

# First View Articles

The following papers have recently been published online ahead of print in *Epidemiology and Infection*. To read the abstracts, and access the full text of these papers, please visit [journals.cambridge.org/HYGFirstView](http://journals.cambridge.org/HYGFirstView)

**Title:** Excess morbidity in the hepatitis C-diagnosed population in Scotland, 1991–2006

**Authors:** S. A. McDonald, S. J. Hutchinson, S. M. Bird, P. R. Mills, P. Hayes, J. F. Dillon and D. J. Goldberg

**doi:** 10.1017/S0950268810001421

**Title:** An outbreak of hepatitis A affecting a nursery school and a primary school

**Authors:** N. McFarland, M. Dryden, M. Ramsay, R. S. Tedder and S. L. Ngui

**doi:** 10.1017/S0950268810001433

**Title:** Putative household outbreaks of campylobacteriosis typically comprise single MLST genotypes

**Authors:** O. Rotariu, A. Smith-Palmer, J. Cowden, P. R. Bessell, G. T. Innocent, S. W. J. Reid, L. Matthews, J. Dallas, I. D. Ogden, K. J. Forbes and N. J. C. Strachan

**doi:** 10.1017/S0950268810001457

**Title:** Are we hitting immunity targets? The 2006 age-specific seroprevalence of measles, mumps, rubella, diphtheria and tetanus in Belgium

**Author:** H. Theeten, V. Hutse, N. Hens, Y. Yavuz, K. Hoppenbrouwers, P. Beutels, R. Vranckx and P. van Damme

**doi:** 10.1017/S0950268810001536

**Title:** Risk factors for ceftiofur resistance in *Escherichia coli* from Belgian broilers

**Authors:** D. Persoons, F. Haesebrouck, A. Smet, L. Herman, M. Heyndrickx, A. Martel, B. Catry, A. C. Berge, P. Butaye and J. Dewulf

**doi:** 10.1017/S0950268810001524

**Title:** Effect on seroprevalence of anti-poliovirus antibodies and on vaccination coverage of the implementation of a DTwP-IPV-Hib vaccination programme in a South American city

**Authors:** S. V. Nates, M. Frias, S. Belfiore, M. B. Isa, L. C. Martinez, R. Chuit, J. Armoni and C. Luxemburger

**doi:** 10.1017/S0950268810001512

**Title:** Giardiasis outbreak at a camp after installation of a slow-sand filtration water-treatment system

**Authors:** A. E. Karon, K. D. Hanni, J. C. Mohle-Boetani, R. A. Beretti, V. R. Hill, M. Arrowood, S. P. Johnston, L. Xiao and D. J. Vugia

**doi:** 10.1017/S0950268810001573

**Title:** Using the internet for rapid investigation of an outbreak of diarrhoeal illness in mountain bikers

**Authors:** S. L. Griffiths, R. L. Salmon, B. W. Mason, C. Elliott, D. Rh. Thomas and C. Davies

**doi:** 10.1017/S0950268810001561

**Title:** Microbiological and molecular characterization of nosocomial and community *Staphylococcus aureus* isolates

**Authors:** F. Scazzocchio, L. Aquilanti, C. Tabacchini, V. Iebba and C. Passariello

**doi:** 10.1017/S095026881000138X

**Title:** Non-suppurative cellulitis: risk factors and its association with *Staphylococcus aureus* colonization in an area of endemic community-associated methicillin-resistant *S. aureus* infections

**Authors:** S. J. Eells, S. Chira, C. G. David, N. Craft and L. G. Miller

**doi:** 10.1017/S0950268810001408

**Title:** A school outbreak of pandemic (H1N1) 2009 infection: assessment of secondary household transmission and the protective role of oseltamivir

**Authors:** Y. H. Leung, M. P. Li and S. K. Chuang

**doi:** 10.1017/S0950268810001445

**Title:** Low secondary transmission of 2009 pandemic influenza A (H1N1) in households following an outbreak at a summer camp: relationship to timing of exposure

**Authors:** T. J. Doyle and R. S. Hopkins

**doi:** 10.1017/S095026881000141X

**Title:** Genetic evidence for domestic raccoon dog rabies caused by Arctic-like rabies virus in Inner Mongolia, China

**Authors:** X. Q. Shao, X. J. Yan, G. L. Luo, H. L. Zhang, X. L. Chai, F. X. Wang, J. K. Wang, J. J. Zhao, W. Wu, S. P. Cheng, F. H. Yang, X. C. Qin and Y. Z. Zhang

**doi:** 10.1017/S0950268810001263

**Title:** Screening for Chagas' disease in HIV-positive immigrants from endemic areas

**Authors:** A. Rodríguez-Guardado, V. Asensi Alvarez, M. Rodríguez Perez, P. Mejuto Alvarez, M. Flores-Chavez, P. Alonso González and J. A. Cartón Sánchez

**doi:** 10.1017/S0950268810001305

**Title:** Reproductive ratio for the local spread of highly pathogenic avian influenza in wild bird populations of Europe, 2005–2008

**Authors:** I. Iglesias, A. M. Perez, J. M. Sánchez-Vizcaíno, M. J. Muñoz, M. Martínez and A. de la Torre

**doi:** 10.1017/S0950268810001330

**Title:** Model predictions and evaluation of possible control strategies for the 2009 A/H1N1v influenza pandemic in Italy

**Authors:** M. Ajelli, S. Merler, A. Pugliese and C. Rizzo

**doi:** 10.1017/S0950268810001317

**Title:** Molecular epidemiology of hepatitis E virus in humans, pigs and wild boars in Sweden

**Authors:** F. Widén, L. Sundqvist, A. Matyi-Toth, G. Metreveli, S. Belák, G. Hallgren and H. Norder

**doi:** 10.1017/S0950268810001342

**Title:** Community perceptions of bloody diarrhoea in an urban slum in South Asia: implications for introduction of a *Shigella* vaccine

