

**Edinburgh Infectious Diseases publications in 2013**

1. Adams, Y., and J. A. Rowe. 2013. The Effect of Anti-Rosetting Agents against Malaria Parasites under Physiological Flow Conditions. *PLoS One* 8:e73999.
2. Ajitkumar, P., H. W. Barkema, R. N. Zadoks, D. W. Morck, F. J. van der Meer, and J. De Buck. 2013. Highresolution melt analysis for species identification of coagulase-negative staphylococci derived from bovine milk. *Diagn Microbiol Infect Dis* 75:227-234.
3. Akram, A. R., J. D. Chalmers, J. K. Taylor, J. Rutherford, A. Singanayagam, and A. T. Hill. 2013. An evaluation of clinical stability criteria to predict hospital course in community-acquired pneumonia. *Clin Microbiol Infect* 19:1174-1180.
4. Al-Hassan, L., H. El Mehallawy, and S. G. Amyes. 2013. Diversity in *Acinetobacter baumannii* isolates from paediatric cancer patients in Egypt. *Clin Microbiol Infect* 19:1082-1088.
5. Al-Hassan, L., H. E. Mahallawy, and S. G. Amyes. 2013. First report of bla(PER-3) in *Acinetobacter baumannii*. *Int J Antimicrob Agents* 41:93-94.
6. Al-Shukri, I., E. Davidson, A. Tan, D. B. Smith, L. Wellington, I. Johannessen, and S. Ramalingam. 2013. Rash and arthralgia caused by hepatitis E. *Lancet* 382:1856.
7. Allmann, S., P. Morand, C. Ebikeme, L. Gales, M. Biran, J. Hubert, A. Brennand, M. Mazet, J. M. Franconi, P. A. Michels, J. C. Portais, M. Boshart, and F. Bringaud. 2013. Cytosolic NADPH homeostasis in glucose-starved procyclic *Trypanosoma brucei* relies on malic enzyme and the pentose phosphate pathway fed by gluconeogenic flux. *J Biol Chem* 288:18494-18505.
8. Alsultan, A. A., B. A. Evans, E. A. Elsayed, S. I. Al-Thawadi, A. Y. Al-Taher, S. G. Amyes, A. M. Al-Dughaym, and A. Hamouda. 2013. High frequency of carbapenem-resistant *Acinetobacter baumannii* in patients with diabetes mellitus in Saudi Arabia. *J Med Microbiol* 62:885-888.
9. Alton, E. W., A. Baker, E. Baker, A. C. Boyd, S. H. Cheng, R. L. Coles, D. D. Collie, H. Davidson, J. C. Davies, D. R. Gill, C. Gordon, U. Griesenbach, T. Higgins, S. C. Hyde, J. A. Innes, D. McCormick, M. McGovern, G. McLachlan, D. J. Porteous, I. Pringle, R. K. Scheule, D. J. Shaw, S. Smith, S. G. Sumner-Jones, P. Tennant, and C. Vrettou. 2013. The safety profile of a cationic lipid-mediated cystic fibrosis gene transfer agent following repeated monthly aerosol administration to sheep. *Biomaterials* 34:10267-10277.
10. Amorim, M. J., R. Kao, and P. Digard. 2013. Nucleozin targets cytoplasmic trafficking of vRNP-Rab11 complexes in influenza A virus infection. *J Virol*.
11. Amorim, M. J., R. Y. Kao, and P. Digard. 2013. Nucleozin targets cytoplasmic trafficking of viral ribonucleoprotein-Rab11 complexes in influenza A virus infection. *J Virol* 87:4694-4703.
12. Andersen, J. P., L. R. Norup, T. S. Dalgaard, L. Rothwell, P. Kaiser, A. Permin, T. W. Schou, D. R. Fink, G. Jungersen, P. Sorensen, and H. R. Juul-Madsen. 2013. No protection in chickens immunized by the oral or intra-muscular immunization route with *Ascaridia galli* soluble antigen. *Avian Pathol* 42:276-282.
