

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



CAMBRIDGE
UNIVERSITY PRESS

EPIDEMIOLOGY & INFECTION

CONTENTS

Childhood infections

HISTORICAL REVIEW

The diphtheria vaccine debacle of 1940 that ushered in comprehensive childhood immunization in the United Kingdom

P. P. Mortimer 487

ORIGINAL PAPERS

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

H. Theeten, V. Hutse, N. Hens, Y. Yavuz, K. Hoppenbrouwers, P. Beutels, R. Vranckx and P. van Damme 494

Heterogeneity in vaccination coverage explains the size and occurrence of measles epidemics in German surveillance data

S. A. Herzog, M. Paul and L. Held 505

Evaluating measles surveillance: comparison of sentinel surveillance, mandatory notification, and data from health insurance claims

S. Tanihara, E. Okamoto, T. Imatoh, Y. Momose, A. Kaetsu, M. Miyazaki and H. Une 516

Spotted fever

First detection of spotted fever group rickettsiae in *Ixodes ricinus* and *Dermacentor reticulatus* ticks in the UK

E. Tijssse-Klasen, L. J. Jameson, M. Fonville, S. Leach, H. Sprong & J. M. Medlock 524

Protozoa

Decreased prevalence and age-specific risk factors for *Toxoplasma gondii* IgG antibodies in The Netherlands between 1995/1996 and 2006/2007

A. Hofhuis, W. van Pelt, Y. T. H. P. van Duynhoven, C. D. M. Nijhuis, L. Mollema, F. R. M. van der Klis, A. H. Havelaar & L. M. Kortbeek 530

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

A. Rodríguez-Guardado, V. Asensi Alvarez, M. Rodríguez Perez, P. Mejuto Alvarez, M. Flores-Chavez, P. Alonso González, & J. A. Cartón Sánchez 539

Uncertain outcomes: adjusting for misclassification in antimalarial efficacy studies

K. A. Porter, C. L. Burch, C. Poole, J. J. Juliano, S. R. Cole & S. R. Meshnick 544

Gastrointestinal infection and helicobacter

Risk factors for gastroenteritis: a nested case-control study

S. Rodrigo, M. Sinclair, R. Wolfe & K. Leder 552

Burden of acute gastrointestinal illness in the Metropolitan region, Chile, 2008

M. K. Thomas, E. Perez, S. E. Majowicz, R. Reid-Smith, A. Olea, J. Diaz, V. Solari & S. A. McEwen 560

Marching cohort of *Helicobacter pylori* infection over two decades (1988–2007): combined effects of secular trend and population migration

V. Y. Miendje Deyi, J. Vanderpas, P. Bontems, C. van den Borre, E. De Koster, S. Cadranel & A. Burette 572

Risk factors associated with *Helicobacter pylori* infection treatment failure in a high prevalence area

J. Yakoot, W. Jafri, Z. Abbas, S. Abid, S. Naz, R. Khan & A. Khalid 581

Vibrio illness in Florida, 1998–2007

K. E. Weis, R. M. Hammond, R. Hutchinson & C. G. M. Blackmore 591

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

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 & P. K. Ram 599

Staphylococci and streptococci

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

S. J. Eells, S. Chira, C. G. David, N. Craft & L. G. Miller 606

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

F. Scazzocchio, L. Aquilanti, C. Tabacchini, V. Iebba & C. Passariello 613

Invasive group A streptococcal disease in children in Queensland

B. D. Whitehead, H. V. Smith & C. Nourse 623

Rabies

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

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 & Y. Z. Zhang 629

Serological study

Usefulness of seroconversion rates for comparing infection pressures between countries

J. Simonsen, P. Teunis, W. van Pelt, Y. van Duynhoven, K. A. Krogfelt, M. Sadkowska-Todys & K. Mølbak 636

Correspondence

Quantitative analysis of epidemic and population patterns in the Chinese Empire: how is this possible?

Ka-Wai Fan 644