Contents

185 Health impacts of long-term exposure to disinfection by-products in drinking water in Europe: HIWATE
Mark J. Nieuwenhuijsen, Rachel Smith, Spyros Golfinopoulos, Nicky Best, James Bennett, Gabriella Aggazzotti, Elena Righi, Guglielmina Fantuzzi, Luca Bucchini, Sylvaine Cordier, Cristina M. Villanueva, Victor Moreno, Carlo La Vecchia, Cristina Bosetti, Terttu Vartiainen, Radu Rautiu, Mireille Toledano, Nina Iszatt, Regina Grazuleviciene and Manolis Kogevinas

208 The potential implications of person-to-person transmission of viral infection for US EPA’s Groundwater Rule
Jeffrey A. Soller

224 Endocrine disrupting compounds (EDCs) and pharmaceuticals and personal care products (PPCPs) in the aquatic environment: implications for the drinking water industry and global environmental health
M. F. Rahman, E. K. Yanful and S. Y. Jasim

244 Chlorine inactivation of coliphage MS2 on strawberries by industrial-scale water washing units
Michael J. Casteel, Charles E. Schmidt and Mark D. Sobsey

251 Plasmid-mediated multiple antibiotic resistance of \textit{Escherichia coli} in crude and treated wastewater used in agriculture
S. Pignato, M. A. Coniglio, G. Faro, F. X. Weill and G. Giammanco

259 Child dysentery in the Limpopo Valley: a cohort study of water, sanitation and hygiene risk factors
Stephen W. Gundry, James A. Wright, Ronán M. Conroy, Martella Du Preez, Bettina Genthe, Sibonginkosi Moyo, Charles Mutisi and Natasha Potgieter

267 Identification of microbial faecal sources in the New River in the United States–Mexican border region
Rezaur Rahman, Absar Alum, Hodon Ryu and Morteza Abbasszadegan

276 Water consumption habits of a south-western Ontario community
K. D. M. Pintar, D. Waltner-Toews, D. Charron, F. Pollari, A. Fazil, S. A. McEwen, A. Nesbitt and S. Majowicz

293 Arsenic, As\textsuperscript{III}, and tungsten in Nevada County’s private water supplies
Mark Walker and DeEtta Fosbury
302  Peri-urban aquatic plant culture and skin disease in Phnom Penh, Cambodia
Vuong Tuan Anh, Wim van der Hoek, Annette Kjær Ersbøll, Chan Vicheth, Phung Dac Cam and Anders Dalsgaard

312  DNA-based real-time detection and quantification of aeromonads from fresh water beaches on Lake Ontario
Izhar U. H. Khan, Alyssa Loughborough and Thomas A. Edge

324  Faecal contamination of drinking water in a Brazilian shanty town: importance of household storage and new human
faecal marker testing
Curtis C. Copeland, Benjamin B. Beers, Meghan R. Thompson, Relana P. Fitzgerald, Leah J. Barrett,
Jesus E. Sevilleja, Sayonara Alencar, Aldo A. M. Lima and Richard L. Guerrant

332  Drinking water residence time in distribution networks and emergency department visits for gastrointestinal illness
in Metro Atlanta, Georgia
Sarah C. Tinker, Christine L. Moe, Mitchel Klein, W. Dana Flanders, Jim Uber, Appiah Amirtharajah, Philip Singer
and Paige E. Tolbert

344  Detection and molecular characterization of swine hepatitis E virus in North Carolina swine herds and their faecal wastes
Julie A. Kase, Maria T. Correa and Mark D. Sobsey