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14. Appleby, L. J., N. Nausch, N. Midzi, T. Mduluzi, J. E. Allen, and F. Mutapi. 2013. Sources of heterogeneity in human monocyte subsets. *Immunol Lett* 152:32-41.
15. Arman, M., Y. Adams, G. Lindergard, and J. A. Rowe. 2013. A Method for Positive and Negative Selection of *Plasmodium falciparum* Platelet-Mediated Clumping Parasites and Investigation of the Role of CD36. *PLoS One* 8:e55453.
16. Arnison, P. G., M. J. Bibb, G. Bierbaum, A. A. Bowers, T. S. Bugni, G. Bulaj, J. A. Camarero, D. J. Campopiano, G. L. Challis, J. Clardy, P. D. Cotter, D. J. Craik, M. Dawson, E. Dittmann, S. Donadio, P. C. Dorrestein, K. D. Entian, M. A. Fischbach, J. S. Garavelli, U. Goransson, C. W. Gruber, D. H. Haft, T. K. Hemscheidt, C. Hertweck, C. Hill, A. R. Horswill, M. Jaspars, W. L. Kelly, J. P. Klinman, O. P. Kuipers, A. J. Link, W. Liu, M. A. Marahiel, D. A. Mitchell, G. N. Moll, B. S. Moore, R. Muller, S. K. Nair, I. F. Nes, G. E. Norris, B. M. Olivera, H. Onaka, M. L.

- Patchett, J. Piel, M. J. Reaney, S. Rebuffat, R. P. Ross, H. G. Sahl, E. W. Schmidt, M. E. Selsted, K. Severinov, B. Shen, K. Sivonen, L. Smith, T. Stein, R. D. Sussmuth, J. R. Tagg, G. L. Tang, A. W. Truman, J. C. Vederas, C. T. Walsh, J. D. Walton, S. C. Wenzel, J. M. Willey, and W. A. van der Donk. 2013. Ribosomally synthesized and post-translationally modified peptide natural products: overview and recommendations for a universal nomenclature. *Nat Prod Rep* 30:108-160.
17. Arnold, M. F., A. F. Haag, S. Capewell, H. I. Boshoff, E. K. James, R. McDonald, I. Mair, A. M. Mitchell, B. Kerscher, T. J. Mitchell, P. Mergaert, C. E. Barry, 3rd, M. Scocchi, M. Zanda, D. J. Campopiano, and G. P. Ferguson. 2013. Partial complementation of *Sinorhizobium meliloti* bacA mutant phenotypes by the *Mycobacterium tuberculosis* BacA protein. *J Bacteriol* 195:389-398.
18. Atkins, K. E., A. F. Read, N. J. Savill, K. G. Renz, A. F. Islam, S. W. Walkden-Brown, and M. E. Woolhouse. 2013. Vaccination and reduced cohort duration can drive virulence evolution: marek's disease virus and industrialized agriculture. *Evolution* 67:851-860.
19. Atkins, K. E., A. F. Read, S. W. Walkden-Brown, N. J. Savill, and M. E. Woolhouse. 2013. The effectiveness of mass vaccination on Marek's disease virus (MDV) outbreaks and detection within a broiler barn: A modeling study. *Epidemics* 5:208-217.
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23. Banos, G., E. Wall, M. P. Coffey, A. Bagnall, S. Gillespie, G. C. Russell, and T. N. McNeilly. 2013. Identification of immune traits correlated with dairy cow health, reproduction and productivity. *PLoS One* 8:e65766.
24. Bardosh, K., C. Waiswa, and S. C. Welburn. 2013. Conflict of interest: use of pyrethroids and amidines against tsetse and ticks in zoonotic sleeping sickness endemic areas of Uganda. *Parasit Vectors* 6:204.
