suzan G, Blitvich BJ, Machain-Williams C.  
Microbiol Resour Announc. 2018 Sep 13;7(10). pii: e00808-18. doi: 10.1128/MRA.00808-18. eCollection 2018 Sep.  
PMID: 30533617 **Free PMC Article**
- [Complete Genome Sequence of the Multidrug-Resistant Neonatal Meningitis Escherichia coli Serotype O75:H5:K1 Strain mcjchv-1 \(NMEC-O75\).](#)  
155. Nielsen DW, Ricker N, Barbieri NL, Wynn JL, Gómez-Duarte OG, Iqbal J, Nolan LK, Allen HK, Logue CM.  
Microbiol Resour Announc. 2018 Sep 13;7(10). pii: e01043-18. doi: 10.1128/MRA.01043-18. eCollection 2018 Sep.  
PMID: 30533615 **Free PMC Article**
- [The effect of a surgical safety checklist on complication rates associated with permanent transvenous pacemaker implantation in dogs.](#)  
156. Ward J, McLaughlin A, Burzette R, Keene B.  
J Vet Cardiol. 2019 Apr;22:72-83. doi: 10.1016/j.jvc.2018.11.001. Epub 2018 Dec 5.  
PMID: 30527533

- [Development and Validation of a Copro-Enzyme-Linked Immunosorbent Assay Sandwich for Detection of \*Echinococcus granulosus\*-Soluble Membrane Antigens in Dogs.](#)  
157. Jara LM, Rodriguez M, Altamirano F, Herrera A, Verastegui M, Gímenez-Lirola LG, Gilman RH, Gavidia CM. Am J Trop Med Hyg. 2019 Feb;100(2):330-335. doi: 10.4269/ajtmh.18-0645. PMID: 30526746
- [A Single-Step Gold Nanoparticle-Blood Serum Interaction Assay Reveals Humoral Immunity Development and Immune Status of Animals from Neonates to Adults.](#)  
158. Zheng T, Crews J, McGill JL, Dhume K, Finn C, Strutt T, McKinstry KK, Huo Q. ACS Infect Dis. 2019 Feb 8;5(2):228-238. doi: 10.1021/acsinfectdis.8b00213. Epub 2018 Dec 19. PMID: 30521752
- [Antiparasitic Activity of Auranofin against Pathogenic \*Naegleria fowleri\*.](#)  
159. Peroutka-Bigus N, Bellaire BH. J Eukaryot Microbiol. 2019 Jul;66(4):684-688. doi: 10.1111/jeu.12706. Epub 2019 Jan 11. PMID: 30520183
- [Viral testing of 18 consecutive cases of equine serum hepatitis: A prospective study \(2014-2018\).](#)  
160. Tomlinson JE, Kapoor A, Kumar A, Tennant BC, Laverack MA, Beard L, Delph K, Davis E, Schott li H, Lascola K, Holbrook TC, Johnson P, Taylor SD, McKenzie E, Carter-Arnold J, Setlakwe E, Fultz L, Brakenhoff J, Ruby R, Trivedi S, Van de Walle GR, Renshaw RW, Dubovi EJ, Divers TJ. J Vet Intern Med. 2019 Jan;33(1):251-257. doi: 10.1111/jvim.15368. Epub 2018 Dec 5. PMID: 30520162 **Free PMC Article**
- [Sacubitril/valsartan \(LCZ696\) significantly reduces aldosterone and increases cGMP circulating levels in a canine model of RAAS activation.](#)  
161. Mochel JP, Teng CH, Peyrou M, Giraudel J, Danhof M, Rigel DF. Eur J Pharm Sci. 2019 Feb 1;128:103-111. doi: 10.1016/j.ejps.2018.11.037. Epub 2018 Nov 30. PMID: 30508581



