

## BIBLIOGRAPHY

- Abe, T. 1995. High hair mercury and urinary mercury levels of fish eaters in the non polluted environment of Papua New Guinea, *Arch. Health*. 50: 367-373.
- Al-Majed, N.B. and Preston, M.R. 2000. Factors influencing the total mercury and methyl mercury in the hair of the fishermen of Kuwait, *Environmental Pollution*. 109: 239–250.
- Babi, D., Vajari, M., Celo, V. and Korovesi, M. 2000. Some results on Hg content in hair in different populations in Albania, *The Science of Total Environment*. 259: 55-60.
- Barregard, L., Sallsten, G. and Jarvholm, B. 1995. People with high mercury uptake from their own dental amalgam fillings, *Occupational Environmental Medicine*. 52: 124-128.
- Berry, J.W., Osgood, D.W. and John, P.A.St. 1974. Chemical villains: a biology of pollution. St. Louis : C.V. Mosby Co.
- Bharathi, PAI, Sathe, V. ad Chandramohan, D. 1990. Effect of lead, mercury and cadmium on a sulphate-reducing bacterium, *Environmental Pollution*. 67: 361-374.
- Bou Olayan, A.H. and Al Yakoob, S.N. 1994. Mercury in human hair: a study of residents in Kuwait, *Journal Environmental Science Health Part A*. 29: 1541-1551.
- Bratel, J., Haraldson, T. and Ottosson, JO. 1997. Potential side effects of dental amalgam restorations (II). Nore relation between mercury levels in the body and mental disorders, *Europe Journal oral Science*. 105: 244-250.
- Caroli, S., Senofonte, O., Violante, N., D'Ilio, S. and Caimi, S. 1998. Diagnostic Potential of hair Analysis as Applied to the Goldsmith Sector, *Microchemical Journal*. 59: 32-44.
- Chen, W.Y., Wang, Y.C and Kuo, M.S. 2002. Determination of total mercury and methylmercury in human hair by graphite-furnace atomic absorption spectrometry using 2, 3-Dimercaptopropane-1-sulfonate as a complexing agent, *Analytical Science*. 18: 255-260.

- Cotton, F.A. and Wilkinson, G. 1988. *Advanced Inorganic Chemistry*. 5<sup>th</sup> edn. New York, Toronto, Chichester, Brisbane, Singapore: Wiley-Interscience (John Wiley & Sons).
- da Costa, A.C.A. 1999. Chemical interactions between mercurial specie sand surface biomolecules from structural components of some biological systems, In *Mercury Contaminated sites*, pp.159-178. Ebinghaus, R., Turener, R.R., de Lacerda, L.D., Vasiliev, Q. and Salomons, W. eds. Heidelberg: Springer-Verlag.
- Creason, J.P., Hinners, T.A., Bumgarner, J.E. and Pinkerton C. 1982. Trace elements in hair, as related to exposure in metropolitan New York, *Clinical Chemistry*. 21: 603-612.
- Dickman, M. D., Leung, K. M. C. and Koo, L.C.L. 1999. Mercury in Human hair and fish: Is there Hong Kong mail sub fertility connection?, *Marine Pollution Bulletin*. 39: 352-356.
- Diez, S. and Bayona, J.M. 2002. Determination of methylmercury in human hair by ethylation followed by headspace solid-phase microextraction-gas chromatography-cold-vapor atomic fluorescence spectrometry, *Journal of Chromatography A*. 963: 345-351.
- Dolbec, J., Mergler, D., Larribe, F., Roulet, M., Lebel, J. and Lucotte, M. 2001. Sequential analysis of hair mercury levels in relation to fish diet of an Amazonian population, Brazil, *The Science of the Total Environment*. 271: 87-97.
- Engqvist, A. 1998. Mercury exposure form amalgam fillings: analysis of mercury in different biological matrixes and speciation in the feces. Department of Analytical Chemistry, Stockbohn University, Denmark.
- Foo, S.C., Ngim, C.H., Phoon, W.O. and Lee, J. 1988. Mercury in scalp hair of healthy Singapore residents, *The Science of the Total Environment*. 65: 83-86.
- Foo, S.C. and Tan, T.C. 1998. Elements in the hair of South-east Asian islanders, *The Science of the Total Environment*. 209: 185-192.
- Gainsford, I.D. and Dunne, S.M. 1992. "Silver amalgam in clinical practice", In *Dental handbook*, 3<sup>rd</sup> ed., pp. 102-106. Amesbusy, STM Typestters Ltd.

