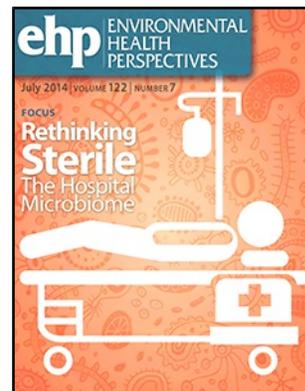


This month in EHP

The July issue of Environmental Health Perspectives ([EHP](http://ehp.niehs.nih.gov/)) (<http://ehp.niehs.nih.gov/>)

examines the microbial environments of hospitals, and emerging initiatives to improve reproducibility of scientific findings.



Rethinking Sterile: The Hospital Microbiome

Hospitals, despite the historical emphasis on sterility of health care environments, are now understood to be microbial ecosystems unto themselves. Researchers are studying these hospital microbiomes, with an eye toward reducing hospital-acquired infections and optimizing health.

Research Wranglers: Initiatives to Improve Reproducibility of Study Findings

Funding agencies and research journals are crafting guidelines for well-designed studies, with the goal of ensuring published scientific findings are reproducible - especially those that provide a rationale for human clinical trials, or for new regulations and policies with public health impacts.

Featured research and related news articles this month include:

Science, Policy, and the Transparency of Values - Science and Policy: Understanding the Role of Value Judgments

Long-Term Aircraft Noise Exposure and Body Mass Index, Waist Circumference, and Type 2 Diabetes: A Prospective Study - In the Neighborhood: Metabolic Outcomes Among Residents Exposed to Aircraft Noise

CpG Sites Associated with Cigarette Smoking: Analysis of Epigenome-Wide Data From the Sister Study - Building a Solid Case: Cigarette Smoke and Epigenomic Alterations

Water Distribution System Deficiencies and Gastrointestinal Illness: A Systematic Review and Meta-Analysis - Plugging the Holes in Water Distribution Systems: Deficiencies May Contribute to Gastrointestinal Illnesses

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