25. Barkema, H. W., S. De Vliegher, S. Piepers, and R. N. Zadoks. 2013. Herd level approach to high bulk milk somatic cell count problems in dairy cattle. *Vet Q* 33:82-93.
26. Barlow, J. W., R. N. Zadoks, and Y. H. Schukken. 2013. Effect of lactation therapy on *Staphylococcus aureus* transmission dynamics in two commercial dairy herds. *BMC Vet Res* 9:28.
27. Barr, L. C., M. Brittan, A. Conway Morris, D. F. McAuley, C. McCormack, A. M. Fletcher, H. Richardson, M. Connell, D. Patel, W. A. Wallace, A. G. Rossi, D. J. Davidson, L. Manson, M. Turner, N. Hirani, T. S. Walsh, N. H. Anderson, K. Dhaliwal, and A. J. Simpson. 2013. An RCT of Peripheral Blood Mononuclear Cell Depletion in Experimental Human Lung Inflammation. *Am J Respir Crit Care Med*.
28. Barr, L. C., M. Brittan, A. C. Morris, D. F. McAuley, C. McCormack, A. M. Fletcher, H. Richardson, M. Connell, D. Patel, W. A. Wallace, A. G. Rossi, D. J. Davidson, L. Manson, M. Turner, N. Hirani, T. S. Walsh, N. H. Anderson, K. Dhaliwal, and A. J. Simpson. 2013. A randomized controlled trial of peripheral blood mononuclear cell depletion in experimental human lung inflammation. *Am J Respir Crit Care Med* 188:449455.
29. Barros-Alvarez, X., M. Gualdron-Lopez, H. Acosta, A. J. Caceres, M. A. Graminha, P. A. Michels, J. L. Concepcion, and W. Quinones. 2013. Glycosomal Targets for Anti-Trypanosomatid Drug Discovery. *Curr Med Chem*.
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31. Bartley, P. M., S. E. Wright, I. A. Zimmer, S. Roy, A. C. Kitchener, A. Meredith, E. A. Innes, and F. Katzer. 2013. Detection of *Neospora caninum* in wild carnivores in Great Britain. *Vet Parasitol* 192:279-283.
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33. Beattie, A. E., D. J. Clarke, J. M. Wadsworth, J. Lowther, H. L. Sin, and D. J. Campopiano. 2013. Reconstitution of the pyridoxal 5'-phosphate (PLP) dependent enzyme serine palmitoyltransferase (SPT) with pyridoxal reveals a crucial role for the phosphate during catalysis. *Chem Commun (Camb)* 49:7058-7060.
34. Beattie, A. E., S. D. Gupta, L. Frankova, A. Kazlauskaitė, J. M. Harmon, T. M. Dunn, and D. J. Campopiano.

2013. The Pyridoxal 5'-Phosphate (PLP)-Dependent Enzyme Serine Palmitoyltransferase (SPT): Effects of the Small Subunits and Insights from Bacterial Mimics of Human hLCB2a HSN1 Mutations. *Biomed Res Int* 2013:194371.
35. Behrendt, J. M., D. Nagel, E. Chundoo, L. M. Alexander, D. Dupin, A. V. Hine, M. Bradley, and A. J. Sutherland. 2013. Synthesis and characterization of dual-functionalized core-shell fluorescent microspheres for bioconjugation and cellular delivery. *PLoS One* 8:e50713.
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39. Berepiki, A., and N. D. Read. 2013. Septins Are Important for Cell Polarity, Septation and Asexual Spore Formation in *Neurospora crassa* and Show Different Patterns of Localisation at Germ Tube Tips. *PLoS One* 8:e63843.
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41. Bergmann, S., M. Rohde, K. Schughart, and A. Lengeling. 2013. The bioluminescent *Listeria monocytogenes* strain Xen32 is defective in flagella expression and highly attenuated in orally infected BALB/cJ mice. *Gut Pathog* 5:19.
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