

BIBLIOGRAFIA

- 1- BURNATOWSKA-HLEDIN M.A., KAISER L., MAYOR G.H., "Aluminum, parathyroid hormone, and osteomalacia", *Spec.Top.Endocrinol.Metab.* 1983; 5: 201-226.
- 2- TZAMALOUKAS A.H., AGABA E.I., "Neurological manifestations of uraemia and chronic dialysis", *Niger.J.Med.* 2004 Apr-Jun; 13 (2): 98-105. Department of Medicine, University of New Mexico School of Medicine, Albuquerque, New Mexico, USA.
- 3- ALFREY A.C., LEGENDRE G.R., KAEHNY W.D., "The dialysis encephalopathy syndrome. Possible aluminum intoxication", *N. Engl. J. Med.*, 1976 Jan 22; 294 (4): 184-188.
- 4- Mc DERMOTT J.R. , SMITH A.I. , WARD M.K., PARKINSON I.S. , KERR D.N., "Brain-aluminium concentration in dialysis encephalopathy", *Lancet.* 1978 Apr 29; 1 (8070): 901-904.
- 5- ROB P.M., NIEDERSTADT C., REUSCHE E., "Dementia in patients undergoing long-term dialysis: aetiology, differential diagnoses, epidemiology and management", *CNS Drugs*, 2001; 15 (9): 691-699. Nephrologisches Zentrum am Klinikum Sud, Kalhhorststrasse 31, D-23552 Lubek, Germany.
- 6- ACKRILL P., DAY J.P., "Desferrioxamine in the treatment of aluminum overload", *Clin. Nephrol.* 1985; 24 Suppl 1: 94-97.
- 7- YOKEL R.A., ACKRILL P., BURGESS E. , DAY J.P., DOMINGO J.L. , FLATEN T.P., SAVORY J. , "Prevention and treatment of aluminum toxicity including chelation therapy: status and research needs", *J.Toxicol.Environ.Health* 1996 Aug 30; 48 (6): 667-683. College of Pharmacy, University of Kentucky Medical Center, Lexington 40536-0082, USA.
- 8- CRAPPER D.R., KRISHNAN S.S., DALTON A.J., "Brain aluminium distribution in Alzheimer's disease and experimental neurofibrillary degeneration", *Science.* 1973; 180: 511-513. Department of the Planet Earth, Inc., 701 E Street, Suite 200 , Washington, DC20003, USA.
- 9- JANSSON E.T., "Aluminum exposure and Alzheimer's disease", *J.Alzheimers Dis.* 2001 Dec; 3 (6): 541-549. Department of the Planet Earth, Inc., 701 E Street, SE, Suite 200 , Washington, DC20003, USA.
- 10- DARTIGUES J.F., GAGNON M., BARBERGER-GATEAU P., LETENNEUR L., COMMENGES D., SAUVEL C., MICHEL P., SALAMON R., "The Paquid epidemiological program on brain ageing", *Neuroepidemiology.* 1992; 11 Suppl. 1: 14-18. INSERM U330, Université de Bordeaux II, France.
- 11- MICHEL P., COMMENGES D., DARTIGUES J.F., GAGNON M. and Paquid Research Group, "Study on the relationship between Alzheimer's disease and aluminum in drinkingwater (abstract)", *Neurobiol. Aging.* 1990; 11: 264.
- 12- CHEN K.M., "Disappearance of ALS from Guam: implications for exogenous causes", (Japanese) *Rinsho Shinkeigaku* 1995 Dec; 35 (12): 1549-1553. Department of Neurology, Guam Memorial Hospital.
- 13- GAJDUSEK D.C. and SALAZAR A.M., "Amyotrophic lateral sclerosis and parkinsonian syndromes in high incidence among the Auya and Jakai people of West New Guinea", *Neurology.* 1982 Feb; 32 (2): 107-126.
- 14- GARRUTO R.M., GAJDUSEK D.C., CHEN K.M., "Amyotrophic lateral sclerosis among Chamorro migrants from Guam", *Ann.Neurol.* 1980 Dec; 8 (6): 612-619.
- 15- KONAGAYA M., KATO T., SAKAI M., KURU S., MATSUOKA Y., KONAGAYA Y. , HASHIZUME Y , TABIRA T. , "A clinical and pathological study of a Japanese case of Amyotrophic Lateral Sclerosis/Parkinsonism-Dementia Complex with family history", *J. Neurol.* 2003 Feb; 250 (2): 164-170. Department of Neurology, Suzuka National hospital, 3-2-1 Kasado, Suzuka, Mie 513-8501, Japan.
- 16- PERL D.P., GAJDUSEK D.C., GARRUTO R.M., YANAGIHARA R.T., GIBBS C.J.Jr., "Intraneuronal aluminum accumulation in amyotrophic lateral sclerosis and Parkinsonism-dementia of Guam", *Science.* 1982 Sep 10; 217(4564): 1053-1055.
- 17- GARRUTO R.M., SWYT C., FIORI C.E., YANAGIHARA R.T., GAJDUSEK D.C., "Intraneuronal deposition of calcium and aluminium in amyotrophic lateral sclerosis of Guam", *Lancet* 1985 Dec 14; 2 (8468): 1353.
- 18- PICCARDO P., YANAGIHARA R.T., GARRUTO R.M., GIBBS C.J.Jr., GAJDUSEK D.C. , "Histochemical and X-ray microanalytical localization of aluminum in amyotrophic lateral sclerosis and parkinsonism-dementia of Guam", *Acta Neuropathol. (Berl).* 1988; 77 (1): 1-4. Laboratory of Central Nervous System Studies, National Institutes of Health, Bethesda, MD 20892.

- 19- YASUI M. , YASE Y. , OTA K. , GARRUTO R.M., "Aluminum deposition in the central nervous system of patients with amyotrophic lateral sclerosis from the Kii Peninsula of Japan", *Neurotoxicology* 1991 Fall ; 12 (3) 615-620. Division of Neurological Diseases, Wakayama Medical College, Japan.
- 20- REED D.M., BRODY J.A., "Amyotrophic lateral sclerosis and parkinsonism-dementia on Guam, 1945-1972. I. Descriptive epidemiology", *Am.J.Epidemiol.* 1975 Apr 101 (4): 287-301.
- 21- YANAGIHARA R.T., GARRUTO R.M., GAJDUSEK D.C., "Epidemiological surveillance of amyotrophic lateral sclerosis and parkinsonism-dementia in the Commonwealth of the Northern Mariana Islands" *Ann.Neurol.* 1983 Jan 13 (1): 79-86.
- 22- PLATO C.C., GARRUTO R.M., FOX K.M., GAJDUSEK D.C., "Amyotrophic lateral sclerosis and parkinsonism-dementia on Guam: a 25-year prospective case-control study" *Am.J.Epidemiol.* 1986 Oct; 124 (4): 643-656.
- 23- OKUMURA H., "Epidemiological and clinical patterns of western pacific amyotrophic lateral sclerosis (ALS) in Guam and sporadic ALS in Rochester, Minnesota, U.S.A. and Hokkaido, Japan: a comparative study" *Hokkaido University Graduate School of Medicine, Sapporo 060-8638, Japan.*
- 24- GARRUTO R.M., YANAGIHARA R.T., GAJDUSEK D.C., "Disappearance of high-incidence amyotrophic lateral sclerosis and parkinsonism - dementia on Guam", *Neurology* 1985 Feb; 35 (2): 193-198.
- 25- PLATO C.C., GARRUTO R.M., GALASKO D., CRAIG U.K., PLATO M. GAMST A., TORRES J.M., WIEDERHOLT W., "Amyotrophic lateral sclerosis and parkinsonism-dementia complex of Guam: changing incidence rates during the past 60 years"; *Am.J.Epidemiol.* 2003 Jan 15; 157 (2): 149-157. Department of Neurosciences, University of California San Diego School of Medicine, La Jolla 92093-0624, USA.
- 26- GARRUTO R.M., SHANKAR S.K., YANAGIHARA R.T., SALAZAR A.M., AMYX H.L., GAJDUSEK D.C., "Low-calcium, high-aluminum diet-induced motor neuron pathology in cynomolgus monkeys" *Acta Neuropathol. (Berl.)* 1989; 78 (2): 210-219; Laboratory of Central Nervous System Studies, National Institute of Neurological Disorders and Stroke, Bethesda, MD 20892.
