

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

REVIEW ARTICLE

West Nile virus

The virology, epidemiology, and clinical impact of West Nile virus: a decade of advancements in research since its introduction into the Western Hemisphere

K. O. Murray, C. Walker & E. Gould

807

ORIGINAL PAPERS

West Nile virus circulation in Veneto region in 2008–2009

L. Busani, G. Capelli, M. Cecchinato, M. Lorenzetto, G. Savini, C. Terregino, P. Vio, L. Bomfanti, M. Dalla Pozza & S. Marangon

818

Poliomyelitis

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

S. V. Nates, M. Frias, S. Belfiore, M. B. Isa, L. C. Martinez, R. Chuit, J. Armoni & C. Luxemburger

826

Development of an individual-based model for polioviruses: implications of the selection of network type and outcome metrics

H. Rahmandad, K. Hu, R. J. Duintjer Tebbens & K. M. Thompson

836

Arboviruses and human viruses associated with animals

A novel mutation (S227T) in domain II of the envelope gene of Japanese encephalitis virus circulating in North India

S. K. Pujhari, S. Prabhakar, R. K. Ratho, M. Modi, M. Sharma & B. Mishra

849

Short Report: Emergence of dengue virus type 4 (genotype I) in India

P. K. Dash, S. Sharma, A. Srivastava, S. R. Santhosh, M. M. Parida, M. Neeraja, M. V. S. Subbalaxmi, V. Lakshmi & P. V. L. Rao

857

Short Report: Nosocomial outbreak of Crimean-Congo haemorrhagic fever

H. R. Naderi, M. R. Sarvghad, A. Bojdy, M. R. Hadizadeh, R. Sadeghi & F. Sheybani

862

Environmental risk factors for haemorrhagic fever with renal syndrome in a French new epidemic area

J.-F. Viel, A. Lefebvre, P. Marianneau, D. Joly, P. Giraudoux, E. Upegui, N. Tordo & B. Hoen

867

Modelling

Herd contact structure based on shared use of water points and grazing points in the Highlands of Ethiopia

A. Waret-Szkuta, A. Ortiz-Pelaez, D. U. Pfeiffer, F. Roger & F. J. Guitian

875

*Multilevel modelling of the prevalence of hospitalized patients infected with *Pseudomonas aeruginosa**

H. Gbaguidi-Haore, P. Cholley, C. Rabaud, X. Bertrand & D. Talon

886

Gastrointestinal infections

Rotavirus genotypes co-circulating in Europe between 2006 and 2009 as determined by EuroRotaNet, a pan-European collaborative strain surveillance network

M. Iturriza-Gómez, T. Dallman, K. Bányai, B. Böttiger, J. Buesa, S. Diedrich, L. Fiore, K. Johansen, M. Koopmans, N. Korsun, D. Koukou, A. Kroneman, B. László, M. Lappalainen, L. Maunula, A. Mas Marques, J. Matthijnssens, S. Midgley, Z. Mladenova, S. Nawaz, M. Poljsak-Prijatelj, P. Pothier, F. M. Ruggeri, A. Sanchez-Fauquier, A. Steyer, I. Sidaraviciute-Ivaskeviciene, V. Syriopoulou, A. N. Tran, V. Usonis, M. van Ranst, A. de Rougemont & J. Gray

895

Molecular epidemiology of norovirus infections in children and adults: sequence analysis of region C indicates genetic diversity of NVGII strains in Kolkata, India

S. M. Nataraju, M. Pativada, D. Chatterjee, M. K. Nayak, B. Ganesh, M. K. Bhattacharya, T. Ramamurthy, S. Ganguly, D. R. Saha, K. Rajendran, M. Ghosh, N. Kobayashi & T. Krishnan

910

Role of probiotic in preventing acute diarrhoea in children: a community-based, randomized, double-blind placebo-controlled field trial in an urban slum

D. Sur, B. Manna, S. K. Niyogi, T. Ramamurthy, A. Palit, K. Nomoto, T. Takahashi, T. Shima, H. Tsuji, T. Kurakawa, Y. Takeda, G. B. Nair & S. K. Bhattacharya

919

The influence of weather on community gastroenteritis in Australia

G. V. Hall, I. C. Hanigan, K. B. G. Dear and H. Vally

927

Hospitalization and deaths for select enteric illnesses and associated sequelae in Canada, 2001–2004

J. M. Ruzante, S. E. Majowicz, A. Fazil & V. J. Davidson

937

*Sporadic *Cryptosporidium* infection in Nigerian children: risk factors with species identification*

S. F. Molloy, C. J. Tanner, P. Kirwan, S. O. Asaolu, H. V. Smith, R. A. B. Nichols, L. Connolly & C. V. Holland

946

Hospital-acquired infections

*Risk factors for fluoroquinolone resistance in *Enterococcus* urinary tract infections in hospitalized patients*

P. Rattanaumpawan, P. Tolomeo, W. B. Bilker, N. O. Fishman & E. Lautenbach

955

Childhood infections

Short Report: Congenital rubella syndrome and rubella in Vellore, South India

S. Chandy, A. M. Abraham, A. K. Jana, I. Agarwal, A. Kekre, G. Korula, K. Selvaraj & J. P. Mulyil

962