- Gardner, D. and Dal Pont, G. 1979. A rapid, simple method for the determination of total mercury in fish and hair by cold vapour atomic Absorption Spectrometry, *Analytica Chimica Acta*. 108: 13-20.
- Hac, E., Krzyzanowski, M and Krechniak, J. 2000. Total mercury in human renal cortex, liver, cerebellum and hair, *The Science of the Total Environment*. 248: 27-43.
- Harakeh, S., Sabra, N., Kassak, K. and Doughan, B. 2002. Factors influencing total mercury levels among Lebanese dentists, *The Science of the Total Environment*. 297: 153-160.
- Harris, R.C. and Hohenemser, C. 1978. Mercury: measuring and managing the risk, *Environmental*. 20(9): 25-36.
- Hartung, R. and Dinman, B.D. 1972. Environmental mercury contamination. Ann Arbor, Ann Arbor Science Publications.
- Holsbeek, L., Das, H.K. and Joiris, C.R. 1996. Mercury in human hair and relation to fish consumption in Bangladesh, *The Science of the Total Environment*. 186: 181-188.
- Horsted-Bindslev, P. 1991. Mercury and the dental patient, In Dental Amalgam- A Health Hazard?, pp.41-61. Horsted-Bindslev, P., Magos, L., Holmstrup, P. and Arenholt-Bindslev, D., eds. Copenhagen, Special-trykkeriet Viborg a-s.
- Jackson, T.A. 1991. Biological and environmental control of mercury accumulation by fish in lakes and reservoir of northern Manitoba, Canada, *Canada. Journal. Fish. Aquatic Science*. 48: 2449-2470.
- Jonasson, I.R. and Boyle, R.W. 1972. Geochemistry of mercury and origins of natural contamination of the environment, *Canada. Mining Metallurg (CIM) Bull*. 65: 32-39.
- Kebbekus, B.B. and Mitra, S. 1998. Environmental Chemical Analysis. pp12-14. Blackie Academic and Professional. USA.
- Leino, T. and Lodenius, M. 1995. Human hair mercury in Tucruí area, State of Para Brazil, *The Science of the Total Environment*. 175: 119-125.
- Liang, G.H., Jarlebark, L., Ulfendahl, M. and Moore, E.J. 2003. Mercury (Hg<sup>2+</sup>) suppression of potassium currents outer hair cells, *Neurotoxicology and Teratology*. 25: 349-359.

- Lien, D.C., Todoruk, D.N., Rajani, H.R., Cook, D.A. and Herbert, F.A. 1983. Accidental inhalation of mercury vapor: respiratory and toxicologic consequences, *Canada Medical Association Journal*. 129: 591-595.
- Lindow, S. W., Knight, R., Batty, J. and Haswell, S.J. 2003. Maternal and neonatal hair mercury concentration: the effect of dental amalgam, *International Journal of Obstetrics and gynecology*. 110: 287-291.
- Ling, L., Jiang, G., Liu, J. and Hu, J. 2003. Speciation analysis of mercury in seafood by using high-performance liquid chromatography on-line coupled with cold vapor atomic fluorescence spectrometry via a post column microwave digestion, *Analytica Chimica Acta*. 477: 131-137.
- Lorring, D.H. and Rantala, R.T.T. 1995. Manual for the geochemical analyses of marine sediments and suspended particulate matter, Reference methods for marine pollution studies. No. 63. S.1, IAEA-UNEP. Monaco.
- Malm, O., Branches, F.J.P., Akagi, H., Castro, M.B., Pfeiffer, W.C., Harada, M., Bastos, W.R. and Kato, H. 1995. Mercury and methlymercury in fish and human hair from the Tapajos river basin, Brazil, *The Science and Total Environment*. 175: 141-150.
- Mason, A.Z. and Jenkins, K.D. 1995. Metal detoxification in aquatic organisms, In *Metal Speciation and Bioavailability in Aquatic Systems*, pp.479-608. Tessier, A. and Turner, D.R., eds. New York: John Wiley & Sons.
- Mateer, R.S and Reitz, C.D. 1970. Corrosion of amalgam restorations, *Journal Dental Research*. 49: 399-407.
- Matilainen, T. and Verta, M. 1995. Methylmercury Distribution and Partitioning in Stratified Finnish Forest Lakes, *Water, Air and Soil Pollution*. 80: 585-588.
- Moreda-Pineiro, J., Lopez-Mahia, P., Muiategui-Lorenzo, S., Fernandez-Fernandez, E. and Prada-Rodriguez, D. 2002. Direct mercury determination in aqueous slurries of environment and biological samples by cold vapor generation-electrothermal atomic absorption spectrometry, *Analytica Chimica Acta*. 460: 111-122.
- Mortada, W.I., Sobh, M.A., El-Defrawy, M.M., and Farahat, S.E. 2002. Mercury in dental restoration: Is there a risk of nephrotoxicity?, *Journal. Nephrotoxicity*. 15: 171-176.