- [Corrigendum to 'Multilocus sequence typing of \*Mycoplasma bovis\* reveals host-specific genotypes in cattle versus bison'](#) *Vet. Microbiol.* 175 (1)(2015) 92-98.  
162. Register KB, Thole L, Rosenbush RF, Minion FC.  
Vet Microbiol. 2019 Jan;228:264-265. doi: 10.1016/j.vetmic.2018.11.012. Epub 2018 Nov 27. No abstract available.  
PMID: 30497811
- [Identification of factors associated with virus level in tonsils of pigs experimentally infected with porcine reproductive and respiratory syndrome virus.](#)  
163. Hess AS, Lunney JK, Abrams S, Choi I, Tribble BR, Hess MK, Rowland RRR, Plastow GS, Dekkers JCM.  
J Anim Sci. 2019 Feb 1;97(2):536-547. doi: 10.1093/jas/sky446.  
PMID: 30496411
- [Dopamine production in \*Enterococcus faecium\*: A microbial endocrinology-based mechanism for the selection of probiotics based on neurochemical-producing potential.](#)  
164. Villageliú D, Lyte M.  
PLoS One. 2018 Nov 28;13(11):e0207038. doi: 10.1371/journal.pone.0207038. eCollection 2018.  
PMID: 30485295 **Free PMC Article**
- [New \*Drosophila\* Long-Term Memory Genes Revealed by Assessing Computational Function Prediction Methods.](#)  
165. Kacsoh BZ, Barton S, Jiang Y, Zhou N, Mooney SD, Friedberg I, Radivojac P, Greene CS, Bosco G.  
G3 (Bethesda). 2019 Jan 9;9(1):251-267. doi: 10.1534/g3.118.200867.  
PMID: 30463884 **Free PMC Article**
- [Dexamethasone treatment did not exacerbate Seneca Valley virus infection in nursery-age pigs.](#)  
166. Buckley A, Montiel N, Guo B, Kulshreshtha V, van Geelen A, Hoang H, Rademacher C, Yoon KJ, Lager K.  
BMC Vet Res. 2018 Nov 20;14(1):352. doi: 10.1186/s12917-018-1693-8.  
PMID: 30453952 **Free PMC Article**
- [Genome-wide SNP profiling of worldwide goat populations reveals strong partitioning of diversity and highlights post-domestication migration routes.](#)  
167.

Colli L, Milanese M, Talenti A, Bertolini F, Chen M, Crisà A, Daly KG, Del Corvo M, Guldbrandtsen B, Lenstra JA, Rosen BD, Vajana E, Catillo G, Joost S, Nicolazzi EL, Rochat E, Rothschild MF, Servin B, Sonstegard TS, Steri R, Van Tassell CP, Ajmone-Marsan P, Crepaldi P, Stella A; AdaptMap Consortium.

Genet Sel Evol. 2018 Nov 19;50(1):58. doi: 10.1186/s12711-018-0422-x.

PMID: 30449284 **Free PMC Article**

- [Clonal expansion and horizontal transmission of epidemic F2:A1:B1 plasmids involved in co-spread of rmtB with qepA and blaCTX-M-27 in extensively drug-resistant Salmonella enterica serovar Indiana isolates.](#)

168. Fang LX, Deng GH, Jiang Q, Cen DJ, Yang RS, Feng YY, Xia J, Sun J, Liu YH, Zhang Q, Liao XP. J Antimicrob Chemother. 2019 Feb 1;74(2):334-341. doi: 10.1093/jac/dky441.

PMID: 30445474

- [Restriction of Zika virus infection and transmission in Aedes aegypti mediated by an insect-specific flavivirus.](#)

169. Romo H, Kenney JL, Blitvich BJ, Brault AC.

Emerg Microbes Infect. 2018 Nov 15;7(1):181. doi: 10.1038/s41426-018-0180-4.

PMID: 30429457 **Free PMC Article**

- [Relative Oral Bioavailability of Two Amoxicillin-Clavulanic Acid Formulations in Healthy Dogs: A Pilot Study.](#)

170. Moczarnik J, Berger DJ, Noxon JO, LeVine DN, Lin Z, Coetzee JF, Mochel JP.

J Am Anim Hosp Assoc. 2019 Jan/Feb;55(1):14-22. doi: 10.5326/JAAHA-MS-6872. Epub 2018 Nov 14.

PMID: 30427713

- [Discovery of a novel Tymoviridae-like virus in mosquitoes from Mexico.](#)

171. Charles J, Tangudu CS, Hurt SL, Tumescheit C, Firth AE, Garcia-Rejon JE, Machain-Williams C, Blitvich BJ.

Arch Virol. 2019 Feb;164(2):649-652. doi: 10.1007/s00705-018-4098-x. Epub 2018 Nov 13.

PMID: 30426216

- [Flipped Classroom Use in Veterinary Education: A Multinational Survey of Faculty Experiences.](#)

172. Matthew SM, Schoenfeld-Tacher RM, Danielson JA, Warman SM.

J Vet Med Educ. Spring 2019;46(1):97-107. doi: 10.3138/jvme.0517-058r1. Epub 2018 Nov 12.

