

## Arsenic References

- ATSDR (2000). Arsenic. Public Health Statement. Available on-line: <http://www.atsdr.cdc.gov/toxprofiles/phs2.html>.
- Bartolome, B., Cordoba, S., Nieto, S., Fernandez-Herrera, J., & Garcia-Diez, A. (1999). Acute arsenic poisoning: clinical and histopathological features. British Journal of Dermatology, 141, 1106-1109.
- Gewolb, J. (2001). How arsenic fights - and triggers – cancer. Science Now, 11/15/01; 2.
- Hwang, Y., Bornschein, R., Grote, J., Menrath, W., & Roda, S. (1997). Archives of Environmental Health, 5(2); 139-147.
- Karagas, M., Tosteson, T., Blum, J., Morris, J., Baron, J., & Laue, B. (1998). Design of and epidemiologic study of drinking water arsenic exposure and skin and bladder cancer risk in a U.S. population. Environmental Health Perspectives Supplements, 106(4); 1047-1050.
- Lockwood, J., Schervish, M., Gurian, P., & Small, M. (2001). Characterization of arsenic occurrence in source waters of U.S. community water systems. Journal of the American Statistical Association, 96(456); 1184-1193.
- New Jersey Department of Health and Senior Services (1998). Arsenic. Hazardous Substance Fact Sheet. Available on-line: <http://www.state.nj.us/health/eoh/rtkweb/0152.pdf>
- NIOSH (2002). Arsenic. NIOSH Pocket Guide to Chemical Hazards. Available on-line: <http://www.cdc.gov/niosh/npg/pgintrod.html>.
- Tsai, S., Wang, T., & Ko, Y. (1999). Mortality for certain diseases in areas with high levels of arsenic in drinking water. Archives of Environmental Health, 54(3), 186-193.
- Weir, E. (2002). Arsenic and drinking water. Canadian Medical Association Journal, 166(1); 69.
- World Health Organization (2001). Arsenic in drinking water. Environmental Health, September; 36,44.

### **Cadmium References**

Agency for Toxic Substances and Disease Registry (1999). Cadmium. Public Health Statement. Available on-line: <http://www.atsdr.cdc.gov/toxprofiles/phs5.html>

Akesson, A., Berglund, M., Schutz, A., Bjellerup, P., Bremme, K., & Vahter, M. (2002). Cadmium exposure in pregnancy and lactation in relation to iron status. American Journal of Public Health, *92*: 284-287.

Alonso, E., Cambra, K., & Martinez, T. (). Lead and Cadmium exposure from contaminated soil among residents of a farm area near and industrial site. Archives of Environmental Health, *56U(3)*:278-282.

Hotz, P., Buchet, J., Bernard, A., Lison, D., & Lauwerys, R. (1999). Renal effects of low-level environmental cadmium exposure: 5-year follow-up of a subcohort from the Cadmibel study. Lancet, *354*: 1508-1513.

New Jersey Department of Health and Senior Services (1999). Cadmium. Hazardous Substance Fact Sheet. Available on-line: <http://www.state.nj.us/health/eoh/rtkweb/0305.pdf>

Stassen, J., Roels H., Emelianov, D., Kuznetsova, T., Thjis, L., Vangronsveld, J., & Fagard, R. (1999). Environmental exposure to cadmium, forearm bone density, and risk of fractures: Prospective population study. Lancet, *353*: 1140-1144.

### **Lead References**

Agency for Toxic Substances and Disease Registry (1997). Lead. Public Health Statement. Available on-line: <http://www.atsdr.cdc.gov/toxprofiles/phs13.html>

Brown, M., Gardner, J., Sargent, J., Swartz, K., Hu, H., & Timperi, R. (2001). The effectiveness of housing policies in reducing children's lead exposure. American Journal of Public Health, *91*: 621-624.

Centers for Disease Control (1998). Adult blood lead epidemiology and surveillance – United States, first quarter 1998, and annual 1994-1997. Morbidity and Mortality Weekly Report, *47(42)*: 907-1001.

Grosse, S., Matte, T., Schwartz, J., & Jackson, R. (2002). Economic gains resulting from the reduction in children's exposure to lead in the United States. Environmental Health Perspectives, *110(6)*: 563-569.

Jones, T., Moore, W., Craig, A., Reasons, R., & Schaffner, W. (1999). Hidden threats: Lead poisoning from unusual sources. Pediatrics, 104(5): 1223-1225.

Lynch, R., Makoe, L., Skaggs, V., & Kegler, M. (2000). The relationship between residential blood lead exposures and elevated blood lead levels in a rural mining community. Environmental Health, 10: 9-15.

