

# Advertising Opportunities

To advertise in this journal and for details of pricing, availability and discount opportunities please contact:

## **Advertising in UK, Europe and rest of world**

The Advertising Sales Team

Cambridge University Press

The Edinburgh Building,  
Shaftesbury Road,

Cambridge, UK, CB2 8RU

Tel: +44 (0)1223 325083

Email: [ad\\_sales@cambridge.org](mailto:ad_sales@cambridge.org)

## **Advertising in USA, Mexico and Canada**

Journals Advertising Coordinator

32 Avenue of the Americas,  
New York,

NY 10013-2473, USA

Tel: +1 (212) 337 5053 Fax: +1 (212) 337 5959

E-mail: [journals\\_advertising@cambridge.org](mailto:journals_advertising@cambridge.org)



# 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/HYGforthcoming](https://journals.cambridge.org/HYGforthcoming)

**Title:** Risk factors for sanitary condemnation in broiler chickens and their relative impact: application of an original multiblock approach

**Authors:** C. Lupo, S. Bougeard, L. Balaine, V. Michel, I. Petetin, P. Colin, S. LeBouquin and C. Chauvin

**doi:** 10.1017/S0950268809990549

**Title:** Sensitivity of environmental sampling methods for detecting *Salmonella* Enteritidis in commercial laying flocks relative to the within-flock prevalence

**Authors:** M. E. Arnold, J. J. Carrique-Mas and R. H. Davies  
**doi:** 10.1017/S0950268809990598

**Title:** Seroepidemiology of human herpesvirus 8 (HHV-8) infection in injecting drug users

**Authors:** A. Zavitsanou, M. Malliori, V. Sypsa, M. Petrodaskalaki, M. Psichogiou, C. Rokka, A. Giannopoulos, V. Kalapothaki, D. Whithy and A. Hatzakis  
**doi:** 10.1017/S0950268809990628

**Title:** Using syndromic surveillance systems to detect pneumonic plague

**Authors:** S. M. Babin  
**doi:** 10.1017/S0950268809990689

**Title:** Influenza epidemiology and characterization of influenza viruses in patients seeking treatment for acute fever in Cambodia  
**Authors:** P. J. Blair, T. F. Wierzba, S. Touch, S. Vonthanak, X. Xu, R. J. Garten, M. A. Okomo-Adhiambo, A. I. Klimov, M. R. Kasper and S. D. Putnam  
**doi:** 10.1017/S095026880999063X

**Title:** The impact of sheep breed on the risk of classical scrapie  
**Authors:** K. M. McIntyre, H. Trewby, S. Gubbins and M. Baylis  
**doi:** 10.1017/S0950268809990537

**Title:** El Tor cholera with severe disease: a new threat to Asia and beyond

**Authors:** A. K. Siddique, G. B. Nair, M. Alam, D. A. Sack, A. Huq, A. Nizam, I. M. Longini, F. Qadri, S. M. Faruque, R. R. Colwell, S. Ahmed, A. Iqbal, N. A. Bhuiyan and R. B. Sack  
**doi:** 10.1017/S0950268809990550

**Title:** Measles outbreak linked to a minority group in Austria, 2008

**Authors:** D. Schmid, H. Holzmann, K. Schwarz, S. Kasper, H.-W. Kuo, S. W. Aberle, M. Redlberger-Fritz, W. Hautmann, S. Santibanez, A. Mankertz, C. König, E. Magnet, S. Reichart, S. Meusburger, A. Luckner-Hornischer, A. de Martin, E. Bechter, J. Stirling and F. Allerberger  
**doi:** 10.1017/S0950268809990604

**Title:** Effects of weather variability on infectious gastroenteritis  
**Authors:** D. Onozuka, M. Hashizume and A. Hagihara  
**doi:** 10.1017/S0950268809990574

**Title:** The role of birds in dissemination of *Francisella tularensis*: first direct molecular evidence for bird-to-human transmission