**Authors:** W. Arvelo, L. S. Blum, N. Nahar, L. von Seidlein, L. Nahar, R. P. Pack, A. W. Brooks, A. Pach, R. F. Breiman, S. P. Luby and P. K. Ram

**doi:** 10.1017/S0950268810001391

# EPIDEMIOLOGY & INFECTION

## CONTENTS

### REVIEW ARTICLE

- Diarrhoea morbidity and mortality in older children, adolescents, and adults**  
C. L. Fischer Walker & R. E. Black 1215

### ORIGINAL PAPERS

- Gastroenteritis in children*  
**Mixed viral infections causing acute gastroenteritis in children in a waterborne outbreak**  
S. Räsänen, S. Lappalainen, S. Kaikkonen, M. Hämäläinen, M. Salminen & T. Vesikari 1227

- Incidence of hospitalization due to community-acquired rotavirus infection: a 12-year study (1996–2008)**  
G. Cilla, M. Gomariz, M. Montes, M. I. Mendiburu, E. G. Pérez-Yarza & E. Pérez-Trallero 1235

#### *Pigs, boars and bears*

- Comparing the demonstration of freedom from *Trichinella* infection of domestic pigs by traditional and risk-based surveillance**  
M. E. Schuppers, C. F. Frey, B. Gottstein, K. D. C. Stärk, U. Kihm & G. Regula 1242

- Trichinella* infection in a hunting community in East Greenland**  
L. N. Møller, A. Koch, E. Petersen, T. Hjuler, C. M. O. Kapel, A. Andersen & M. Melbye 1252

- Seroprevalence and factors associated with *Toxoplasma gondii* infection in wild boar (*Sus scrofa*) in a Mediterranean island**  
C. Richomme, E. Afonso, V. Tolon, C. Ducrot, L. Halos, A. Alliot, C. Perret, M. Thomas, P. Boireau & E. Gilot-Fromont 1257

#### *Respiratory infection*

- Chlamydia pneumoniae* infection is associated with elevated body mass index in young men**  
A. Rantala, T. Lajunen, R. Juvonen, A. Bloigu, M. Paldanius, S. Silvennoinen-Kassinen, A. Peitso, O. Vainio, M. Leinonen & P. Saikku 1267

- Serosurveillance study on transmission of H5N1 virus during a 2006 avian influenza epidemic**  
M. Ceyhan, I. Yildirim, O. Ferraris, M. Bouscambert-Duchamp, E. Frobert, N. Uyar, H. Tezer, A. F. Oner, T. Buzgan, M. A. Torunoglu, B. Ozkan, R. Yilmaz, M. G. Kurtoglu, Y. Laleli, S. Badur & B. Lina 1274

- An assessment of the effect of statin use on the incidence of acute respiratory infections in England during winters 1998–1999 to 2005–2006**  
D. M. Fleming, N. Q. Verlander, A. J. Elliot, H. Zhao, D. Gelb, D. Jehring & J. S. Nguyen-Van-Tam 1281

### *For Debate*

- Short Report: *Schistosoma japonicum* infection and rectal carcinoid tumour: underreported coincidence or neglected association?**  
P. Zanger, W. Habscheid, P. G. Kremsner & H. H. Dahm 1289

### *Viruses*

- Risk factors for Japanese encephalitis: a case-control study**  
W. Liu, R. V. Gibbons, K. Kari, J. D. Clemens, A. Nisalak, F. Marks & Z. Y. Xu 1292

- Heterogeneity and penetration of HIV-1 non-subtype B viruses in an Italian province: public health implications**  
C. Torti, G. Lapadula, I. Izzo, G. Brindicci, G. Labbate, E. Quiros-Roldan, I. Diallo, F. Gargiulo, F. Castelnuovo, A. Calabresi, G. Carosi, N. Manca & L. Monno 1298

- Measles hotspots and epidemiological connectivity**  
N. Bharti, A. Djibo, M. J. Ferrari, R. F. Grais, A. J. Tatem, C. A. McCabe, O. N. Bjornstad & B. T. Grenfell 1308

- Short Report: Declining HCV seroprevalence in pregnant women with HIV**  
M. Florida, E. Tamburrini, G. Anzidei, C. Tibaldi, M. L. Muggiasca, G. Guaraldi, M. Fisco, A. Vimercati, P. Martinelli, A. Donisi, S. Dalzero & M. Ravizza 1317

### *Hospital-acquired infections*

- Healthcare costs of *Staphylococcus aureus* and *Clostridium difficile* infections in Veterans: role of vitamin D deficiency**  
D. Youssef, B. Bailey, A. El Abbassi, R. Copeland, L. Adebonojo, T. Manning & A. N. Peiris 1322

- Epidemiology of nosocomial candidaemia in a university hospital: a 12-year study**  
E. Gürçüoğlu, B. Ener, H. Akalin, M. Sinirtaş, C. Evci, S. Akçağlar, E. Yılmaz & Y. Heper 1328

### *Other infections*

- Space-time patterns of *Campylobacter* spp. colonization in broiler flocks, 2002–2006**  
M. E. Jonsson, M. Norström, M. Sandberg, A. K. Ersbøll & M. Hofshagen 1336

- Spatial analysis of melioidosis distribution in a suburban area**  
M. L. Corkeron, R. Norton & P. N. Nelson 1346

- Risk factor analysis for pneumococcal meningitis in adults with invasive pneumococcal infection**  
I. Burckhardt, F. Burckhardt, M. van der Linden, C. Heeg & R. R. Reinert 1353