- 27- YASUI M., YASE Y., OTA K. GARRUTO R.M., "Evaluation of magnesium, calcium and aluminum metabolism in rats and monkeys maintained on calcium-deficient diets", *Neurotoxicology* 1991 Fall; 12 (3) 603-614. Division of Neurological Diseases, Wakayama Medical College, Japan.
- 28- YASE Y., "Amyotrophic lateral sclerosis-causative role of trace elements", *Japanese Nippon Rinsho* 1996 Jan 54 (1) 123-128. Research Center of Neurological Diseases, Kansai College of Oriental Medicine.
- 29- YASUI M., OTA K., "Aluminum decreases the magnesium concentration of spinal cord and trabecular bone in rats fed a low calcium, high aluminum diet", *J.Neurol.Sci.* 1998 Apr 15; 157 (1): 37-41. Division of Neurological Diseases, Wakayama Medical College, Japan.
- 30- PERL D.P., BRODY A.R., "Alzheimer's disease: X-ray spectrometric evidence of aluminum accumulation in neurofibrillary tangle-bearing neurons", *Science* 1980 Apr 18; 208 (4441): 297-299.
- 31- PERL D.P., "Relationship of aluminum to Alzheimer's disease", *Environ. Health Perspect*, 1985 Nov; 63: 149-153.
- 32- PENDLEBURY W.W., BEAL M.F., KOWALL N.W. and SOLOMON P.R., "Results of immunocytochemical, neurochemical, and behavioral studies in aluminum-induced neurofilamentous de generation", *J. Neural. Transm. Suppl.* 1987; 24: 213-217. Department of Pathology, University of Vermont, College of Medicine, Burlington.
- 33- ZATTA P., GIORDANO R., CORAIN B., BOMBI G.G., "Alzheimer dementia and the aluminum hypothesis", *Med. Hypotheses* 1988 Jun; 26 (2): 139-142. Centro C.N.R. Emocianine, Padova, Italy.
- 34- FORBES W.F., AGWANI N., "A suggested mechanism for aluminum biotoxicity" *J.Theor.Biol.* 1994 Nov 21; 171 (2): 207-214. Statistics Canada, Health Statistics Division, Ottawa, Ontario.
- 35- YOKEL R.A., "The toxicology of aluminum in the brain: a review", *Neurotoxicology*, 2000 Oct; 21 (5): 813-828. College of Pharmacy and Graduate Center for Toxicology, University of Kentucky Medical Center, Lexington, USA.
- 36- SCHMIDT M.L., ZHUKAVERA V., PERL D.P., SHERIDAN S.K., SCHUCK T., LEE V.M., TROJANOWSKI J.Q., "Spinal cord neurofibrillary pathology in Alzheimer disease and Guam Parkinsonism - dementia complex", *J.Neuropathol. Exp. Neurol* 2001 Nov; 60 (11): 1075-1086. Center for Neurodegenerative Disease Research, University of Pennsylvania, Philadelphia 19104-4283, USA.
- 37- SUAREZ-FERNANDEZ M.B., SOLDADO A.B., SANZ-MEDEL A., VEGA J.A., NOVELLI A., FERNANDEZ-SANCHEZ M.T., "Aluminum-induced degeneration of astrocytes occurs via apoptosis and results in neuronal

- death", *Brain Res.* 1999 Jul 24; 835 (2): 125-136. Department of Biochemistry and Molecular Biology, Faculty of Medicine, University of Oviedo, 33071, Oviedo, Spain.
- 38- THEISS C., MELLER K., "Aluminum impairs gap junctional intercellular communication between astroglial cells in vitro", *Cell.Tissue Res.* 2002 Nov; 310 (2): 143-154. Institut für anatomie, Abteilung für Cytologie, Medizinische Fakultät, Ruhr-Universität Bochum, Universitätsstrasse, 150, 44780 Bochum, Germany.
- 39- DELONCLE R., HUGUET F., FERNANDEZ B., QUELLARD N., BABIN P., GUILLARD O., "Ultrastructural study of rat hippocampus after chronic administration of aluminum L-glutamate: an acceleration of the aging process", Center for Study and Research on Xenobiotics, UPRES EA 1223, Poitiers University Hospital, 34, rue du Jardin des Plantes, BP 199, 86005 Cedex, Poitiers, France.
- 40- OTT S.M. "Aluminum accumulation in individuals with normal renal function", *Am. J. Kidney Dis.* 1985 Nov; 6 (5): 297-301.
- 41- ANDRESS D. L., KOPP J.B., MALONEY N.A., COBURN J.W., SHERRARD D.J., "Early deposition of aluminum in bone in diabetic patients on hemodialysis", *N. Engl. J. Med.* 1987 Feb 5; 316 (6): 292-296.
- 42- MORRIS C. M., CANDY J. M., OAKLEY A. E., TAYLOR G. A., MOUNTFORT S., BISHOP H., WARD M.K., BLOXHAM C. A., EDWARDSON J. A., "Comparison of the regional distribution of transferrin receptors and aluminium in the forebrain of chronic renal dialysis patients", *J. Neurol. Sci.* 1989 Dec; 94 (1-3): 295-306. M.R.C. Neurochemical Pathology Unit, Newcastle upon Tyne, U.K.
- 43- FERNANDEZ I., FERNANDEZ J. L., RODRIGUEZ R., SANZ-MEDEL A., CANNATA J. B., "Influence of the degree of saturation of iron stores on the gastrointestinal absorption of aluminum", (Article in Spanish) *Rev. Esp. Fisiol.* 1989 Mar; 45 (1): 33-39. Unidad de Investigacion, Hospital General de Asturias, Universidad de Oviedo, Espana.
- 44- CANNATA J. B., GOMEZ ALONSO C., FERNANDEZ MENENDEZ M. J., FERNANDEZ SOTO I., Mc GREGOR S., MENENDEZ-FRAGA P., BROCK J. H., "Iron uptake in aluminium overload: in vivo and in vitro studies", *Nephrol. Dial. Transplant.* 1991; 6 (9): 637-642. Bone and Mineral Research Unit, Hospital General de Asturias, Universidad de Oviedo, Spain.
- 45- CANNATA J. B., OLAIZOLA I. R., GOMEZ-ALONSO C., MENENDEZ-FRAGA P., ALONSO-SUAREZ M., DIAZ-LOPEZ J. B., "Serum aluminum transport and aluminum uptake in chronic renal failure: role of iron and aluminum metabolism", *Nephron.* 1993; 65 (1): 141-146. Bone and Mineral Research Unit, Hospital General de Asturias, Universidad de Oviedo, Spain.
- 46- GOLUB M.S., HAN B., KEEN C.L., "Aluminum uptake and effects on transferrin mediated iron uptake in primary cultures of rat neurons, astrocytes and oligodendrocytes", *Neurotoxicology.* 1999 Dec; 20 (6): 961-970. Department of Internal Medicine, University of California, Davis, 95616, USA.
- 47- SPENCER H., KRAMER L., NORRIS C., WIATROWSKI E., "Effect of aluminium hydroxyde on fluoride metabolism", *Clin. Pharmacol. Ther.* 1980 Oct; 28 (4): 529-535.
- 48- AHN H.W., FULTON B., MOXON D., JEFFERY E.H., "Interactive effects of fluoride and aluminum uptake and accumulation in bones of rabbits administered both agents in their drinking water", *J. Toxicol. Environ. Health* 1995 Mar; 44 (3): 337-350. Institute for Environmental Studies, University of Illinois, Urbana 61801.
- 49- SMITH D.R., CHANG B.S., JOHNSON C.E., "Aluminum hydroxyde: evaluation of two dosage forms and two dosing schedules in reducing intestinal phosphate absorption", *Am. J. Hosp. Pharm.* 1978 Jan; 35 (1): 58-61.
- 50- SPENCER H., KRAMER L., NORRIS C., OSIS D., "Effect of small doses of aluminum-containing antacids on calcium and phosphorus metabolism", *Am. J. Clin. Nutr.* 1982 Jul; 36 (1) 32-40.