**Authors:** P. I. Padeshki, I. N. Ivanov, B. Popov and T. V. Kantardjieva  
**doi:** 10.1017/S0950268809990513

**Title:** Flock management and histomoniasis in free-range turkeys in France: description and search for potential risk factors

**Authors:** M. P. Callait-Cardinal, E. Gilot-Fromont, L. Chossat, A. Gonthier, C. Chauve and L. Zenner  
**doi:** 10.1017/S0950268809990562

**Title:** Recall errors in a weekly survey of diarrhoea in Guatemala: determining the optimal length of recall

**Authors:** S. N. Zafar, S. P. Luby and C. Mendoza  
**doi:** 10.1017/S0950268809990422

**Title:** *Salmonella enterica* serotypes and antibiotic susceptibility in New Zealand, 2002–2007

**Authors:** E. I. Broughton, H. M. Heffernan and C. L. Coles  
**doi:** 10.1017/S0950268809990458

**Title:** Estimating the extent of spatial association of *Mycobacterium bovis* infection in badgers in Ireland

**Authors:** G. E. Kelly, G. E. McGrath and S. J. More  
**doi:** 10.1017/S0950268809990471

**Title:** Geographical heterogeneity of dengue transmission in two villages in southern Vietnam

**Authors:** K. T. D. Thai, N. Nagelkerke, H. L. Phuong, T. T. T. Nga, P. T. Giao, L. Q. Hung, T. Q. Binh, N. V. Nam and P. J. de Vries  
**doi:** 10.1017/S095026880999046X

**Title:** Human *Brucella canis* outbreak linked to infection in dogs

**Authors:** N. E. Lucero, R. Corazza, M. N. Almuzara, E. Reynes, G. I. Escobar, E. Boeri and S. M. Ayala  
**doi:** 10.1017/S0950268809990525

**Title:** A hypothesis for the 2007 dengue outbreak in Singapore

**Authors:** E. Massad, F. A. B. Coutinho, S. Ma and M. N. Burattini  
**doi:** 10.1017/S0950268809990501

**Title:** Lessons from Nigeria: the role of roads in the geo-temporal progression of avian influenza (H5N1) virus

**Authors:** A. L. Rivas, G. Chowell, S. J. Schwager, F. O. Fasina, A. L. Hoogesteijn, S. D. Smith, S. P. R. Bisschop, K. L. Anderson and J. M. Hyman  
**doi:** 10.1017/S0950268809990495

**Title:** *Staphylococcus aureus* is the most common identified cause of cellulitis: a systematic review

**Authors:** S. Chira and L. G. Miller  
**doi:** 10.1017/S0950268809990483

**Title:** High prevalence of HBV genotype D in Syria and the clinical characteristics of hepatitis B e antigen-negative chronic hepatitis B

**Authors:** N. Antaki, S. Haffar, S. Ali Deeb, F. Assaad, R. Abou Harb, N. Zeibane, M. Nassereddine, N. Ibrahim, N. Alhaj, E. Jabbour, R. Aaraj, F. Antaki and K. Kebbewar  
**doi:** 10.1017/S0950268809990288

# EPIDEMIOLOGY & INFECTION

## CONTENTS

### REVIEW ARTICLE

#### **Assessing the risk from emerging infections**

D. Morgan, H. Kirkbride, K. Hewitt, B. Said & A. L. Walsh 1521

### ORIGINAL PAPERS

#### *Enteric infections*

##### **The changing panorama of bacterial enteric infections**

C. Stein-Zamir, H. Shoob, N. Abramson, G. Zentner & V. Agmon 1531

##### **A re-evaluation of the impact of temperature and climate change on foodborne illness**

I. R. Lake, I. A. Gillespie, G. Bentham, G. L. Nichols, C. Lane, G. K. Adak & E. J. Threlfall 1538

##### **A prolonged outbreak of *Salmonella* Typhimurium infection related to an uncommon vehicle: hard cheese made from raw milk**

