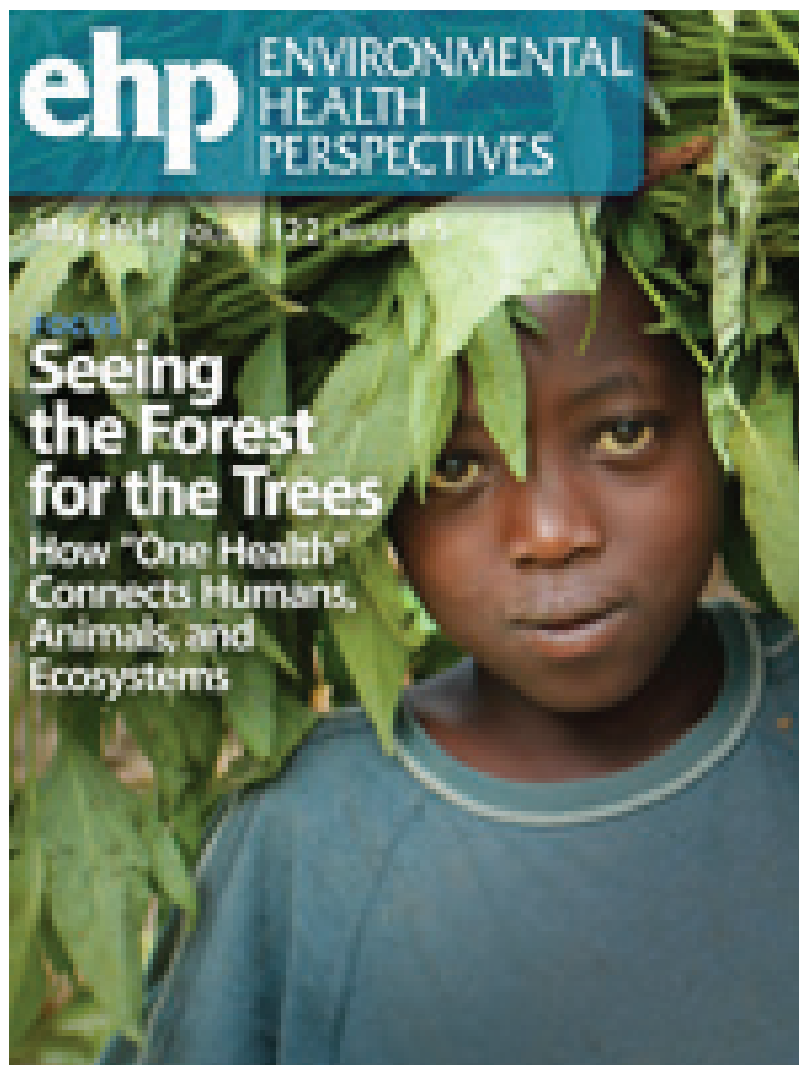


**ENVIRONMENTAL HEALTH
PERSPECTIVES,**
máj 2014, ročník 122, číslo 5



SCIENCE SELECTIONS

Shared Burden: Public Health Impact of Nine Environmental Pollutants in Europe

Lindsey Konkel | A136

Also see *Hänninen et al.*, p. 439

Clues to Autistic Behaviors: Exploring the Role of Endocrine Disruptors

Kellyn S. Betts | A137

Also see *Braun et al.*, p. 513

New Confidence: Optimizing Benchmark Dose Modeling to Improve Risk Assessment

Carol Potera | A138

Also see *Wignall et al.*, p. 499

Climate Change Mitigation: Assessing Strategies that Offer Potential Human Health Benefits

Julia R. Barrett | A139

Also see *Remais et al.*, p. 447

COMMENTARY

Non-Renal Effects and the Risk Assessment of Environmental Cadmium Exposure

Agneta Åkesson, Lars Barregard, Ingvar A. Bergdahl, Gunnar F. Nordberg, Monica Nordberg, and Staffan Skerfving | 431

REVIEWS

Environmental Burden of Disease in Europe: Assessing Nine Risk Factors in Six Countries

Otto Hänninen, Anne B. Knol, Matti Jantunen, Tek-Ang Lim, André Conrad, Marianne Rappolder, Paolo Carrer, Anna-Clara Fanetti, Rokho Kim, Jurgen Buekers, Rudi Torfs, Ivano Iavarone, Thomas Classen, Claudia Hornberg, Odile C.L. Mekel, and the EBoDE Working Group | 439

