

# Go Mobile

CJO Mobile (CJOm) is a streamlined  
Cambridge Journals Online (CJO)  
for smartphones and other  
small mobile devices



- Use CJOm to access all journal content including *FirstView* articles which are published online ahead of print
- Access quickly and easily thanks to simplified design and low resolution images
- Register for content alerts or save searches and articles – they will be available on both CJO and CJOm
- Your device will be detected and automatically directed to CJOm via: [journals.cambridge.org](http://journals.cambridge.org)



**CAMBRIDGE**  
UNIVERSITY PRESS

# EPIDEMIOLOGY & INFECTION

## CONTENTS

### *Tuberculosis/mycobacteria*

**REVIEW ARTICLE: Review of the prevalence and drug resistance of tuberculosis in prisons: a hidden epidemic** 887

F. Biadlegne, A. C. Rodloff & U. Sack

**Tuberculosis in women from Pashtun region: an ecological study in Pakistan** 901

S. K. Shah, O. F. Dogar & K. Siddiqi

**Molecular epidemiology of tuberculosis in Cambodian children** 910

K. Schopfer, H. L. Rieder, J. F. Steinlin-Schopfer, D. van Soolingen, T. Bodmer, Y. Chantana, P. Studer, D. Laurent, M. Zwahlen & B. Riehner

**Tuberculosis in Laos, who is at risk: the mahouts or their elephants?** 922

J. Lassausaie, A. Bret, X. Bouapao, V. Chanthavong, J. Castonguay-Vanier, F. Quet, S. K. Mikota, C. Théorêt, Y. Buisson & B. Bouchard

**Investigating gender disparities in the profile and treatment outcomes of tuberculosis in Ebonyi state, Nigeria** 932

S. N. Oshi, I. Alobu, K. N. Ukwaja & D. C. Oshi

**Outbreak of primary inoculation tuberculosis in an acupuncture clinic in southeastern China** 943

J. Wang, M. Y. Zhu, C. Li, H. B. Zhang, G. B. Zuo, M. H. Wang & H. L. Teng

**Commentary: *Mycobacterium tuberculosis* and the search for the impossible truth** 949

T. F. Brewer

**Tuberculosis and the risk of infection with other intracellular bacteria: a population-based study** 951

M. A. Huaman, C. T. Fiske, T. F. Jones, J. Warkentin, B. E. Shepherd, L. A. Ingram, F. Maruri & T. R. Sterling

**Short Report: A comparison of interview methods to ascertain fluoroquinolone exposure before tuberculosis diagnosis** 960

Y. F. Van Der Heijden, F. Maruri, E. Holt, E. Mitchel, J. Warkentin & T. R. Sterling

**Tuberculosis in swine co-infected with *Mycobacterium avium* subsp. *hominissuis* and *Mycobacterium bovis* in a cluster from Argentina** 966

S. Barandiaran, A. M. Pérez, A. K. Gioffré, M. Martínez Vivot, A. A. Cataldi & M. J. Zumárraga

**Detection of *Mycobacterium avium* subspecies *paratuberculosis* in environmental samples by faecal culture and *real-time* PCR in relation to apparent within-herd prevalence as determined by individual faecal culture** 975

K. Donat, J. Kube, J. Dressel, E. Einax, M. Pfeffer & K. Failing

### *Gastrointestinal infections*

**Identification of *Helicobacter pylori* infection in symptomatic patients in Surabaya, Indonesia, using five diagnostic tests** 986

M. Miftahussurur, S. Shiota, R. Suzuki, M. Matsuda, T. Uchida, Y. Kido, F. Kawamoto, U. Maimunah, P. Adi, Y. Rezkiha, Nasronudin, I. Nusi & Y. Yamaoka

**Occurrence, genetic characterization and antimicrobial resistance of *Salmonella* isolated from chicken meat and giblets** 997

