

**AMENDMENT TO 2014 U.S. BWC CBM RETURN**

The United States endeavors to make its annual BWC CBM returns complete, accurate and transparent. Pursuant to this goal, the U.S. Government (USG) continually works to improve the process by which information is assembled and reviewed for the CBM. When an error is discovered during this process, the USG will amend the relevant CBM return(s).

**ERRATUM:**

The National Animal Disease Center's 2014 entry on CBM A, part 2(iii) inadvertently omitted publications in answer to question 4(ix). The complete list of publications appears below.

1. Abrahante, J.E., Johnson, T.J., Hunter, S.S., Maheswaran, S.K., Hauglund, M.J., Bayles, D.O., Tatum, F.M., Briggs, R.E. 2013. Draft genome sequences of two virulent serotypes of avian *Pasteurella multocida*. *Genome Announcements*. 1(1):e00058. DOI:10.1128/genomeA.00058-12.  
<http://genomea.asm.org/content/1/1/e00058-12.short>
2. Allen, H.K., Bunge, J., Foster, J.A., Bayles, D.O., Stanton, T.B. 2013. Estimation of viral richness from shotgun metagenomes using a frequency count approach. *BMC Microbiome*. 1(5). Available: <http://www.microbiomejournal.com/content/1/1/5>.
3. Anderson, T.K., Nelson, M.I., Kitikoon, P., Swenson, S.L., Korslund, J.A., Vincent, A.L. 2013. Population dynamics of cocirculating swine influenza A viruses in the United States from 2009 to 2012. *Influenza and Other Respiratory Viruses*. 7(Suppl. 4):42-51.  
<http://onlinelibrary.wiley.com/doi/10.1111/irv.12193/full>
4. Aschenbroich, S., Nemeth, N., Rech, R., Briggs, R.E., Sanchez, S., Brown, C. 2013. Mannheimia haemolytica A1-induced fibrinosuppurative meningoencephalitis in a naturally-infected Holstein-Friesian calf. *Journal of Comparative Pathology*. 149(2-3):167-171.  
<http://www.sciencedirect.com/science/article/pii/S0021997513000327>
5. Bannantine, J.P., Olsen, S.C., Kehrl Jr, M.E., Stanton, T.B., Casas, E., Whipple, D.L., Zuelke, K.A. 2013. High-impact animal health research conducted at the USDA's National Animal Disease Center. *Veterinary Microbiology*. 165(2013):224-233.  
<http://www.sciencedirect.com/science/article/pii/S0378113513002125>
6. Bannantine, J.P., Li, L., Sreevatsan, S., Kapur, V. 2013. How does a Mycobacterium change its spots? Applying molecular tools to track diverse strains of Mycobacterium avium subspecies paratuberculosis. *Letters in Applied Microbiology*. 57(3):165-173.  
<http://onlinelibrary.wiley.com/doi/10.1111/lam.12109/full>
7. Bass, K.E., Nonnecke, B.J., Palmer, M.V., Thacker, T.C., Hardegger, R., Schroeder, B., Raeber, A.J., Waters, W.R. 2013. Clinical and diagnostic developments of a gamma interferon release assay for use in bovine tuberculosis control programs. *Clinical and Vaccine Immunology*. 20(12):1827-1835.  
<http://cvi.asm.org/content/20/12/1827>
8. Bauermann, F.V., Harmon, A., Flores, E.F., Falkenberg, S.M., Reecy, J.M., Ridpath, J.F. 2013. In vitro neutralization against HoBi-like viruses by antibodies in serum of cattle immunized with inactivated or modified live vaccines of bovine viral diarrhea virus 1 and 2. *Veterinary Microbiology*. 166(1-2):242-245.  
<http://www.sciencedirect.com/science/article/pii/S0378113513002502>
9. Bose, S., Schonenbrucher, H., Richt, J.A., Casey, T., Rasmussen, M.A., Kehrl, Jr., M.E., Petrich, J.W. 2013. Fluorescence spectroscopy of the retina from scrapie-infected mice. *Photochemistry and Photobiology*. 89(4):864-868. Available: <http://dx.doi.org/10.1111/php.12056>.