Also see [Science Selections](#), p. A136

Estimating the Health Effects of Greenhouse Gas Mitigation Strategies: Addressing Parametric, Model, and Valuation Challenges

Justin V. Remais, Jeremy J. Hess, Kristie L. Ebi, Anil Markandya, John M. Balbus, Paul Wilkinson, Andy Haines, and Zaid Chalabi | 447

Also see [Science Selections](#), p. A139

RESEARCH

Physiologically Based Pharmacokinetic (PBPK) Modeling of Interstrain Variability in Trichloroethylene Metabolism in the Mouse

Weihshueh A. Chiu, Jerry L. Campbell Jr., Harvey J. Clewell III, Yi-Hui Zhou, Fred A. Wright, Kathryn Z. Guyton, and Ivan Rusyn | 456

High-Density Livestock Production and Molecularly Characterized MRSA Infections in Pennsylvania

Joan A. Casey, Bo Shopsis, Sara E. Cosgrove, Keeve E. Nachman, Frank C. Curriero, Hannah R. Rose, and Brian S. Schwartz | 464

Multidrug-Resistant and Methicillin-Resistant Staphylococcus aureus (MRSA) in Hog Slaughter and Processing Plant Workers and Their Community in North Carolina (USA)

Ricardo Castillo Neyra, Jose Augusto Frisancho, Jessica L. Rinsky, Carol Resnick, Karen Colleen Carroll, Ana Maria Rule, Tracy Ross, Yaqi You, Lance B. Price, and Ellen Kovner Silbergeld | 471

Urinary Bisphenol A Levels in Young Men: Association with Reproductive Hormones and Semen Quality

Tina Harmer Lassen, Hanne Frederiksen, Tina Kold Jensen, Jørgen Holm Petersen, Ulla N. Joensen, Katharina M. Main, Niels E. Skakkebaek, Anders Juul, Niels Jørgensen, and Anna-Maria Andersson | 478

Dose-Dependent Incidence of Hepatic Tumors in Adult Mice following Perinatal Exposure to Bisphenol A

Caren Weinhouse, Olivia S. Anderson, Ingrid L. Bergin, David J. Vandenberg, Joseph P. Gyekis, Marc A. Dingman, Jingyun Yang, and Dana C. Dolinoy | 485

Associations between Traffic Noise, Particulate Air Pollution, Hypertension, and Isolated Systolic Hypertension in Adults: The KORA Study

Wolfgang Babisch, Kathrin Wolf, Markus Petz, Joachim Heinrich, Josef Cyrys, and Annette Peters | 492

Standardizing Benchmark Dose Calculations to Improve Science-Based Decisions in Human Health Assessments

Jessica A. Wignall, Andrew J. Shapiro, Fred A. Wright, Tracey J. Woodruff, Weihsueh A. Chiu, Kathryn Z. Guyton, and Ivan Rusyn | 499

Also see [Science Selections](#), p. A138

Influence of Urbanicity and County Characteristics on the Association between Ozone and Asthma Emergency Department Visits in North Carolina

Jason D. Sacks, Ana G. Rappold, J. Allen Davis Jr., David B. Richardson, Anna E. Waller, and Thomas J. Luben | 506

CHILDREN'S HEALTH

Gestational Exposure to Endocrine-Disrupting Chemicals and Reciprocal Social, Repetitive, and Stereotypic Behaviors in 4- and 5-Year-Old Children: The HOME Study

Joseph M. Braun, Amy E. Kalkbrenner, Allan C. Just, Kimberly Yolton, Antonia M. Calafat, Andreas Sjödin, Russ Hauser, Glenys M. Webster, Aimin Chen, and Bruce P. Lanphear | 513

Also see [Science Selections](#), p. A137

Prenatal Phthalate Exposures and Neurobehavioral Development Scores in Boys and Girls at 6–10 Years of Age

Roni W. Kobrosly, Sarah Evans, Amir Miodovnik, Emily S. Barrett, Sally W. Thurston, Antonia M. Calafat, and Shanna H. Swan | 521

Association between Maternal Serum Perfluoroalkyl Substances during Pregnancy and Maternal and Cord Thyroid Hormones: Taiwan Maternal and Infant Cohort Study

Yan Wang, Walter J. Rogan, Pau-Chung Chen, Guang-Wen Lien, Hsiao-Yen Chen, Ying-Chih Tseng, Matthew P. Longnecker, and Shu-Li Wang | 529