S. M. Abd-Elghany, K. I. Sallam, A. Abd-Elkhalek & T. Tamura

**Risk factors for *Escherichia coli* O157 shedding and super-shedding by dairy heifers at pasture** 1004

K. J. Williams, M. P. Ward, O. P. Dhungyel & E. J. S. Hall

**Short Report: Low detection of *Vibrio cholerae* carriage in healthcare workers returning to 12 Latin American countries from Haiti** 1016

R. Llanes, L. Somarriba, G. Hernández, Y. Bardaji, A. Aguila & R. N. Mazumder

**Risk factors for sporadic *Vibrio parahaemolyticus* gastroenteritis in east China: a matched case-control study** 1020

W. X. Yan, Y. Dai, Y. J. Zhou, H. Liu, S. G. Duan, H. H. Han & Y. Chen

**Risk factors for sporadic *Vibrio parahaemolyticus* gastroenteritis in east China: a matched case-control study – CORRIGENDUM** 1029

W. X. Yan, Y. Dai, Y. J. Zhou, H. Liu, S. G. Duan, H. H. Han & Y. Chen

**Short Report: *Cryptosporidium hominis* genotypes involved in increased incidence and clusters of cases, Navarra, Spain, 2012** 1033

I. Fuentes, C. Martín, X. Beristain, A. Mazón, J. M. Saugar, A. Blanco, M. García Cenoz, M. Valle-Cristia, C. Ezpeleta & J. Castilla

**Short Report: Investigation of a swimming pool-associated cryptosporidiosis outbreak in the Kimberley region of Western Australia** 1037

J. S. Y. Ng-Hublin, D. Hargrave, B. Combs & U. Ryan

### *Viruses*

**Recent trends in type-specific HPV infection rates in the United States** 1042

E. L. Dickson, R. I. Vogel, X. Luo & L. S. Downs

**Physical activity and capacity at initiation of antiretroviral treatment in HIV patients in Ethiopia** 1048

M. F. Olsen, P. Kæstel, M. Tesfaye, A. Abdissa, D. Yilma, T. Girma, C. Mølgaard, D. Faurholt-Jepsen, D. L. Christensen, S. Brage, Å. B. Andersen & H. Friis

**Assessing dengue infection risk in the southern region of Taiwan: implications for control** 1059

C.-M. Liao, T.-L. Huang, Y.-H. Cheng, W.-Y. Chen, N.-H. Hsieh, S.-C. Chen & C.-P. Chio

### *Creutzfeldt-Jakob disease*

**Temporal and regional variations in sporadic Creutzfeldt-Jakob disease in Japan, 2001–2010** 1073

E. Nakatani, T. Nishimura, B. Zhou, H. Kaneda, S. Teramukai, Y. Nagai, M. Fukushima & Y. Kanatani

### *Other infections*

***Borrelia miyamotoi* in host-seeking *Ixodes ricinus* ticks in England** 1079

K. M. Hansford, M. Fonville, S. Jahfari, H. Sprong & J. M. Medlock

**Evaluation of PCR in the diagnosis of canine leishmaniasis in two different epidemiological regions: Campinas (SP) and Teresina (PI), Brazil** 1088

L. N. G. Costa, A. S. Borba, C. L. Castagna, E. B. Carvalho Filho, F. A. L. Marson, F. F. Sá Junior, R. N. Angerami & C. E. Levy

**The geographical co-distribution and socio-ecological drivers of childhood pneumonia and diarrhoea in Queensland, Australia** 1096

Z. Xu, W. Hu & S. Tong

**Short Report: Detection of methicillin-resistant *Staphylococcus aureus* carrying the *mecC* gene in human samples in Slovenia** 1105

U. Dermota, I. Zdobc, I. Strumbej, I. Grmek-Kosnik, H. Ribic, M. Rupnik, M. Golob, U. Zajc, M. Bes, F. Laurent & M. Mueller-Premru

### *Book Review*

**Decontamination in Hospitals and Healthcare** 1109

Barry Cookson