- 51- MARTIN R.B., "Aluminium speciation in biology", *Ciba Found Symp.* 1992; 169: 5-18. Chemistry Department, University of Virginia, Charlottesville 22903.
- 52- MAHIEU S.T., NAVONI J., MILLEN N., DEL CARMEN CONTINI M., GONZALEZ M., ELIAS M.M., "Effects of aluminum on phosphate metabolism in rats: a possible interaction with vitamin D 3 renal production", *Arch. Toxicol.* 2004 Jun 18 (Epub ahead of print) *Fisiologia Humana*, Facultad de bioquímica y Ciencias Biológicas, Universidad Nacional del Litoral, Paraje El Pozo, 3000, Santa Fe, Argentina.
- 53- LEVINE S.N., SONNIER G.B., ABREO K., "Effect of diabetes mellitus and aluminium toxicity on myocardial calcium transport", *Toxicology.* 1990 Dec 17; 65 (1-2): 137-148. Department of Medicine, Louisiana State University Medical Center, Shreveport 71130.
- 54- VAN DER VOET G.B., DE WOLFF F.A., "Intestinal absorption of aluminum: effect of sodium and calcium", *Arch.Toxicol.* 1998; 72 (2): 110-114. Toxicology Laboratory, Leiden University Medical Centre, The Netherlands.

- 55- GANDOLFI L., STELLA M.P., ZAMBENEDETTI P., ZATTA P., "Aluminum alters intracellular calcium homeostasis in vitro", *Biochim. Biophys. Acta.* 1998 Apr 28; 1406 (3): 315-320. Dipartimento di Scienze Farmaceutiche, Università di Padova, Italy.
- 56- WIEGMANN T.B., DAY H.D., PATAK R.V., "Intestinal absorption and secretion of radioactive vanadium ($^{48}\text{VO}_3$) in rats and effect of $\text{Al}(\text{OH})_3$.", *J. Toxicol. Environ. Health.* 1982 Aug; 10 (2): 233-245.
- 57- FULTON B., JAW S., JEFFERY E.H., "Bioavailability of aluminum from drinking water", *Fundam. Appl. Toxicol.* 1989 Jan; 12 (1): 144-150. Division of Nutritional Sciences, University of Illinois, Urbana 61801.
- 58- BIRCHALL J.D., CHAPPELL J.S., "The chemistry of aluminum and silicon in relation to Alzheimer's disease", *Clin. Chem.* 1988 Feb; 34 (2): 265-267. Imperial Chemical Industries Plc, Cheshire, U.K.
- 59- BIRCHALL J.D., "The interrelationship between silicon and aluminium in the biological effects of aluminium", *Ciba Found Symp.* 1992; 169: 50-61. ICI PLC, Runcorn, Cheshire, U.K.
- 60- BOHRER D., DO NASCIMENTO P.C., MENDONCA J.K., POLLI V.G., DE CARVALHO L.M., "Interaction of aluminium ions with some amino acids present in human blood", *Amino Acids* 2004 Aug; 27 (1): 75-83.
- 61- FERRETTI G., MARCHIONNI C., BACCHETTI T., GALEAZZI T., DOUSSET N., "Effect of aluminium on lipid peroxidation of human high density lipoproteins", *Free Radic. Res.* 2003 May; 37 (5): 515-521 Institute of Biochemistry, Faculty of Medicine, University of Ancona, Via Ranieri, 1-60131, Ancona, Italy.
- 62- ZATTA P., LAIN E., CAGNOLINI C., "Effects of aluminum on activity of krebs cycle enzymes and glutamate dehydrogenase in rat brain homogenate", *Eur. J. Biochem.* 2000 May; 267 (10): 3049-3055. CNR Center on Metalloproteins, and Department of Pharmacological Sciences, University of Padova, Italy.
- 63- TONINELLO A., CLARI G., MANCON M., TOGNON G., ZATTA P., "Aluminum as an inducer of the mitochondrial permeability transition", *J. Biol. Inorg. Chem.* 2000 Oct; 5 (5): 612-623. Dipartimento di Chimica Biologica, Università di Padova, Centro di Studio delle Biomembrane del CNR, Italy.
- 64- RIFAT S.L., EASTWOOD M.R., Mc LACHLAN D.R., COREY P.N., "Effect of exposure of miners to aluminium powder", *Lancet.* 1990 Nov.10, 336 (8724): 1162-1165. Department of Psychiatry, University of Toronto, Canada.
- 65- HE S.C., QIAO N., SHENG W., "Neurobehavioral, autonomic nervous function and lymphocyte subsets among aluminum electrolytic workers", *Int. J. Immunopathol. Pharmacol.* 2003 May-Aug; 16 (2): 139-144. Department of Occupational and Environment Health, Peking University, Health Science Center, Beijing, P R China.
- 66- VOISIN C., FISEKCI F., BUCLEZ B., DIDIER A., COUSTE B., BASTIEN F., BROCHARD P., PAIRON J.C., "Mineralogic analysis of the respiratory tract in aluminium oxide-exposed workers", *Eur.Respir.J.* 1996 Sep; 9 (9): 1874-1879. Laboratoire d'Etude des Particules inhalées, Paris, France.
- 67- JEDERLINIC P.J., ABRAHAM J.L., CHURG A., HIMMELSTEIN J.S., EPLER G.R., GAENSLER E.A. , "Pulmonary fibrosis in aluminum oxide workers, with pathologic examination and microanalysis in three of them", *Am. Rev. Respir. Dis.* 1990 Nov; 142 (5): 1179-1184. Pulmonary and Critical Care Medicine Division, University of Massachusetts Medical Center, Worcester 01655.
- 68- SINCZUK-WALCZAK H., SZYMCZAK M., RAZNIEWSKA G., MATCZAK W., SZYMCZAK W., "Effects of occupational exposure to aluminum on nervous system: clinical and electroencephalographic findings", *Int. J. Occup. Med. Environ. Health.* 2003; 16 (4): 301-310. Outpatient Clinic of Occupational Diseases, Nofer Institute of Occupational Medicine, Lodz, Poland.
- 69- PERL D.P., GOOD P.F., "Uptake of aluminium into central nervous system along nasal-olfactory pathways", *Lancet.* 1987 May 2; 1 (8540): 1028.
- 70- TJALVE H., HENRIKSSON J., "Uptake of metals in the brain via olfactory pathways", *Neurotoxicology.* 1999 Apr-Jun; 20 (2-3): 181-195. Department of Pharmacology and Toxicology, Faculty of Veterinary Medicine, Swedish University of Agricultural Sciences, Uppsala, Sweden.
- 71- ABDER-RAHMAN H., "Effect of aluminum phosphide on blood glucose level", *Vet.Hum.Toxicol.* 1999 Feb; 41 (1): 31-32. Forensic Medicine and Pathology Department, Faculty of Medicine, University of Jordan, Amman, Jordan.
- 72- SINGH G.P., "Mortality in acute aluminium phosphide poisoning having hypomagnesaemia with and without ECG changes", *J. Indian Med. Assoc.* 2000 Aug; 98 (8): 446.
- 73- SIWACH S.B., SINGH H., JAGDISH, KATYAL V.K., BHARDWAJ G., "Cardiac arrhythmias in aluminium phosphide poisoning studied by on continuous holter and cardioscopic monitoring" *J. Assoc. Physicians India* 1998 Jul; 46 (7): 598-601. Department of Medicine, Pt. BDS PGIMS, Rohtak, Haryana, India.

- 74- ABDER-RAHMAN H., BATTAH A.H., IBRAHEEM Y.M., SHOMAF M.S., EL-BATAINCH N., "Aluminum phosphide fatalities, new local experience", *Med. Sci. Law* 2000 Apr; 40 (2): 164-168. Faculty of Medicine, University of Jordan, Amman, Jordan.
- 75- ANGER F., PAYSAN F., BROUSSE F., LE NORMAND I., DEVELAY P., GAILLARD Y., BAERT A., LE GUEUT M.A., PEPIN G., ANGER J.P., "Fatal aluminum phosphide poisoning", *J. Anal. Toxicol.* 2000 Mar; 24 (2): 90-92. Laboratoire de Toxicologie Pharmaceutique, U.F.R. des Sciences Médicales et Pharmaceutiques, Rennes, France.