New Jersey Department of Health and Senior Services (2001). Lead. Hazardous Substance Fact Sheet. Available on-line:

<http://www.state.nj.us/health/eoh/rtkweb/1096.pdf>

Phelps, L. (1999). Low-level lead exposure implications for research and practice. School Psychology Review, 28(3): 477-492.

Rich, D., Rhoads, G., Wartenberg, D., & Sweatlock, J. (2001). The effects of home lead abatements on childhood blood lead levels: A retrospective follow-up study. Environmental Health, 6: 9-15.

Roychowdhury, M. (1998). Environmental and occupational lead exposure: Progress and perspectives. Professional Safety, 43(4): 35-40.

Shorten, C. & Hooven, M. (2000). Methods of exposure assessment: Lead-contaminated dust in Philadelphia schools. Environmental Health Perspectives, 108(7): 663-666.

Swartz, M. (2001). Occupational lead exposure: Health effects and remediation practices. American Society of Safety Engineers, 7: 29-31.

Tong, S., McMichael, A., & Baghurst, P. (). Interactions between environmental lead exposure and sociodemographic factors on cognitive development. Archives of Environmental Health, 55(5): 330-335.

### **Mercury References**

Agency for Toxic Substances and Disease Registry (1999). Mercury. Public Health Statements. Available on-line: <http://www.atsdr.cdc.gov/toxprofiles/phs46.html>

Agency for Toxic Substances and Disease Registry (1999). Mercury. ToxFAQ's. Available on-line: <http://www.atsdr.cdc.gov/tfacts46.pdf>

Ask, K., Akesson, A., Berglund, M., & Vahter, M. (2002). Inorganic mercury and methylmercury in placentas of Swedish women. Environmental Health Perspectives, 110(5): 523-526.

Bemis, J. & Seegal, R. (1999). Polychlorinated biphenyls and methyl mercury act synergistically to reduce rat brain dopamine content in vitro. Environmental Health Perspectives, 107(11): 879-885.

Berends, D. (2002). Remediation Technologies. Envirottools. Available on-line <http://www.envirottools.org/factsheets/remeditech.pdf>

Coccini, T., Randine, G., Candura, S., Nappi, R., Prockop, L., & Manzo, L. (2000). Low-level exposure to methyl mercury modifies muscarinic cholinergic receptor binding characteristics in rat brain and lymphocytes: Physiologic implications and new opportunities in biologic monitoring. Environmental Health Perspectives, 108(1): 29-33.

Environmental Protection Agency (2000). EPA Region 3 Risk Based Concentration Table. Available on-line <http://www.epa.gov/reg3hwmd/risk/rbc.pdf>

Environmental Protection Agency (2001). Guide to contaminants and technologies. Road Map to Understanding Innovative Technology Options for Brownfields Investigation and Cleanup (EPA Publication No. 542-B-01-001, pp. A1-A3). Washington, DC: EPA. Available on-line <http://clu-in.org/roadmap>

Environmental Protection Agency (2001). National advice on mercury in fish caught by family and friends: for women who are pregnant or may become pregnant, nursing mothers, and young children. Consumption Advice Fact Sheet. Available on-line: <http://www.epa.gov/waterscience/fishadvice/factsheet.html>

Food and Drug Administration (2001). An important message for pregnant women and women of childbearing age who may become pregnant about the risks of mercury in fish. Consumer Advisory. Available online: <http://vm.cfsan.fda.gov/~dms/admehg.html>

Methyl mercury's toxic toll (2000). Science News, 158: 77.

Myers, G. & Davidson, P. (2000). Does methylmercury have a role in causing developmental disabilities in children? Environmental Health Perspectives, 108(supplement 3): 413-420.

New Jersey Department of Health and Senior Services (1998). Mercury. Hazardous Substance Fact Sheet. Available on-line: <http://www.state.nj.us/health/eoh/rtkweb/1183.pdf>

Stern, A., Gochfeld, M., Weisel, C., & Burger, J. (2001). Mercury and methyl mercury exposure in the New Jersey pregnant population. Archives of Environmental Health, 56(1): 4-10.

Weir, E. (2001). Methylmercury exposure: fishing for answers. Canadian Medical Association Journal, 165(2): 205-206.

### **PAH References**

Agency for Toxic Substances and Disease Registry (1995). Polycyclic aromatic hydrocarbons. Public Health Statement. Available on-line: <http://www.atsdr.cdc.gov/toxprofiles/phs69.html>

Coggen, D. (1999). Occupational cancer in the United Kingdom. Environmental Health Perspectives, 107(supplement 2): 239-244.