PMID: 30418806

- [Clinical features of cats with aqueous tear deficiency: a retrospective case series of 10 patients \(17 eyes\).](#)  
173. Uhl LK, Saito A, Iwashita H, Maggs DJ, Mochel JP, Sebbag L.  
J Feline Med Surg. 2019 Oct;21(10):944-950. doi: 10.1177/1098612X18810867. Epub 2018 Nov 12.  
PMID: 30417738
  
- [Detection of novel and recognized RNA viruses in mosquitoes from the Yucatan Peninsula of Mexico using metagenomics and characterization of their in vitro host ranges.](#)  
174. Charles J, Tangudu CS, Hurt SL, Tumescheit C, Firth AE, Garcia-Rejon JE, Machain-Williams C, Blitvich BJ.  
J Gen Virol. 2018 Dec;99(12):1729-1738. doi: 10.1099/jgv.0.001165. Epub 2018 Nov 9.  
PMID: 30412047 **Free PMC Article**
  
- [The role of the NADH-dependent nitrite reductase, Nir, from Escherichia coli in fermentative ammonification.](#)  
175. Wang X, Tamiev D, Alagurajan J, DiSpirito AA, Phillips GJ, Hargrove MS.  
Arch Microbiol. 2019 May;201(4):519-530. doi: 10.1007/s00203-018-1590-3. Epub 2018 Nov 7.  
PMID: 30406295
  
- [Laparoscopic Artificial Insemination Technique in Small Ruminants-A Procedure Review.](#)  
176. Sathe SR.  
Front Vet Sci. 2018 Oct 23;5:266. doi: 10.3389/fvets.2018.00266. eCollection 2018.  
PMID: 30406122 **Free PMC Article**
  
- [Seroprevalence of Leptospira spp., Toxoplasma gondii, and Dirofilaria immitis in Free-Roaming Cats in Iowa.](#)  
177. Palerme JS, Lamperelli E, Gagne J, Cazlan C, Zhang M, Olds JE.  
Vector Borne Zoonotic Dis. 2019 Mar;19(3):193-198. doi: 10.1089/vbz.2017.2255. Epub 2018 Nov 1.  
PMID: 30383983
  
- [Utilization of macrophage extracellular trap nucleotides by Mycoplasma hyopneumoniae.](#)  
178. Henthorn CR, Chris Minion F, Sahin O.  
Microbiology. 2018 Nov;164(11):1394-1404. doi: 10.1099/mic.0.000717.  
PMID: 30383520

- [2018 AAHA Infection Control, Prevention, and Biosecurity Guidelines.](#)  
179. Stull JW, Bjorvik E, Bub J, Dvorak G, Petersen C, Troyer HL.  
J Am Anim Hosp Assoc. 2018 Nov/Dec;54(6):297-326. doi: 10.5326/JAAHA-MS-6903.  
PMID: 30376377
- [Glycogen depletion can increase the specificity of mucin detection in airway tissues.](#)  
180. Meyerholz DK, Beck AP, Goeken JA, Leidinger MR, Ofori-Amanfo GK, Brown HC, Businga TR, Stoltz DA, Reznikov LR, Flaherty HA.  
BMC Res Notes. 2018 Oct 25;11(1):763. doi: 10.1186/s13104-018-3855-y.  
PMID: 30359291 **Free PMC Article**
- [Harnessing longitudinal information to identify genetic variation in tolerance of pigs to Porcine Reproductive and Respiratory Syndrome virus infection.](#)  
181. Lough G, Hess A, Hess M, Rashidi H, Matika O, Lunney JK, Rowland RRR, Kyriazakis I, Mulder HA, Dekkers JCM, Doeschl-Wilson A.  
Genet Sel Evol. 2018 Oct 24;50(1):50. doi: 10.1186/s12711-018-0420-z.  
PMID: 30355341 **Free PMC Article**
- [A review of foot-and-mouth disease virus \(FMDV\) testing in livestock with an emphasis on the use of alternative diagnostic specimens.](#)  
182. Poonsuk K, Giménez-Lirola L, Zimmerman JJ.  
Anim Health Res Rev. 2018 Dec;19(2):100-112. doi: 10.1017/S1466252318000063. Epub 2018 Oct 22. Review.  
PMID: 30345947
- [Detection and differentiation of five diarrhea related pig viruses utilizing a multiplex PCR assay.](#)  
183. Liu G, Jiang Y, Opriessnig T, Gu K, Zhang H, Yang Z.  
J Virol Methods. 2019 Jan;263:32-37. doi: 10.1016/j.jviromet.2018.10.009. Epub 2018 Oct 15.  
PMID: 30336161
- [Retrospective evaluation of toceranib phosphate \(Palladia®\) use in the treatment of gastrointestinal stromal tumors of dogs.](#)  
184.