- Morton, J., Carolan, V.A. and Gardiner, H.E. 2002. Removal of exogenously bound elements from human hair by various washing procedures and determination by inductively coupled plasma mass spectrometry, *Analytica Chimica Acta*. 455: 23 -34.
- Nakawaka, R. 1995. Concentration of mercury in hair of Japanese people, *Chemosphere*. 30: 127-133.
- Ohno, H., Doi, R., Tani, Y. and Harada, M. 1984. Mercury content of head hair from residents on the coast of Jakarta Bay, *Bull Environment Contamination Toxicology*. 33: 282-285.
- Olivero, J., Johnson, B. and Arguello, E. 2002. Human exposure to mercury in San Jorge river basin, Colombia (South America), *The Science and Total Environment*. 289: 41-47.
- Passos, C. J., Mergler, D., Gaspar, E., Morais, S., Lucotte, M., Larribe, F., Davidson, R. and Grosbois, S. 2003. Eating tropical fruit reduces mercury exposure from fish consumption in the Brazilian Amazon, *Environmental Research*. 93: 123-130.
- Peterle, T.J. 1991. *Wildlife Toxicology*. pp. 216-220. New York : Van Nostrand Reinhold.
- Rahman, L., Corns, W.T. ,Bryce, D.W. and Stockwell, P.B. 2000. Determination of mercury, selenium, bismuth, arsenic and antimony in human hair by microwave digestion atomic fluorescence spectrometry, *Talanta*. 52: 833-843.
- Rahola, T., Hattula, A., Korolainen, A. and Miettinen, J.K. 1973. Elimination of free and protein-bound ionic mercury  $^{203}\text{Hg}^{2+}$  in man, *Annals Clinic Research*. 5:234-241.
- Robinson, K.A. 1987. *Chemical Analysis*, pp. 196-197. Boston: Little Brow and Company.
- Saengsirinawin, C. and Pringsulaka, P. 1988. Mercury levels in urine and head hair of dental personnel, *The Journal of Dental Association of Thailand*. 38: 170-179.
- Salmela, S., Vuori, E. and Kilpio, J.O. 1981. The Effect of Washing Procedures on Trace Element Content of Human hair, *Analytica Chimica Acta*. 125: 131-137.

- Scarlett, LM., Gutenmann, WH. and Lisk, DJ. 1988. A study of mercury in the hair of dentists and dental-related professionals in 1985 and subcohort comparison of 1972 and 1985 mercury hair levels, *Journal. Toxicology Environment Health.* 25(3): 373-381.
- Schroeder, W.H. 1995. "Mercury". In Encyclopedia of analytical Science Vol. 5, pp. 3050-3070. Alan Tawnshend
- Sera, K., Futatsugawa, S. and Murao, S. 2002. Quantitative analysis of untreated hair samples for monitoring human exposure to heavy metals, *Nuclear Instruments and Method in Physic Research B.* 189: 174-179.
- Simkiss, K. and Taylor, M.G. 1995. Transport of metals across membrane, In Metal speciation and bioavailability in aquatic systems, pp.2-44. Tessier, A. and Turner, D.R. eds. New York: John Wiley & Sons Ltd.
- Skoog, D.A., West, D.M., and Holler, S.R. 2004. Fundamentals of Analytical Chemistry, 8<sup>th</sup> ed. Australia : Thomson Brooks/Cole. Inc.
- Soleo, L., Elia, G., Apostoli, P., Vimercati, L., Pesola, G., Gagliardi, T. Schiavulli, N., Drago, I., Lasorsa, G. and Russo, A. 1998. The influence of amalgam filling on urinary mercury excretion in subjects from Apulia (Southern Italy), *G Ital Med Lay Erg.* 20: 75-81.
- Takeuch, T., Hayashi, T. and Takada, J. 1982. Variation of elemental concentration in hair of the Japanese in term of age, sex and hair treatment, *Journal Radioanal Chemistry.* 70: 29-55.
- Taskinen, H., Kinnunen, E. and Riihim<sup>TM</sup>ki, V. 1989. A possible case of mercury-related toxicity from grinding of old amalgam restorations, *Scand Journal Work Environment Health.* 15: 302-304.
- Wasiak, W., Ciszewska, W. and Ciszewski, A. 1996. Hair analysis. Part 1: Differential pulse anodic stripping voltammetric determination of lead, cadmium, zinc and copper in human hair samples of persons in permanent contract with a polluted workplace environment, *Analytical Chimica Acta.* 335: 201-207.
- Wilhelm, M., Muller, F. and Idel, H. 1996. Biological monitoring of mercury vapour exposure by scalp hair analysis in comparison to blood and urine, *Toxicology letter.* 88: 221-226.

Coal Combustion Nuclear Resource or Danger, downloaded from website 16, March, 2006; <http://www.ornl.gov/info/ornlreview/rev26-34/text/colmain.html>.

Dentist the menace? The uncontrolled release of dental mercury, downloaded from website 7, March, 2002; <http://www.altcorp.com/dentalinformation/hgwastes.htm>.

Public Health Statement for Mercury, downloaded from website 5, July, 2002; [www.atsdr.cdc.gov/toxprofiles/phs46.html](http://www.atsdr.cdc.gov/toxprofiles/phs46.html).

What Patients don't know: Dentists' sweet tooth for mercury, downloaded from website 7, March, 2006; [www.Mercurypolicy.org/new/documents/whatpatientsdontknow.pdf](http://www.Mercurypolicy.org/new/documents/whatpatientsdontknow.pdf).