- 76- GRAVES A.B., WHITE E., KOEPESELL T.D., REFLER B.V., BELL G.V., LANSON E.B., "The association between aluminum containing products and Alzheimer's disease", *J. Clin. Epidemiol.* 1990 43: 35-44. Battelle Seattle Research Center Seattle, WA 98105.
- 77- LIONE A., "Aluminum toxicology and the aluminum-containing medications", *Pharmacol. Ther.* 1985; 29 (2): 155-285.
- 78- LIONE A., "Aluminum intake from non-prescription drugs and sucralfate", *Gen. Pharmacol.* 1985; 16 (3): 223-228.
- 79- SHOSKES D.A., RADZINSKI C.A., STRUTHERS N.W., HONEY R.J., "Aluminum toxicity and death following intravesical alum irrigation in a patient with renal impairment", *J. Urol.* 1992 Mar; 147 (3): 697-699. Division of Urology, St. Michael's Hospital, University of Toronto, Ontario, Canada.
- 80- PHELPS K.R., NAYLOR K., BRIEN T.P., WILBUR H., HAQQIE S.S., "Encephalopathy after bladder irrigation with alum: case report and literature review", *Am. J. Med. Sci.* 1999 Sep; 318 (3): 181-185. Medical, Laboratory Medicine, and Surgical Services, Stratton Department of Veterans Affairs Medical Center, and Albany Medical College, New York 12208, USA.
- 81- ZAFFE D., BERTOLDI C., CONSOLO U., "Accumulation of aluminium in lamellar bone after implantation of titanium plates, Ti-6Al-4V screws, hydroxyapatite granules", *Biomaterials* 2004 Aug; 25 (17): 3837-3844.
- 82- PENNINGTON J.A., "Aluminium content of foods and diets", *Food Addit. Contam.* 1988 Apr-Jun; 5 (2): 161-232. Center for Food Safety and Applied Nutrition, Food and Drug Administration, Washington, DC.
- 83- WONG M.H., FUNG K.F., CARR H.P., "Aluminium and fluoride contents of tea, with emphasis on brick tea and their health implications", *Toxicol. Lett.* 2003 Jan 31; 137 (1-2): 111-120. Department of Biology, Institute for natural Resources and Environmental Management, Hong Kong Baptist University, Kowloon, Hong Kong.
- 84- HAYACIBARA M.F., QUEIROZ C.S., TABCHOURY C.P., CURY J.A., "Fluoride and aluminum in teas and tea-based beverages", *Rev.Saude Publica.* 2004 Feb; 38 (1): 100-105. Departamento de Ciencias Fisiologicas, Faculdade de Odontologia de Piracicaba, Universidade Estadual de Campinas, Piracicaba, SP, Brazil.
- 85- FUNG K.F., ZHANG Z.Q., WONG J.W., WONG M.H., "Aluminium and fluoride concentrations of three tea varieties growing at Lantau Island, Hong Kong", *Environ. Geochem. Health* 2003 Jun; 25 (2): 219-232. Institute for natural Resources and Environmental Management, Department of Biology, 224 Waterloo Road, Hong Kong Baptist University, Kowloon Tong, Hong Kong, People's Republic of China.
- 86- SHU W.S., ZHANG Z.Q., LAN C.Y., WONG M.H., "Fluoride and aluminium concentrations of tea plants and tea products from Sichuan Province, PR China", *Chemosphere* 2003 Sep; 52 (9): 1475-1482. State Key Laboratory for Bio-control, School of Life Sciences, Zhongshan University, Guangzhou 510275, People's Republic of China.
- 87- KOCH K.R., POUAGNET M.A., de VILLIERS S., MONTEAGUDO F., "Increased urinary excretion of Al after drinking tea", *Nature* 1988 May 12; 333 (6169): 122.
- 88- PENNINGTON J.A., SCHOEN S.A., "Estimates of dietary exposure to aluminium". *Food Addit. Contam.* 1995 Jan-Feb; 12 (1): 119-128. Food and Drug Administration, Center for Food Safety and Applied Nutrition, Washington, DC 20204, USA.
- 89- WANG J., "Current researches on biological effect of aluminum", (Chinese) *Wei Sheng Yan Jiu* 2002 Aug; 31 (4): 320-322. College of Public Health, Fudan University, Shanghai 200032, China.
- 90- SANTE CANADA, Sous-comité provincial sur l'eau potable, "L'aluminium dans l'eau potable", Document pour consultation publique. Décembre 1996.
- 91- Organisation mondiale de la santé (OMS), "Guidelines for Drinking-Water Quality, 2nd edition, addendum to volume 1-Recommendations", WHO, Geneva, 1998.
- 92- ALLAIN P., MAURAS Y., KRARI N., DUCHIER J., COURNOT A., LARCHEVEQUE J., "Plasma and urine aluminium concentrations in healthy subjects after administration of sucralfate", *Br. J. Clin. Pharmacol.* 1990 Apr; 29 (4): 391-395.

- 93- HARAM E.M., WEBERG R., BERSTAD A., "Urinary excretion of aluminium after ingestion of scalfate and a aluminium-containing antacid in man", *Scan. J. Gastroenterol.* 1987 Jun; 22 (5) 615-618.
- 94- WINTERBERG B., BERTRAM H., ROLF N., ROEDIG M., KISTERS K., REMMERS S., SPIEKER C., ZUMKLEY H., "Differences in plasma and tissue aluminum concentrations due to different aluminum-containing drugs in patients with renal insufficiency and with normal renal function", *J. Trace Elem. Electrolytes Health Dis.* 1987 Dec; 1 (2) 69-72. *Medizinische Poliklinik, Universitat Munster, Rep. Of Germany.*
- 95- LIONE A., ALLEN P.V., SMITH J.C., "Aluminium coffee percolators as a source of dietary aluminium", *Food Chem. Toxicol.* 1984 Apr; 22 (4): 265-268.
- 96- FROMENT D.P., MOLITORIS B.A., BUDDINGTON B., MILLER N., ALFREY A.C., "Site and mechanism of enhanced gastrointestinal absorption of aluminum by citrate", *Kidney Int.* 1989 Dec; 36 (6): 978-984. *Department of Medicine, Veterans Administration Medical Center, Denver, Colorado.*
- 97- REIBER S., KUKULL W., STANDISH-LEE P., "Drinking water aluminum and bioavailability", *J. Am. Water Works Assoc.* 1995; 88: 86-99.
- 98- DOMINGO J.L., GOMEZ M., LLOBET J.M., CORBELLA J., "Influence of some dietary constituents on aluminum absorption and retention in rats", *Kidney Int.* 1991 Apr; 39 (4): 598-601. *Laboratory of Toxicology and Biochemistry, School of Medicine, University of Barcelona.*
- 99- DOMINGO J.L., GOMEZ M., LLOBET J.M., CORBELLA J., "Effect of various dietary constituents on gastrointestinal absorption of aluminum from drinking water and diet", *Res. Commun. Chem. Pathol. Pharmacol.* 1993 Mar; 79 (3): 377-380. *Laboratory of Toxicology and Biochemistry, School of Medicine, University of Barcelona.*
- 100- SLANINA P., FALKEBORN Y., FRECH W., CEDERGREN A., "Aluminium concentrations in the brain and bone of rats fed citric acid, aluminium citrate or aluminium hydroxyde", *Food Chem. Toxicol.* 1984 May; 22 (5): 391-397.
- 101- SLANINA P., FRECH W., EKSTROM L.G., LOOF L., SLORACH S., CEDERGREN A., "Dietary citric acid enhances absorption of aluminum in antacids", *Clin. Chem.* 1986 Mar; 32 (3): 539-541.
- 102- KIRSCHBAUM B.B., SCHOOLWERTH A.C., "Acute aluminium toxicity associated with oral citrate and aluminum-containing antacids", *Am. J. Med. Sci.* 1989 Jan; 297 (1): 9-11. *Department of Medicine, Medical College of Virginia, Richmond 23298-0160.*
- 103- PRIEST N.D., TALBOT R.J., AUSTIN J.G., DAY J.P., KING S.J., FIFIELD K., CRESSWELL R.G., "The bioavailability of ²⁶Al-labelled aluminium citrate and aluminium hydroxyde in volunteers", *Biometals* 1996 Jul; 9 (3): 221-228. *AEA Technology, Harwell, Oxfordshire U.K.*
- 104- DOMINGO J.L., GOMEZ M., LLOBET J.M., RICHARD C., "Effect of ascorbic acid on gastrointestinal aluminium absorption", *Lancet* 1991 Dec 7; 338 (8780): 1467.