Goldstein, L., Weyand, E., Safe, S., Steinberg, M., Culp, S., Gaylor, D., Beland, F., & Rodriguez, L. (1998). Tumors and DNA adducts in mice exposed to benzo[a]pyrene and coal tars: Implications for risk assessment. Environmental Health Perspectives, 106(supplement 6): 1325-1330.

Law, R. & Hellou, J. (1999). Contamination of fish and shellfish following oil spill incidents. Environmental Geosciences, 6(2): 90-98.

Nesnow, S., Mass, M., Ross, J., Galati, A., Lambert, G., Gennings, C., Carter, W., & Stoner, G. (1998). Lung tumorigenic interactions in strain A/J mice of five environmental polycyclic aromatic hydrocarbons. Environmental Health Perspectives, 106(supplement 6): 1337-1346.

Pelclova, D., Cerna, M., Pastorkova, A., Vrbikova, V., Prochazka, B., Hurychova, D., Dlaskova, Z., & Hornychova, M. (2000). Study of the genotoxicity of toluene. Archives of Environmental Health, 55(4): 268-273.

Perera, F., Jedrychowski, W., Rauh, V., & Whyatt, R. (1999). Molecular epidemiologic research on the effects of environmental pollutants on the fetus. Environmental Health Perspectives, 107(supplement 3): 451-460.

### **PCB References**

Agency for Toxic Substances and Disease Registry (2000). Polychlorinated biphenyls. Public Health Statement. Available on-line: <http://www.atsdr.cdc.gov/toxprofiles/phs17.html>

Brouwer, A., Longnecker, M., Birnbaum, L., Cogliano, J., Kostyniak, P., Moore, J., Schantz, S., & Winneke, G. (1999). Characterization of potential endocrine-related health effects at low-dose levels of exposure to PCBs. Environmental Health Perspectives, 107(supplement 4): 639-649.

Chao, W., Hsu, C., & Guo, Y. (1997). Middle-ear disease in children exposed prenatally to polychlorinated biphenyls and polychlorinated dibenzofurans. Archives of Environmental Health, 52(4): 257-262.

Fisher, J. (2002). GE, EPA, and PCBs. Planning, February: 20-23.

Kassa, H. & Bisesi, M. (2001). Levels of polychlorinated biphenyls (PSC) in fish: The influence on local decision making about fish consumption. Environmental Health, April: 29-33.

Hsieh, S., Yen, Y., Lan, S., Hsieh, C., Lee, C., & Ko, Y. (1996). A cohort study on mortality and exposure to polychlorinated biphenyls. Archives of Environmental Health, 51(6): 417-424.

McGuinness, B., Buck, G., Mendola, P., Sever, L., & Vena, J. (2001). Infecundity and consumption of polychlorinated biphenyl-contaminated fish. Archives of Environmental Health, 56(3): 250-253.

Michael, F., Quensen, J., & Reddy, C. (2001). Bioremediation of a PCB-contaminated soil via composting. Compost Science and Utilization, Autumn: 274-284.

New Jersey Department of Health and Senior Services (2002). Polychlorinated biphenyls. Hazardous Substance Fact Sheet. Available on-line:  
<http://www.state.nj.us/health/eoh/rtkweb/1554.pdf>

Walkowiak, J., Wiener, J., Fastabend, A., Heinzow, B., Kramer, U., Schmidt, E., Steingruber, H., Wundram, S., & Winneke, G. (2001). Environmental exposure to polychlorinated biphenyls and quality of the home environment: Effects on psychodevelopment in early childhood. Lancet, 358: 1602-1607.

### **Vinyl Chloride References**

Agency for Toxic Substances and Disease Registry (1997). Vinyl chloride. Public Health Statement. Available on-line:  
<http://www.atsdr.cdc.gov/toxprofiles/phs20.html>

Cancer Weekly (May 16, 2000). Vinyl chloride exposure changes p53 gene. 9.  
Key, S. (1999). Study finds link between cancer and vinyl chloride. Cancer Weekly Plus, 2: 16-17.

New Jersey Department of Health and Senior Services (2001). Vinyl chloride. Hazardous Substance Fact Sheet. Available on-line:  
<http://www.state.nj.us/health/eoh/rtkweb/2001.pdf>

Powell, J., Van de Water, J., & Gershwin, M. (1999). Evidence for the role of environmental agents in the initiation or progression of autoimmune conditions. Environmental Health Perspectives, 107(supplement 5): 667-672.

### **\*All Anatomy photos**

Anatomy photos are found at Loyola University Medical Education Network:  
[http://www.meddean.luc.edu/templates/lumen/search\\_engine/multimedia/index.cfm](http://www.meddean.luc.edu/templates/lumen/search_engine/multimedia/index.cfm)