

**Edinburgh Infectious Diseases publications in 2012**

1. Abuzaid, A., Hamouda, A., and Amyes, S.G. (2012). *Klebsiella pneumoniae* susceptibility to biocides and its association with *cepA*, *qacDeltaE* and *qacE* efflux pump genes and antibiotic resistance. *J Hosp Infect* 81, 87-91.
2. Ajitkumar, P., Barkema, H.W., Zadoks, R.N., Morck, D.W., van der Meer, F.J., and De Buck, J. (2012). High-resolution melt analysis for species identification of coagulase-negative staphylococci derived from bovine milk. *Diagn Microbiol Infect Dis*.
3. Akman, O.E., Watterson, S., Parton, A., Binns, N., Millar, A.J., and Ghazal, P. (2012). Digital clocks: simple Boolean models can quantitatively describe circadian systems. *J R Soc Interface* 9, 2365-2382.
4. Al-Hassan, L., Mahallawy, H.E., and Amyes, S.G. (2012). First report of *bla*(PER-3) in *Acinetobacter baumannii*. *Int J Antimicrob Agents*.
5. Alafuzoff, I., Gelpi, E., Al-Sarraj, S., Arzberger, T., Attems, J., Bodi, I., Bogdanovic, N., Budka, H., Bugiani, O., Englund, E., et al. (2012). The need to unify neuropathological assessments of vascular alterations in the ageing brain: multicentre survey by the BrainNet Europe consortium. *Exp Gerontol* 47, 825-833.
6. Alber, A., Howie, S.E., Wallace, W.A., and Hirani, N. (2012). The role of macrophages in healing the wounded lung. *Int J Exp Pathol* 93, 243-251.
7. Alcalde-Cabero, E., Almazan-Isla, J., Brandel, J.P., Breithaupt, M., Catarino, J., Collins, S., Hayback, J., Hoftberger, R., Kahana, E., Kovacs, G.G., et al. (2012). Health professions and risk of sporadic Creutzfeldt-Jakob disease, 1965 to 2010. *Euro Surveill* 17.
8. Allberry, C., and Fernando, I. (2012). An audit of chaperone use for intimate examinations in an integrated sexual health clinic. *Int J STD AIDS* 23, 593-594.
9. Allicock, O.M., Lemey, P., Tatem, A.J., Pybus, O.G., Bennett, S.N., Mueller, B.A., Suchard, M.A., Foster, J.E., Rambaut, A., and Carrington, C.V. (2012). Phylogeography and population dynamics of dengue viruses in the Americas. *Mol Biol Evol* 29, 1533-1543.
10. Anderson, R.C., Krueger, N.A., Genovese, K.J., Stanton, T.B., Mackinnon, K.M., Harvey, R.B., Edrington, T.S., Callaway, T.R., and Nisbet, A.J. (2012). Effect of thymol or diphenyliodonium chloride on performance, gut fermentation characteristics, and campylobacter colonization in growing swine. *J Food Prot* 75, 758-761.
11. Appleby, L.J., Nausch, N., Bourke, C.D., Rujeni, N., Midzi, N., Mduluzi, T., Allen, J.E., and Mutapi, F. (2012). Chitinase 3-Like 1 Protein Levels Are Elevated in *Schistosoma haematobium* Infected Children. *PLoS Negl Trop Dis* 6, e1898.
12. Archer, J., Baillie, G., Watson, S.J., Kellam, P., Rambaut, A., and Robertson, D.L. (2012). Analysis of high-depth sequence data for studying viral diversity: a comparison of next generation sequencing platforms using Segminator II. *BMC Bioinformatics* 13, 47.
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14. Armstrong, H., and Fernando, I. (2012). An audit of partner notification for syphilis and HIV. *Int J STD AIDS* 23, 825-826.
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16. Arnold, M.F., Haag, A.F., Capewell, S., Boshoff, H.I., James, E.K., McDonald, R., Mair, I., Mitchell, A.M., Kerscher, B., Mitchell, T.J., et al. (2012). Partial complementation of *Sinorhizobium meliloti* *bacA* mutant phenotypes by the *Mycobacterium tuberculosis* *BacA* protein. *J Bacteriol*.
17. Artis, D., Maizels, R.M., and Finkelman, F.D. (2012). Forum: Immunology: Allergy challenged. *Nature* 484, 458-459.
18. Auld, S.K., Edel, K.H., and Little, T.J. (2012). The cellular immune response of *Daphnia magna* under host-parasite genetic variation and variation in initial dose. *Evolution* 66, 3287-3293.
19. Auty, H.K., Picozzi, K., Malele, I., Torr, S.J., Cleaveland, S., and Welburn, S. (2012). Using molecular data for epidemiological inference: assessing the prevalence of *Trypanosoma brucei rhodesiense* in tsetse in Serengeti, Tanzania. *PLoS Negl Trop Dis* 6, e1501.