- 105- VENTURINI-SORIANO M., BERTHON G., "Aluminum speciation studies in biological fluids. Part 7. A quantitative investigation of aluminum (III)-malate complex equilibria and their potential implications for aluminum metabolism and toxicity", *J.Inorg.Biochem.* 2001 Jun; 85 (2-3): 143-154. *Equipe de Chimie Bioinorganique Médicale, ICMPS-CNRS FR 1744, Université Paul Sabatier, 118, route de Narbonne (Bat. 3SC), 31062 Toulouse, France.*
- 106- WEBERG R., BERSTAD A., "Gastrointestinal absorption of aluminium from single doses of aluminium containing antacids", *Eur. J. Clin. Invest.* 1986 Oct; 16 (5): 428-432.
- 107- MARTIN R.B., "The chemistry of aluminum as related to biology and medicine", *Clin. Chem.* 1986 Oct; 32 (10) 1797-1806.
- 108- WICKLUND G., SPAREN A., DANIELSSON L.G., HAEGGLAND G. and JORHEM L., "Bioavailability of labile aluminium in acidic drinking water; a study in the rat", *Food Chem. Toxicol.* 1995 May; 33 (5) : 403-408. *Swedish National Food Administration, Uppsala.*
- 109- EDWARDSON J.A., MOORE P.B., FERRIER I.N., LILLEY J.S., NEWTON G.W., BARKER J., TEMPLAR J., DAY J.P., "Effect of silicon on gastrointestinal absorption of aluminium", *Lancet* 1993 Jul 31; 342 (7): 211-212. *MRC Neurochemical Pathology Unit, Newcastle General Hospital, Newcastle upon Tyne, U.K.*
- 110- DAY J.P., BARKER J., EVANS L.J.A., PERKS J., SEABRIGHT P.J., ACKRILL P., LILLEY J.S., DRUMM P.V. and NEWTON G.V.A., "Aluminum absorption studied by Al-26 tracer", *Lancet* 1991 Jun 1; 337 (8753): 1345.
- 111- WILLS M.R. and SAVORY J., "Water content of aluminum, dialysis dementia, and osteomalacia" *Environ. Health Perspect.* 1985 Nov; 63: 141-147.

- 112- WILLS M.R. and SAVORY J., "Aluminum and chronic renal failure: sources, absorption, transport, and toxicity", *Crit. Rev. Clin. Lab. Sci.* 1989; 27 (1) 59-107. Department of Pathology and Internal Medicine, University of Virginia Health Sciences Center, Charlottesville.
- 113- ITTEL T.H., GLADZIWA U., MUCK W., SIEBERTH H.G., "Hyperaluminemia in critically ill patients: role of antacid therapy and impaired renal function", *Eur. J. Clin. Invest.* 1991 Feb; 21(1): 96-102. Department of Internal Medicine II, R.W.T.H., Aachen FRG.
- 114- ALFREY A.C., "Aluminum toxicity in patients with chronic renal failure", *Ther. Drug Monit.* 1993 Dec; 15 (6): 593-597. Renal Section, Denver Veterans Administration Hospital, Colorado 80220.
- 115- ITTEL T.H., STEINHAUSEN C., KISLINGER G., KINZEL S., NOLTE E., SIEBERTH H.G., "Ultrasensitive analysis of the intestinal absorption and compartmentalization of aluminium in uraemic rats: a ²⁶Al tracer study employing accelerator mass spectrometry", *Nephrol. Dial. Transplant.* 1997 Jul; 12 (7): 1369-1375. Department of Internal Medicine II, R.W.T.H., Aachen, Germany.
- 116- MAGNUSSON M., MAGNUSSON K.E., SUNDQVIST T. and DENNEBERG T., "Impaired intestinal barrier function measured by differently sized polyethylene glycols in patients with chronic renal failure", *Gut* 1991; 32 (7): 754-759.
- 117- MOORE P.B., DAY J.P., TAYLOR G.A., FERRIER I.N., FIFIELD L.K., EDWARDSON J.A., "Absorption of aluminium-26 in Alzheimer's disease, measured using accelerator mass spectrometry", *Dement. Geriatr. Cogn. Disord.* 2000 Mar-Apr; 11 (2): 66-69. MRC Neurochemical Pathology Unit, Newcastle General Hospital, Newcastle upon Tyne, U.K.
- 118- MOORE P.B., EDWARDSON J.A., FERRIER I.N., TAYLOR G.A., LETT D., TYRER S.P., DAY J.P., KING S.J., LILLEY J.S., "Gastrointestinal absorption of aluminum is increased in Down's syndrome", *Biol. Psychiatry* 1997 Feb 15; 41 (4): 488-492. Department of Psychiatry, South Tyneside District General Hospital, South Shields, U.K.
- 119- GROSSMAN A., KUKULL W.A., JINNEMAN J.C., BIRD T.D., VILLACRES E.C., LARSON E.B., RABINOVITCH P.S., "Intracellular calcium response is reduced in CD4+ lymphocytes in Alzheimer's disease and in older persons with Down's syndrome", *Neurobiol. Aging* 1993 Mar-Apr; 14 (2): 177-185. Department of Pathology, University of Washington, Seattle 98195.
- 120- GOLUB M.S., DOMINGO J.L., "What we know and what we need to know about developmental aluminum toxicity", *J. Toxicol. Environ. Health* 1996 Aug 30; 48 (6): 585-597. Department of Internal Medicine, University of California, Davis 95616, USA.
- 121- SIMMER K., FUDGE A., TEUBNER J., JAMES S.L., "Aluminum concentrations in infant formulae", *J. Paediatr. Child Health* 1990 Feb; 26 (1): 9-11. Department of Paediatrics, Flinders Medical Centre, Australia.
- 122- NAVARRO-BLASCO I., ALVAREZ-GALINDO J.I., "Aluminium content of Spanish infant formula", *Food Addit. Contam.* 2003 May; 20 (5): 470-481. Department of Chemistry, Faculty of Sciences, University of Navarra, Pamplona, Spain.
- 123- CHELID F., FUDGE A., TEUBNER J., JAMES S.L., SIMMER K., "Aluminium absorption in infancy", *J. Paediatr. Child Health*, 1991 Jun; 27 (3): 164-166. Department of Paediatrics, Flinders Medical Centre, Bedford Park, South Australia.
- 124- BOZYNSKI M.E., SEDMAN A.B., NAGLIE R.A., WRIGHT E.J., "Serial plasma and urinary aluminum levels and tissue loading in preterm twins", *J. Parenter. Enteral Nutr.* 1989 Jul-Aug; 13 (4): 428-431. University of Michigan Medical Center, Department of Pediatrics, Ann Arbor.
- 125- BISHOP N.J., MORLEY R., DAY J.P., LUCAS A., "Aluminum neurotoxicity in preterm infants receiving intravenous-feeding solutions", *N. Engl. J. Med.* 1997 May 29; 336 (22): 1557-1561. Medical Research Council (MRC) Dunn Nutrition Unit, Cambridge, U.K.
- 126- ADVENIER E., LANDRY C., COLOMB V., COGNON C., PRADEAU D., FLORENT M., GOULET O., RICOUR C., CORRIOL O., "Aluminum contamination of parenteral nutrition and aluminum loading in children on long-term parenteral nutrition", *J. Pediatr. Gastroenterol. Nutr.* 2003 Apr; 36 (4): 448-453.
- 127- MEIRI H., BANIN E., ROLL M., "Aluminum ingestion: is it related to dementia?", *Rev. Environ. Health* 1991 Oct-Dec; 9 (4) 191-205. Department of Physiology, Hebrew University-Hadassah Medical School, Jerusalem, Israel.