Berger EP, Johannes CM, Jergens AE, Allenspach K, Powers BE, Du Y, Mochel JP, Fox LE, Musser ML.  
J Vet Intern Med. 2018 Nov;32(6):2045-2053. doi: 10.1111/jvim.15335. Epub 2018 Oct 11.  
PMID: 30307656 **Free PMC Article**

[Correction to: Photography-based method for assessing fluorescein clearance test in dogs.](#)

185. Oriá AP, Rebouças MF, Filho EM, de Assis Dórea Neto F, Raposo AC, Sebbag L.  
BMC Vet Res. 2018 Oct 8;14(1):305. doi: 10.1186/s12917-018-1632-8.  
PMID: 30296939 **Free PMC Article**

[Agriculture Occupational Exposures and Factors Affecting Health Effects.](#)

186. Nordgren TM, Charavaryamath C.  
Curr Allergy Asthma Rep. 2018 Oct 5;18(12):65. doi: 10.1007/s11882-018-0820-8. Review.  
PMID: 30291457 **Free PMC Article**

[International neural monitoring study group guideline 2018 part I: Staging bilateral thyroid surgery with monitoring loss of signal.](#)

Schneider R, Randolph GW, Dionigi G, Wu CW, Barczynski M, Chiang FY, Al-Quaryshi Z, Angelos P, Brauckhoff K, Cernea CR, Chaplin J, Cheetham J, Davies L, Goretzki PE, Hartl D, Kamani D, Kandil E, Kyriazidis N, Liddy W, Orloff L, Scharpf J, Serpell J, Shin JJ, Sinclair CF, Singer MC, Snyder SK, Tolley NS, Van Slycke S, Volpi E, Witterick I, Wong RJ, Woodson G, Zafereo M, Dralle H.  
Laryngoscope. 2018 Oct;128 Suppl 3:S1-S17. doi: 10.1002/lary.27359. Epub 2018 Oct 5. Review.  
PMID: 30289983

[Neuropil Distribution in the Anterior Cingulate and Occipital Cortex of Artiodactyls.](#)

188. Spocter MA, Fairbanks J, Locey L, Nguyen A, Bitterman K, Dunn R, Sherwood CC, Geletta S, Dell LA, Patzke N, Manger PR.  
Anat Rec (Hoboken). 2018 Nov;301(11):1871-1881. doi: 10.1002/ar.23905. Epub 2018 Oct 5.  
PMID: 30289208

[Effects of sample handling on the detection of porcine reproductive and respiratory syndrome virus in oral fluids by reverse-transcription real-time PCR.](#)

189. [reverse-transcription real-time PCR.](#)

Weiser AC, Poonsuk K, Bade SA, Gauger PC, Rotolo M, Harmon K, Gonzalez WM, Wang C, Main R, Zimmerman JJ. J Vet Diagn Invest. 2018 Nov;30(6):807-812. doi: 10.1177/1040638718805534. Epub 2018 Oct 4.  
PMID: 30284505 **Free PMC Article**

[Molecular detection of \*Dirofilaria immitis\* in dogs and mosquitoes in Tabasco, Mexico.](#)

190. Torres-Chable OM, Baak-Baak CM, Cigarroa-Toledo N, Blitvich BJ, Brito-Argaez LG, Alvarado-Kantun YN, Zaragoza-Vera CV, Arjona-Jimenez G, Moreno-Perez LG, Medina-Perez P, Machain-Williams CI, Garcia-Rejon JE. J Vector Borne Dis. 2018 Apr-Jun;55(2):151-158. doi: 10.4103/0972-9062.242563.  
PMID: 30280714 **Free Article**