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22. Babayan, S.A., Allen, J.E., and Taylor, D.W. (2012). Future prospects and challenges of vaccines against filariasis. *Parasite Immunol* 34, 243-253.
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24. Babayan, S.A., and Schneider, D.S. (2012). Immunity in society: diverse solutions to common problems. *PLoS Biol* 10, e1001297.
25. Baele, G., Lemey, P., Bedford, T., Rambaut, A., Suchard, M.A., and Alekseyenko, A.V. (2012). Improving the accuracy of demographic and molecular clock model comparison while accommodating phylogenetic uncertainty. *Mol Biol Evol* 29, 2157-2167.
26. Baillie, G.J., Galiano, M., Agapow, P.M., Myers, R., Chiam, R., Gall, A., Palser, A.L., Watson, S.J., Hedge, J., Underwood, A., et al. (2012). Evolutionary dynamics of local pandemic H1N1/2009 influenza virus lineages revealed by whole-genome analysis. *J Virol* 86, 11-18.
27. Baker, R.H., Britton, C., Roberts, B., Loer, C.M., Matthews, J.B., and Nisbet, A.J. (2012). Melanisation of *Teladorsagia circumcincta* larvae exposed to sunlight: a role for GTP-cyclohydrolase in nematode survival. *Int J Parasitol* 42, 887-891.
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31. Barr, T., and Gray, D. (2012). T(FH) memory: More or less T(FH) ? *Eur J Immunol* 42, 1977-1980.
32. Barr, T.A., Shen, P., Brown, S., Lampropoulou, V., Roch, T., Lawrie, S., Fan, B., O'Connor, R.A., Anderton, S.M., Bar-Or, A., et al. (2012). B cell depletion therapy ameliorates autoimmune disease through ablation of IL-6-producing B cells. *J Exp Med* 209, 1001-1010.
33. Bartley, D.J., McArthur, C.L., Devin, L.M., Sutra, J.F., Morrison, A.A., Lespine, A., and Matthews, J.B. (2012). Characterisation of macrocyclic lactone resistance in two field-derived isolates of *Cooperia oncophora*. *Vet Parasitol* 190, 454-460.
34. Bartley, K., Huntley, J.F., Wright, H.W., Nath, M., and Nisbet, A.J. (2012). Assessment of cathepsin D and L-like proteinases of poultry red mite, *Dermanyssus gallinae* (De Geer), as potential vaccine antigens. *Parasitology* 139, 755-765.
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36. Bartley, P.M., Wright, S.E., Zimmer, I.A., Roy, S., Kitchener, A.C., Meredith, A., Innes, E.A., and Katzer, F. (2012). Detection of *Neospora caninum* in wild carnivores in Great Britain. *Vet Parasitol*.
37. Baxter, S., Royer, S., Grogan, G., Brown, F., Holt-Tiffin, K.E., Taylor, I.N., Fotheringham, I.G., and Campopiano, D.J. (2012). An improved racemase/acylase biotransformation for the preparation of enantiomerically pure amino acids. *J Am Chem Soc* 134, 19310-19313.
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40. Ben Zakour, N.L., Beatson, S.A., van den Broek, A.H., Thoday, K.L., and Fitzgerald, J.R. (2012). Comparative Genomics of the *Staphylococcus intermedius* Group of Animal Pathogens. *Front Cell Infect Microbiol* 2, 44.

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46. Bishop, S.C., Doeschl-Wilson, A.B., and Woolliams, J.A. (2012). Uses and implications of field disease data for livestock genomic and genetics studies. *Front Genet* 3, 114.
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52. Boschiero, C., Jorge, E.C., Ninov, K., Nones, K., do Rosario, M.F., Coutinho, L.L., Ledur, M.C., Burt, D.W., and Moura, A.S. (2012). Association of IGF1 and KDM5A polymorphisms with performance, fatness and carcass traits in chickens. *J Appl Genet*.
53. Bourke, C.D., Mutapi, F., Nausch, N., Photiou, D.M., Poulsen, L.K., Kristensen, B., Arned, J., Ronborg, S., Roepstorff, A., Thamsborg, S., et al. (2012). *Trichuris suis* ova therapy for allergic rhinitis does not affect allergen-specific cytokine responses despite a parasite-specific cytokine response. *Clin Exp Allergy* 42, 1582-1595.
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