Y. T. H. P. van Duynhoven, L. D. Isken, K. Borgen, M. Besselse, K. Soethoudt, O. Haitsma, B. Mulder, D. W. Notermans, R. de Jonge, P. Kock, W. van Pelt, O. Stenvers & J. van Steenbergen, on behalf of the Outbreak Investigation Team 1548

#### *Animal and human health*

##### **Effectiveness of dog rabies vaccination programmes: comparison of owner-charged and free vaccination campaigns**

S. Durr, R. Mindekem, Y. Kananga, D. Doumagoum Moto, M. I. Meltzer, P. Vounatsou & J. Zinsstag 1558

##### **Prevalence of *Bartonella* infection in cats and dogs in a metropolitan area, Thailand**

K. Inoue, S. Maruyama, H. Kabeya, K. Kawanami, K. Yanai, S. Jitchum & S. Jittaparapong 1568

##### **Risk factors for the occurrence of *Escherichia coli* virulence genes *eae*, *stx1* and *stx2* in wild bird populations**

L. A. Hughes, M. Bennett, P. Coffey, J. Elliott, T. R. Jones, R. C. Jones, A. Lahuerta-Marín, K. McNiffe, D. Norman, N. J. Williams & J. Chantrey 1574

##### **Short Report: Detection of *Trypanosoma evansi* infection in clinically ill cattle, buffaloes and horses using various diagnostic tests**

R. Laha & N. K. Sasmal 1583

##### **High prevalence of *Leptospira* spp. in sewer rats (*Rattus norvegicus*)**

L. H. Kroghgaard, S. Villumsen, M. D. K. Markussen, J. S. Jensen, H. Leirs & A.-C. Heiberg 1586

### *Outbreaks*

#### **Outbreak of measles and rubella in refugee transit camps**

I. K. Kouadio, A. K. Koffi, H. Attoh-Toure, T. Kamigaki & H. Oshitani 1593

#### **Outbreak of wound botulism in injecting drug users**

M. Schroeter, K. Alpers, U. van Treeck, C. Frank, N. Rosenkoetter & R. Schaumann 1602

#### *Bacterial infections*

##### **Short Report: The epidemiology of necrotizing fasciitis including factors associated with death and amputation**

M. S. Dworkin, M. D. Westercamp, L. Park & A. McIntyre 1609

#### **Is driving a car a risk for Legionnaires' disease?**

R. Sakamoto, A. Ohno, T. Nakahara, K. Satomura, S. Iwanaga, Y. Kouyama, F. Kura, M. Noami, K. Kusaka, T. Funato, M. Takeda, K. Matsubayashi, K. Okumiya, N. Kato & K. Yamaguchi 1615

#### **Evaluation of Gram-positive rod surveillance for early anthrax detection**

D. Mlynarski, T. Rabatky-Ehr, S. Petit, K. Purviance, P. A. Mshar, E. M. Begier, D. G. Johnson, J. L. Hadler & the Connecticut Bioterrorism Field Epidemiology Response Team 1623

#### **Morbidity, mortality and spatial distribution of meningococcal disease, 1974–2007**

M. Howitz, L. Lambertsen, J. B. Simonsen, J. J. Christensen & K. Mølbak 1631

### *Parasites*

#### **A tale of two parasites: the comparative epidemiology of cryptosporidiosis and giardiasis**

S. J. Snel, M. G. Baker, V. Kamalesh, N. French & J. Learmonth 1641

#### **Short Report: Cryptosporidiosis from a community swimming pool: outbreak investigation and follow-up study**

T. K. Boehmer, N. B. Alden, T. S. Ghosh & R. L. Vogt 1651

#### ***Blastocystis*: unravelling potential risk factors and clinical significance of a common but neglected parasite**

C. R. Stensvold, H. C. Lewis, A. M. Hammerum, L. J. Porsbo, S. S. Nielsen, K. E. P. Olsen, M. C. Arendrup, H. V. Nielsen & K. Mølbak 1655