- 128- ALTMANN P., AL-SALIHI F., BUTTER K., CUTLER P., BLAIR J., LEEMING R., CUNNINGHAM J., MARSH F., "Serum aluminum levels and erythrocyte dihydropteridine reductase activity in patients on hemodialysis", *N. Engl. J. Med.* 1987 Jul 9; 317 (2): 80-84.

- 129- BARTON H.J., ZACHWIEJA Z., FOLTA M., JANUSZ-GRZYBOWSKA E., STOMPOR T., SULOWICZ W., BRZEZICKA M., "Pilot study of aluminum plasma level in healthy subjects in Poland", (Polish) *Przegl. Lek.* 2003; 60 Suppl 6: 111-114. Zaklad Bromatologii, Collegium Medicum, Uniwersytet Jagiellonski, Krakow.
- 130- GARNIER R., "Consultations médicales: Neurotoxicité de l'aluminium", *Le Concours Médical* 22 février 1997; 119 (7): 474-475.
- 131- MARTIN R.B., "Citrate binding of Al³⁺ and Fe³⁺", *J. Inorg. Biochem.* 1986 Oct-Nov; 28 (2-3): 181-187.
- 132- MARTIN R.B., SAVORY J., BROWN S., BERTHOLF R.L., WILLS M.R., "Transferrin binding of Al³⁺ and Fe³⁺", *Clin. Chem.* 1987 Mar; 33 (3): 405-407.
- 133- FATEMI S.J.A., KADIR F.H.A., MOORE G.R., "Aluminum transport in blood serum", *Biochem. J.* 1991 Dec 1; 280 (Pt2): 527-532; 280: 527-532. Centre for Metalloprotein Spectroscopy and Biology, School of chemical Sciences, University of East Anglia, Norwich, U.K.
- 134- MAHIEU S., DEL CARMEN CONTINI M., GONZALEZ M., MILLEN N., ELIAS M.M., "Aluminum toxicity. Hematological effects", *Toxicol. Lett.* 2000 Jan 5; 111 (3): 235-242. Catedra de Fisiologia Humana, Facultad de Bioquímica y de Ciencias Biológicas, Universidad Nacional del Litoral, Ciudad Universitaria, Santa Fe, Argentina.
- 135- GONZALEZ-REVALDERIA J., CASARES M., DE PAULA M., PASCUAL T., GINER V., MIRAVALLES E., "Biochemical and hematological changes in low-level aluminum intoxication", *Clin. Chem. Lab. Med.* 2000 Mar; 38 (3): 221-225.
- 136- SUWALSKY M., UNGERER B., VILLENA F., NORRIS B., CARDENAS H., ZATTA P., "Effects of AlCl₃ on toad skin, human erythrocytes, and model cell membranes", *Brain Res.Bull.* 2001 May 15; 55 (2): 205-210. Faculty of Chemical Sciences, University of Concepcion, Concepcion, Chile.
- 137- VITTORI D., NESSE A., PEREZ G., GARBOSSA G., "Morphologic and functional alterations of erythroid cells induced by long-term ingestion of aluminium", *J. Inorg. Biochem.* 1999 Aug 30; 76 (2): 113-120. Departamento de Química Biológica, Facultad de Ciencias Exactas y Naturales, Universidad de Buenos Aires, Argentina.
- 138- ALFREY A.C., "Gastrointestinal absorption of aluminium", *Clin. Nephrol.* 1985; 24 Suppl. 1 : 84-87.
- 139- PARRY R., PLOWMAN D., DELVES H.T., ROBERTS N.B., BIRCHALL J.D., BELLIA J.P., DAVENPORT A., AHMAD R., FAHAL I., ALTMANN P., "Silicon and aluminium interactions in haemodialysis patients", *Nephrol. Dial. Transplant.* 1998 Jul; 13 (7): 1759-1762. Wessex Renal & Transplant Unit, St Mary's Hospital, Portsmouth, U.K.
- 140- BELLIA J.P., BIRCHALL J.D., ROBERTS N.B., "The role of silicic acid in the renal excretion of aluminium", *Ann.Clin. Lab. Sci.* 1996 May-Jun; 26 (3): 227-233. Clinical Chemistry Department, Royal Liverpool University Hospital, U.K.
- 141- BANKS W.A., KASTIN A.J., "Aluminum alters the permeability of the blood-brain barrier to some non-peptides", *Neuropharmacology* 1985 May; 24 (5): 407-412.
- 142- BANKS W.A., KASTIN A.J., FASOLD M.B. Differential effect of aluminum on the blood-brain barrier transport of peptides, technetium and albumin", *J. Pharmacol. Exp. Ther.* 1988 Feb; 244 (2): 579-585. Veterans Administration Medical Center, New Orleans, Louisiana.
- 143- ZHENG W., "Neurotoxicity of the brain barrier system: new implications", *J. Toxicol. Clin. Toxicol.* 2001; 39 (7): 711-719. College of Physicians and Surgeons, Columbia University, New York, New York 10032, USA.
- 144- KUCUK M., KALAYCI R.B., CEVIK A., ELMAS I., KAYA M., "Effect of aluminum on the blood-brain barrier permeability in acute and chronically hyperglycemic rats", *Biol. Trace Elem. Res.* 2001 May; 80 (2): 181-189. Department of Physiology of Istanbul Medical Faculty, Institute for experimental Medicine and Research, Istanbul University, Turkey.
- 145- BANKS W.A., KASTIN A.J., "Aluminum-induced neurotoxicity: alterations in membrane function at the blood-brain barrier", *Neurosci. Biobehav. Rev.* 1989 Spring; 13 (1): 47-53. Veterans Administration Medical Center, New Orleans, Louisiana.
- 146- TUNKEL A.R., ROSSER S.W., HANSEN E.J., SCHELD W.M., "Blood-brain barrier alterations in bacterial meningitis: development of an in vitro model and observations on the effects of lipopolysaccharide", *In Vitro Cell Dev. Biol.* 1991 Feb; 27A (2): 113-120. Department of Internal Medicine, University of Virginia School of Medicine, Charlottesville.
- 147- SOKRAB T.E., KALIMO H., JOHANSSON B.B., "Endogenous serum albumin content in brain after short-lasting epileptic seizures", *Brain Res.* 1989 Jun 12; 489 (2): 231-236. Department of Neurology, University hospital, Lund, Sweden.

- 148- SOKRAB T.E., JOHANSSON B.B., KALIMO H., OLSSON Y., "A transient hypertensive opening of the blood-brain barrier can lead to brain damage. Extravasation of serum proteins and cellular changes in rats subjected to aortic compression", *Acta Neuropathol. (Berl)* 1988; 75 (6): 557-565. Department of neurology, University of Lund, Sweden.
- 149- SOKRAB T.E., JOHANSSON B.B., TENGVAR C., KALIMO H., OLSSON Y., "Adrenaline-induced hypertension: morphological consequences of the blood-brain barrier disturbance", *Acta Neurol. Scand.* 1988 May; 77 (5): 387-396. Department of neurology, University of Lund, Sweden.
- 150- OSCAR K.J., HAWKINS T.D., "Microwave alteration of the blood-brain barrier system of rats", *Brain Res.* 1977 May 6; 126 (2): 281-293.
- 151- WILLIAMS W.M., PLATNER J., MICHAELSON S. M., "Effect of 2.450 MHz microwave energy on the blood-brain barrier to hydrophilic molecules. C. Effect on the permeability to (14C) sucrose", *Brain Res.* 1984 May; 319 (2): 183-190.
- 152- SCHIRMACHER A., WINTER S., FISCHER S., GOEKE J., GALLA H.J., KULLNICK U., RINGELSTEIN E.B. STOGBAUER F., "Electromagnetic fields (1,8 GHz) increase the permeability to sucrose of the blood-brain barrier in vitro", *Bioelectromagnetics* 2000 Jul; 21 (5): 338-345. Klinik und Poliklinik für Neurologie, Universität Munster, Germany.
- 153- SALFORD L.G., BRUN A., STURESSON K., EBERHARDT J.L., PERSSON B.R., "Permeability of the blood-brain barrier induced by 915 MHz electromagnetic radiation, continuous wave and modulated at 8, 16, 50, and 200 Hz", *Microsc. Res. Tech.* 1994 Apr 15; 27 (6): 535-542. Department of Neurosurgery, Lund University, Sweden.
