

# ENVIRONMENTAL HEALTH PERSPECTIVES, september 2012, ročník 120, číslo 9



## ON THE COVER | FOCUS

### ***Unknown Quantity: Regulating Radionuclides in Tap Water***

Bob Weinhold | A350-A356

Radioactivity surrounds us; each day we are exposed to a certain amount by virtue of being alive on planet Earth. Some of this exposure comes from radioactive substances (radionuclides) that are synthesized or that occur naturally in a wide variety of geologic and soil formations. Although radionuclides are widespread, there are large gaps in our knowledge about sources of these materials, their distribution, associated health risks, and mitigation measures. However, the information we do have suggests that current drinking water standards for radionuclides established by the U.S. Environmental Protection Agency (EPA) may not adequately protect health.

## FORUM

### ***The Endocrine Society Issues Statement of Principles***

Charles W. Schmidt, MS | A346

### ***Can the Energy and Enterprise Initiative Improve Public Health?***

David C. Holzman | A347

### ***EPA Proposes Tighter Particulate Air Pollution Standards***

Bob Weinhold | A348-A349

### ***The Beat***

Erin E. Dooley | A348-A349

## Spheres of Influence



### ***To Label or Not to Label: California Prepares to Vote on Genetically Engineered Foods***

Richard Dahl | A358-A361

While genetically engineered (GE) crop acreage has been steadily increasing, so have concerns in some quarters that producing and eating GE foods may pose unexpected environmental and health hazards. In the absence of strong health and safety data, many national governments across the world have taken steps to minimize the presence of GE food within their borders. In the United States, consumer concern about GE foods has been slower to surface. But that's changing—and a ballot question this fall in California has the potential to radically alter the GE landscape throughout the rest of the United States.

## SCIENCE SELECTIONS

### ***Subtle Shades of Impairment: Childhood Tetrachloroethylene Exposure May Cause Subclinical Deficits in Adult Vision***

Wendee Nicole | A362

### ***Followup in Southern California: Decreased Birth Weight following Prenatal Wildfire Smoke Exposure***

Rebecca Kessler | A362

### ***A Potential Window onto Early Pancreatic Cancer Development: Evidence of Cancer Stem Cell Growth after Exposure to Cadmium Chloride in Vitro***

Julia R. Barrett | A363

### ***Potential Mechanism for PM<sub>10</sub> Effects on Birth Outcomes: In Utero Exposure Linked to Mitochondrial DNA Damage***

Tanya Tillett | A363

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Alistair B.A. Boxall, Murray A. Rudd, Bryan W. Brooks, Daniel J. Caldwell, Kyungho Choi, Silke Hickmann, Elizabeth Innes, Kim Ostapyk, Jane P. Staveley, Tim Verslycke, Gerald T. Ankley, Karen F. Beazley, Scott E. Belanger, Jason P. Berninger, Pedro Carriquiriborde, Anja Coors, Paul C. DeLeo, Scott D. Dyer, Jon F. Ericson, François Gagné, John P. Giesy, Todd Gouin, Lars Hallstrom, Maja V. Karlsson, D. G. Joakim Larsson, James M. Lazorchak, Frank Mastrocco, Alison McLaughlin, Mark E. McMaster, Roger D. Meyerhoff, Roberta Moore, Joanne L. Parrott, Jason R. Snape, Richard Murray-Smith, Mark R. Servos, Paul K. Sibley, Jürg Oliver Straub, Nora D. Szabo, Edward Topp, Gerald R. Tetreault, Vance L. Trudeau, and Glen Van Der Kraak | 1221-1229

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Ralph L. Seiler and Joseph L. Wiemels | 1230-1237

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Douglas O. Johns, Lindsay Wichers Stanek, Katherine Walker, Souad Benromdhane, Bryan Hubbell, Mary Ross, Robert B. Devlin, Daniel L. Costa, and Daniel S. Greenbaum | 1238-1242

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Joanna S. Kerley-Hamilton, Heidi W. Trask, Christian J.A. Ridley, Eric DuFour, Carol S. Ringelberg, Nilufer Nurinova, Diandra Wong, Karen L. Moodie, Samantha L. Shipman, Jason H. Moore, Murray Korc, Nicholas W. Shworak, and Craig R. Tomlinson | 1252-1259

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