[Single Nucleotide Polymorphism Analysis Indicates Genetic Distinction and Reduced Diversity of Swine-Associated Methicillin Resistant \*Staphylococcus aureus\* \(MRSA\) ST5 Isolates Compared to Clinical MRSA ST5 Isolates.](#)

191. Hau SJ, Allué-Guardia A, Rusconi B, Haan JS, Davies PR, Frana TS, Eppinger M, Nicholson TL. Front Microbiol. 2018 Sep 11;9:2078. doi: 10.3389/fmicb.2018.02078. eCollection 2018.  
PMID: 30271385 **Free PMC Article**

[Detection of classical swine fever virus \(CSFV\) E2 and E<sup>ms</sup> antibody \(IgG, IgA\) in oral fluid specimens from inoculated \(ALD strain\) or vaccinated \(LOM strain\) pigs.](#)

192. Panyasing Y, Thanawongnuwech R, Ji J, Giménez-Lirola L, Zimmerman J. Vet Microbiol. 2018 Oct;224:70-77. doi: 10.1016/j.vetmic.2018.08.024. Epub 2018 Aug 28.  
PMID: 30269793

[Possible risks posed by single-stranded DNA viruses of pigs associated with xenotransplantation.](#)

193. Karuppannan AK, Opriessnig T. Xenotransplantation. 2018 Jul;25(4):e12453. doi: 10.1111/xen.12453. Review.  
PMID: 30264878 **Free PMC Article**

[Antimicrobial Resistance Distribution Differs Among Methicillin Resistant \*Staphylococcus aureus\* Sequence Type \(ST\) 5 Isolates From Health Care and Agricultural Sources.](#)

194. Hau SJ, Haan JS, Davies PR, Frana T, Nicholson TL. Front Microbiol. 2018 Sep 11;9:2102. doi: 10.3389/fmicb.2018.02102. eCollection 2018.

[Comment on "The domestic cat antibody responseto FHV-1 increases with age".](#)

195. Roth JA.

Vet Immunol Immunopathol. 2018 Sep;203:65. doi: 10.1016/j.vetimm.2018.08.007. Epub 2018 Aug 20. No abstract available.

PMID: 30243376

[Culex tarsalis is a competent vector species for Cache Valley virus.](#)

196. Ayers VB, Huang YS, Lyons AC, Park SL, Higgs S, Dunlop JI, Kohl A, Alto BW, Unlu I, Blitvich BJ, Vanlandingham DL.

Parasit Vectors. 2018 Sep 20;11(1):519. doi: 10.1186/s13071-018-3103-2.

PMID: 30236148 **Free PMC Article**

[Praziquantel Resistance in the Zoonotic Cestode \*Dipylidium caninum\*.](#)

197. Jesudoss Chelladurai J, Kifleyohannes T, Scott J, Brewer MT.

Am J Trop Med Hyg. 2018 Nov;99(5):1201-1205. doi: 10.4269/ajtmh.18-0533.

PMID: 30226153

[Surveillance for Flaviviruses Near the Mexico-U.S. Border: Co-circulation of Dengue Virus Serotypes 1, 2, and 3 and](#)

198. [West Nile Virus in Tamaulipas, Northern Mexico, 2014-2016.](#)

Laredo-Tiscareño SV, Garza-Hernandez JA, Salazar MI, De Luna-Santillana EJ, Tangudu CS, Cetina-Trejo RC, Doria-Cobos GL, Carmona-Aguirre SD, Garcia-Rejon JE, Machain-Williams C, Blitvich BJ, Pérez MAR.

Am J Trop Med Hyg. 2018 Nov;99(5):1308-1317. doi: 10.4269/ajtmh.18-0426.

PMID: 30226141

[Changes in duodenal CD163-positive cells in dogs with chronic enteropathy after successful treatment.](#)

199. Dandrieux JR, Martinez Lopez LM, Stent A, Jergens A, Allenspach K, Nowell CJ, Firestone SM, Kimpton W, Mansfield CS.

Innate Immun. 2018 Oct;24(7):400-410. doi: 10.1177/1753425918799865. Epub 2018 Sep 17.

PMID: 30223681

[Assessment of abattoir based monitoring of PRRSV using oral fluids.](#)

200. Almeida MN, Zimmerman JJ, Wang C, Linhares DCL.

Prev Vet Med. 2018 Oct 1;158:137-145. doi: 10.1016/j.prevetmed.2018.08.002. Epub 2018 Aug 9.

PMID: 30220387

[Back to top](#)