- 154- FINNIE J.V., BLUMBERGS P.C., MANAVIS J., UTTERIDGE T.D., GEBSKI V., SWIFT J.G., VERNON-ROBERTS B., KUCHEL T.R., "Effect of global system for mobile communication (gsm)-like radiofrequency fields on vascular permeability in mouse brain", *Pathology* 2001 Aug.; 33 (3): 338-340. Veterinary Services Division, Institute of Medical and Veterinary Science, Adelaide, SA, Australia.
- 155- SALFORD L.G., BRUN A.E., EBERHARDT J.L., MALMGREN L., PERSSON B.R. , "Nerve cell damage in mammalian brain after exposure to microwaves from GSM mobile phones". *Environ. Health Perspect.* 2003 Jun; 111 (7): 881-883. Department of Neurosurgery, Lund University, The Rausing Laboratory and Lund University hospital, Lund, Sweden.
- 156- HASSEL B., IVERSEN E.G., FONNUM F., "Neurotoxicity of albumin in vivo", *Neurosci. Lett.* 1994 Feb 14; 167 (1-2): 29-32.
- 157- SALFORD L.G., PERSSON B., MALMGREN L., BRUN A., "Téléphonie mobile et barrière sang-cerveau", Communication faite au colloque organisé le 29 juin 2000 par ECOLO, le CEFE et le Groupe des Verts au parlement européen / Alliance libre européenne. Actes du colloque repris dans le livre sur la "Téléphonie mobile. Effets potentiels sur la santé des ondes électromagnétiques de haute fréquence". Editions Marco Pietteur 2001. ISBN 2-87211-055-0.
- 158- HUBER R., GRAF T., COTE K.A., WITTMANN L., GALLMANN E., MATTER D., SCHUDERER J., KUSTER N., BORBELY A.A., ACHERMANN P., "Exposure to pulsed high-frequency electromagnetic field during waking affects human sleep EEG", *Neuroreport.* 2000 Oct 20; 11 (15): 3321-3325. Institute of Pharmacology and Toxicology, University of Zurich, Switzerland.
- 159- HUBER R., SCHUDERER J., GRAF T., JUTZ K., BORBELY A.A., KUSTER N., ACHERMANN P., "Radiofrequency electromagnetic field exposure in humans: Estimation of SAR distribution in the brain, effects on sleep and heart rate", *Bioelectromagnetics* 2003 May; 24 (4): 262-276. Institute of Pharmacology and Toxicology, University of Zurich, Zurich, Switzerland.
- 160- HEIMENDINGER J., "Mixed longitudinal measurements of body length, weight, superior segment, thorax circumference and head circumference in 1-24-month-old infants". *Helv. Paediatr. Acta* 1964 Nov; 19: 406-436. German.
- 161- HEIMENDINGER J., "Results of a survey of body measurements of 5000 Basel children 2-18 years of age", *Helv. Paediatr. Acta* 1964 Nov; 19: Suppl. 13: 1-131. German.
- 162- LOW J.A., KERR N.D., COCHON A.R., "Plasma and blood volume of normal newborn infant and patterns of adjustment in initial 24 hours of the neonatal period", *Am. J. Obstet. Gynecol.* 1963 Aug 1; 86: 886-892.
- 163- OSGOOD E.E., "Development and growth of hematopoietic tissues; with a clinically practical method of growth analysis", *Pediatrics* 1955 Jun; 15 (6): 733-751.
- 164- SAMET P., FRITTS H.W. Jr., FISHMAN A.P., COURNAND A., "The blood volume in heart disease", *Medicine (Baltimore)* 1957 May; 36 (2): 211-235.

- 165- GHERARDI R.K., CHERIN P., "Une nouvelle maladie musculaire: la myofasciite à macrophages", *Médecine/Sciences* 1998; 14 (11): 1272.
- 166- GHERARDI R.K., COQUET M., CHERIN P., AUTHIER F.J., LAFORET P., BELEC L., FIGARELLA-BRANGER D., MUSSINI J.M., PELLISSIER J.F., FARDEAU M.. "Macrophagic myofasciitis: an emerging entity. Groupe d'Etudes et Recherche sur les Maladies Musculaires Acquises et Dysimmunitaires (GERMMAD) de l'Association Française contre les Myopathies (AFM)", *Lancet* 1998 Aug 1; 352 (9125): 347-352. Université Paris XII-Val de Marne, Département de Pathologie, Hôpital Henri Mondor, Creteil, France.
- 167- CHERIN P., LAFORET P., GHERARDI R.K., AUTHIER F.J., COQUET M., MAISONOBE T., MUSSINI J.M., PELLISSIER J.F., HERSON S., et le Groupe d'Etudes et de recherche sur les maladies musculaires acquises et dysimmunitaires (GERMMAD) de l'Association française contre les myopathies (AFM), "La myofasciite à macrophages: description, hypothèses étiopathogéniques", *Rev. Med. Int.* 1999 Jun; 20 (6) 483-489.
- 168- CHERIN P., LAFORET P., GHERARDI R.K., AUTHIER F.J., MAISONOBE T., COQUET M., MUSSINI J.M., PELLISSIER J.F., EYMARD B., HERSON S. et le Groupe d'Etudes et Recherche sur les Maladies Musculaires acquises et Dysimmunitaires (GERMMAD), "La myofasciite à macrophages", *Presse Med.* 2000 Feb 5; 29 (4): 203-208. Service de Médecine interne, Groupe Hospitalier Pitié-Salpêtrière, Paris.
- 169- GHERARDI R.K., COQUET M., CHERIN P., BELEC L., MORETTO P., DREYFUS P.A., PELLISSIER J.F., CHARLOT P., AUTHIER F.J., "Macrophagic myofasciitis lesions assess long-term persistence of vaccine-derived aluminium hydroxide in muscle", *Brain* 2001 Sep; 124 (Pt9): 1821-1831. Equipe mixte INSERM E 0011/Université Paris XII, France.
- 170- Organisation mondiale de la Santé, Genève, "Myofasciite à macrophages et vaccins contenant de l'aluminium", *Relevé épidémiologique hebdomadaire* n°41, 15 oct 1999; 74: 338-340.
- 171- GHERARDI R.K., AUTHIER F.J., "Aluminum inclusion macrophagic myofasciitis; a recently identified condition", *Immunol. Allergy Clin. North Am.* 2003 Nov; 23 (4): 699-712. Muscle and Nerve Group, Henri Mondor University Hospital, Creteil, France.
- 172- RIMANIOL A.C., GRAS G., VERDIER F., CAPEL F., GRIGORIEV V.B., PORCHERAY F., SAUZEAT E., FOURNIER J.G., CLAYETTE P., SIEGRIST C.A., DORMONT D., "Aluminum hydroxyde adjuvant induces macrophage differentiation toward a specialized antigen-presenting cell type", *Vaccine* 2004 Aug 13; 22 (23-24): 3127-3135. SPI-BIO, c/o Service de Neurovirologie, 92265 Fontenay-aux-Roses Cedex, France.
- 173- CHERIN P., AUTHIER F.J., GHERARDI R.K., ROMERO N., LAFORET P., EYMARD B., HERSON S., CAILLAT-VIGNERON N., "Gallium-67 scintigraphy in macrophagic myofasciitis", *Arthritis Rheum.* 2000 Jul; 43 (7): 1520-1526. Groupe Hospitalier Pitié-Salpêtrière, Paris, France.
- 174- MIKOL J., POLIVKA M., "Anatomo-pathologie des maladies musculaires inflammatoires" *Ann. Med. Interne (Paris)* 2001 Nov; 152 (7): 465-479. Service Central d'Anatomie et de Cytologie Pathologiques, Hôpital Lariboisière, 2, rue Ambroise-Paré, 75475 Paris Cedex 10, France.
- 175- MASTAGLIA F.L., GARLEPP M.J., PHILLIPS B.A., ZILKO P.J., "Inflammatory myopathies: clinical, diagnostic and therapeutic aspects é Muscle Nerve", 2003 Apr; 27 (4): 407-425. Centre for Neuromuscular and neurological Disorders, University of Western Australia, Queen Elizabeth II Medical Centre, Nedlands, Australia.