10. Bradner, L., Robbe-Austerman, S., Beitz, D.C., Stabel, J.R. 2013. Chemical decontamination with n-acetyl-l-cysteine-sodium hydroxide improves recovery of viable *Mycobacterium avium* subsp. paratuberculosis organisms from cultured milk. *Journal of Clinical Microbiology*. 51(7):2139-2146.  
<http://jcm.asm.org/content/51/7/2139.short>
11. Bradner, L., Robbe-Austerman, S., Beitz, D.C., Stabel, J.R. 2013. Optimization of hexadecylpyridinium chloride decontamination for culture of *Mycobacterium avium* subsp. paratuberculosis from milk. *Journal of Clinical Microbiology*. 51(5):1575-1577.  
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12. Brockmeier, S.L., Loving, C.L., Mullins, M., Register, K.B., Nicholson, T.L., Wiseman, B.S., Baker, R.B., Kehrl, Jr., M.E. 2013. Virulence, transmission, and heterologous protection of four isolates of *Haemophilus parasuis*. *Clinical and Vaccine Immunology*. 20(9):1466-1472.  
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13. Buehler, J., Navi, D., Lorusso, A., Vincent, A., Lager, K., Miller, C.L. 2013. Influenza A virus PB1-F2 protein expression is regulated in a strain-specific manner by sequences located downstream of the PB1-F2 initiation codon. *Journal of Virology*. 87(19):10687-10699.  
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17. Downey, E.D., Mayes, M.S., Tait, Jr, R.G., Ridpath, J.F., Garrick, D.J., Reecy, J.M. 2013. An evaluation of circulating bovine diarrhea virus type 2 maternal antibody level and response to vaccination in Angus calves. *Journal of Animal Science*. 91:4440-4450.  
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18. Dyer, N., Register, K.B., Miskimins, D., Newell, T. 2013. Necrotic pharyngitis associated with *Mycoplasma bovis* infections in American bison (*Bison bison*). *Journal of Veterinary Diagnostic Investigation*. 25(2):301-303.  
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21. Guo, B., Lager, K.M., Henningson, J.N., Miller, L.C., Schlink, S.N., Kappes, M.A., Kehrl, Jr., M.E., Brockmeier, S.L., Nicholson, T.L., Yang, H., Faaberg, K.S. 2013. Experimental infection of United States swine with a Chinese highly pathogenic strain of porcine reproductive and respiratory syndrome virus. *Virology*. 435(2):372-384.

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22. Guo, B., Lager, K.M., Schlink, S.N., Kehrl, Jr., M.E., Brockmeier, S.L., Miller, L.C., Swensen, S.L., Faaberg, K.S. 2013. Chinese and Vietnamese strains of HP-PRRSV cause different pathogenic outcomes in United States high health swine. *Virology*. 446(1-2):238-250.  
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23. Hughes, V., Denham, S., Bannantine, J.P., Chianini, F., Kerr, K., May, L., Mcluckie, J., Nath, M., Stevenson, K. 2013. Interferon gamma responses to proteome-determined specific recombinant proteins: Potential as diagnostic markers for ovine Johne's disease. *Veterinary Immunology and Immunopathology*. 155(3):197-204.  
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25. Jiang, Z., Zhou, X., Michal, J.J., Wu, X.-L., Zhang, L., Zhang, M., Ding, B., Liu, B., Manoranjan, V.S., Neill, J.D., Harhay, G.P., Kehrl, Jr., M.E., Miller, L.C. 2013. Reactomes of porcine alveolar macrophages infected with porcine reproductive and respiratory syndrome virus. *PLoS One*. 8(3):e59229.  
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26. Johnson, T.J., Abrahante, J.E., Hunter, S.S., Hauglund, M.J., Tatum, F.M., Maheswaran, S.K., Briggs, R.E. 2013. Comparative genome analysis of an avirulent and two virulent strains of avian *Pasteurella multocida* reveals candidate genes involved in fitness and pathogenicity. *Biomed Central (BMC) Genomics*. 13:106.  
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