

# International Journal of Epidemiology

Official Journal of the International Epidemiological Association

## Contents

<b>Editor's Choice</b>	<b>1 Big business, big science?</b> G Davey Smith
<b>Editorial</b>	<b>4 Cities, urbanization and health</b> DA Leon
<b>Reprints and Reflections</b>	<b>9 The Incidence of Tonsillectomy in School children</b> J Alison Glover <b>19 Commentary: James Alison Glover (1874–1963), OBE (1919) CBE (1941) MD (1905) DPH (1905) FRCP (1933): health care variations research then and now</b> K McPherson <b>23 Commentary: Tonsillectomy—then and now</b> MJ Burton <b>26 Commentary: A debt of gratitude to J. Alison Glover</b> J Wennberg
<b>Cohort Profiles</b>	<b>30 Cohort Profile: The Western Australian Family Connections Genealogical Project</b> EJ Glasson, NH de Klerk, AJ Bass, DL Rosman, LJ Palmer and CDJ Holman <b>36 Cohort Profile: The Norwegian Women and Cancer Study—NOWAC—Kvinner og kreft</b> E Lund, V Dumeaux, T Braaten, A Hjartåker, D Engeset, G Skeie and M Kumle
<b>Diversion</b>	<b>42 Commentary: Sibling trials in Banbridge, County Down</b> A Evans
<b>Point-Counterpoint</b>	<b>46 Corporate influences on epidemiology*</b> N Pearce <b>53 Commentary: Epidemiology and the pharmaceutical industry: an inside perspective*</b> J Haas <b>56 Commentary: Collaboration between industry-based and academic epidemiologists*</b> A White, N Robinson, P Egger, M Stender, K Davis, J Weil and S Bowlin <b>57 Commentary: Addressing Corporate Influence Through Ethical Guidelines*</b> S Greenland <b>59 Commentary: Lack of scientific influences on epidemiology*</b> CV Phillips <b>65 Response: The distribution and determinants of epidemiologic research*</b> N Pearce
<b>Special Theme: Communicable Disease</b>	<b>69 Back pain, a communicable disease?</b> H Raspe, A Hueppe and H Neuhauser <b>74 Commentary: When East meets West—comments on 'back pain as a communicable disease'</b> S Reichenbach and JN Katz

\*These papers are the Editor-in-Chiefs choice and are available free online at <http://ije.oxfordjournals.org>

- 77 **Measuring effectiveness in community randomized trials of HIV prevention**  
TB Hallett, GP Garnett, Z Mupamberiyi and S Gregson
- 88 **HIV incidence in 3 years of follow-up of a Zimbabwe cohort—1998–2000 to 2001–03: contributions of proximate and underlying determinants to transmission**  
B Lopman, C Nyamukapa, P Mushati, Z Mupambireyi, P Mason, GP Garnett and S Gregson
- 106 **An exploratory method for estimating the changing speed of epidemic waves from historical data**  
AD Cliff, P Haggett and M Smallman-Raynor
- 113 **Low serum vitamin D levels and tuberculosis: a systematic review and meta-analysis**  
KE Nnoaham and A Clarke
- 
- Genetic Epidemiology**
- 120 **Assessment of cumulative evidence on genetic associations: interim guidelines**  
JPA Ioannidis, P Boffetta, J Little, TR O'Brien, AG Uitterlinden, P Vineis, DJ Balding, A Chokkalingam, SM Dolan, WD Flanders, JPT Higgins, MI McCarthy, DH McDermott, GP Page, TR Rebbeck, D Seminara and MJ Khoury
- 133 **Commentary: Genetic association studies see light at the end of the tunnel**  
TM Frayling
- 136 **How should we use information about HWE in the meta-analyses of genetic association studies?**  
C Minelli, JR Thompson, KR Abrams, A Thakkinstian and J Attia
- 
- Ethnicity and Health**
- 147 **Cancer incidence rates among South Asians in four geographic regions: India, Singapore, UK and US**  
T Rastogi, S Devesa, P Mangtani, A Mathew, N Cooper, R Kao and R Sinha
- 160 **Commentary: Cancer incidence among Asian Indians in India and abroad**  
R Sankaranarayanan
- 162 **Ethnic differences in overweight and obesity in early adolescence in the MRC DASH study: the role of adolescent and parental lifestyle**  
S Harding, A Teyhan, MJ Maynard and JK Cruickshank
- 
- Cardiovascular Diseases**
- 173 **Intake of ruminant *trans* fatty acids and risk of coronary heart disease**  
MU Jakobsen, K Overvad, J Dyerberg and BL Heitmann
- 182 **Commentary: Ruminant *trans* fatty acids and coronary heart disease—cause for concern?**  
D Mozaffarian
- 
- Diabetes**
- 185 **Importance of familial factors in associations between offspring birth weight and parental risk of type-2 diabetes**  
N Bergvall, A Lindam, Y Pawitan, P Lichtenstein, S Cnattingius and A Iliadou
- 192 **Commentary: Type 2 diabetes and birth weight—genetic and environmental effects**  
RS Lindsay
- 
- Theory and Methods**
- 194 **Accuracy of child morbidity data in demographic and health surveys**  
AO Manesh, TA Sheldon, KE Pickett and R Carr-Hill
- 
- Other Original Articles**
- 201 **Fatness biases the use of estimated leg length as an epidemiological marker for adults in the NHANES III sample**  
B Bogin and MI Varela-Silva
- 210 **Parental smoking and childhood obesity—is maternal smoking in pregnancy the critical exposure?**  
R von Kries, G Bolte, L Baghi, AM Toschke, for the GME Study Group
- 
- Letters to the Editor**
- 217 **Absinthe and tobacco—a new look at an old problem? (comment on: Absinthe—is its history relevant for current public health?)**  
DW Lachenmeier and D Nathan-Maister
- 219 **Reply to Absinthe and tobacco—a new look at an old problem?**  
M Huisman, J Brug and JP Mackenbach
- 
- Book Reviews**
- 220 **Epidemiology and Prevention**  
N Timpson
- 221 **Epidemiological Methods in Life Course Research**  
A Fraser