- 176- CHERIN P., GHERARDI R.K., "Macrophagic myofasciitis", *Curr. Rheumatol. Rep.* 2000 Jun; 2 (3): 196-200. Service de Médecine Interne, CHU Pitié-Salpêtrière, 47 Bd de l'hôpital, 75013 Paris, France.
- 177- VINCENT D., GUILLEVIN L., LEVESQUE M., AUTHIER F., VADROT D., PRADALIER A., CHERIN P., "Association of macrophagic myofasciitis and fibromuscular dysplasia with renal fibromuscular dysplasia: first case report", *Clin. Exp. Rheumatol.* 2000 Nov-Dec; 18 (6): 753-754. Département de Médecine Interne, Hôpital Louis Mourier, Colombes, France.
- 178- CHERIN P., MENARD D., MOUTON P., VIALARD J.F., LE HELLO C., AUTHIER F.J., GHERARDI R.K., COQUET M., HERSON S. LEROI J.P., "Macrophagic myofasciitis associated with inclusion body myositis: a report of three cases", *Neuromuscul. Disord.* 2001 Jul; 11 (5): 452-457. Médecine Interne I, CHU Pitié-Salpêtrière, 47 Bd de l'hôpital, 75013 Paris, France.
- 179- BONNEFONT-ROUSSELOT D., CHANTALAT-AUGER C., TEIXEIRA A., JAUDON M.C., PELLETIER S., CHERIN P., "Blood oxidative stress status in patients with macrophagic myofasciitis", *Biomed. Pharmacother.* 2004 Nov; 58 (9): 516-519. Laboratoire des lipides (Pavillon B. Delessert), Hôpital de la Pitié (AP-HP) 83, boulevard de l'Hôpital, 75651, Paris, cedex 13, France.
- 180- AUTHIER F.J., CHERIN P., CREANGE A., BONOTTE B., FERRER X., ABDELMOUMNI A., RANOUX D., PELLETIER J., FIGARELLA-BRANGER D., GRANDEL B., MAISONOBE T., COQUET M., DEGOS J.D., GHERARDI R.K., "Central nervous system disease in patients with macrophagic myofasciitis", *Brain* 2001 May; 124 (Pt 5): 974-983. Groupe d'Etudes et de Recherches sur le Muscle et le Nerf (GERMEN, EA Université Paris

- XII-Val de Marne), Faculté de Médecine de Créteil, Département de Pathologie, Hôpital Henri Mondor, AP-HP, Créteil, France.
- 181- GHERARDI R.K., "Myofasciite à macrophages et hydroxyde d'aluminium: vers la définition d'un syndrome des adjuvants", *Rev. Neurol. (Paris)* 2003 Feb.; 159 (2): 162-164. Groupe Nerf-Muscle, Département de Pathologie, Hôpital Henri Mondor, Créteil, France.
- 182- BRENNER A., "Macrophagic myofasciitis: a summary of Dr. Gherardi's presentations", *Vaccine* 2002 may 31; 20 Suppl. 3: 5-6. Rheumatological Services, Inc., Framington, MA 01702, USA.
- 183- FISHER D., REIMANN J., SCHRODER R.. "Makrophagische Myofasziitis. Eine Impfungs-assoziierte entzündliche Muskelerkrankung", *Dtsch. Med. Wochenschr.* 2003 Oct 31; 128 (44): 2305-2308. Neurologische Klinik und Poliklinik, Rheinische-Wilhelms-Universität Bonn.
- 184- BORNEMANN A., BOHL J., SCHNEIDER H.M., GOEBEL H.H., SCHMIDT P.F., GHERARDI R.K., "July 2003: 62-year-old female with progressive muscular weakness", *Brain Pathol.* 2004 Jan; 14 (1): 109-110, 115. Institute of Brain Research, Eberhard-Karls University, Tübingen, Germany.
- 185- LACSON A.G., D'CRUZ C.A., GILBERT-BARNES E., SHARER L., JACINTO S., CUENCA R., "Aluminum phagocytosis in quadriceps muscle following vaccination in children: relationship to macrophagic myofasciitis", *Pediatr. Dev. Pathol.* 2002 Mar-Apr; 5 (2): 151-158. Departments of Pediatrics and Pathology, University of South Florida at All Children's Hospital, 801 Sixth Street South 7020, St Petersburg, FL 33731 USA.
- 186- DI MUZIO A., CAPASSO M., VERROTTI A., TROTTA D., LUPO S., PAPPALEPORE N., MANZOLI C., CHIARELLI F., UNCINI A., "Macrophagic myofasciitis: an infantile Italian case". *Neuromuscul Disord.* 2004 Feb; 14 (2): 175-177. Center for Neuromuscular Diseases, University G.d'Annunzio, Chieti, Italy.
- 187- NEVO Y., KUTAI M., JOSSIPHOV J., LIVNE A., NEEMAN Z., ARAB T., POPOVITZ-BIRO R., ATSMON J., SHAPIRA Y., SOFFER D., "Childhood macrophagic myofasciitis-consanguinity and clinicopathological features", *Neuromuscul. Disord.* 2004 Apr; 14 (4): 246-252. The Institute for Child Development and Pediatric Neurology Unit, Tel Aviv Sourasky Medical Center, Sackler Faculty of Medicine, Tel Aviv University, Beit Habriut Strauss, 14 Balfour Street, Tel Aviv 65211, Israël.
- 188- NAGORE E., MARTINEZ-ESCRIBANO J.A., TATO A., SABATER V., VILATA J.J., "Subcutaneous nodules following treatment with aluminium-containing allergen extracts", *Eur. J. Dermatol.* 2001 Mar-Apr; 11 (2): 138-140. Department of Dermatology, Hospital General Universitario, C/Denia, 20-6a, 46006 Valencia, Spain.
- 189- FORRESTER T.M., YOKEL R.A., "Comparative toxicity of intracerebroventricular and subcutaneous aluminum in the rabbit", *Neurotoxicology.* 1985 Fall; 6 (3): 71-80.
- 190- Organisation mondiale de la Santé, Genève, "Sécurité des vaccins", *Relevé épidémiologique hebdomadaire* n° 41, 15 oct 1999; 74: 338-339.
- 191- PIYASIRISILP S., HEMACHUDHA T., "Neurological adverse events associated with vaccination". *Curr. Opin. Neurol.* 2002 Jun; 15 (3): 333-338. Division of Neurology, Department of Medicine, Chiang Mai University, Chiang Mai 50200, Thailand.
- 192- Organisation mondiale de la Santé, "Comité consultatif mondial de la sécurité vaccinale, 10,11 juin 2004: Sécurité des adjuvants". *Relevé épidémiologique hebdomadaire* Num. 29, 16 Juillet 2004; 79: 269-270.
- 193- MALAKOFF D., "Public health. Aluminum is put on trial as a vaccine booster", *Science* 2000 May 26; 288 (5470): 1323-1324.
- 194- HERNAN M.A., JICK S.S., OLEK M.J., JICK H., "Recombinant hepatitis B vaccine and the risk of multiple sclerosis: a prospective study". *Neurology* 2004 Sep 14; 63 (5): 838-842. Department of Epidemiology, Harvard School of Public Health, 677 Huntington Avenue, Boston, MA 02115, USA.
- 195- Organisation mondiale de la Santé, "Comité consultatif mondial sur la sécurité des vaccins de l'Organisation mondiale de la Santé: réponse à l'article de Hernan et al. intitulé - Vaccin Hépatite B recombinant et risque de sclérose en plaques", publié le 14 septembre 2004 dans la revue *Neurology*. GACVS Sep 2004.
- 196- VERDIER F., BARROW P.C., BURGE J., "Reproductive toxicity testing of vaccines", *Toxicology* 2003 Apr 1; 185 (3): 213-219. Aventis Pasteur, Campus Merieux, 1541 avenue Marcel Merieux, 69280 Marcy l'Etoile, France.
- 197- VERDIER F., "Non-clinical vaccine safety assessment", *Toxicology* 2002 May 15; 174 (1): 37-43. Aventis Pasteur, Campus Merieux, 1541 avenue Marcel Merieux, 69280 Marcy l'Etoile, France.