Notices Notices

induced Pathology at the US Armed Forces Institute of Pathology (AFIP) to study pathological lesions, including neoplasms, known or suspected to be caused by contact with chemical compounds in the workplace or other areas of the environment. The Registry is seeking contributions of pathological materials including histological slides, paraffin blocks, and wet tissues with photographs, radiographs, and complete clinical, occupational and environmental records to document exposures. The Registry works closely with the National Cancer

Institute, the Center for Disease Control (CDC), the National Institute of Occupational Safety and Health (NIOSH), the Food and Drug Administration (FDA), the Veterans Administration and other government agencies. Pathologists in other Registries within the AFIP, whose expertise in diseases of liver, skin, brain and other organ systems are widely recognised throughout the world, are consulted during the workup of each environmental case submitted. Although it is the usual policy at the AFIP to accept materials from pathologists only, special

arrangements can be made with epidemiologists and other specialists to obtain materials from the pathologist(s) who performed the biopsies or autopsies on the patient(s) being studied. Special forms and instructions can be obtained from the Registry. Materials and correspondence should be addressed to: The Registry of Environmental Pathology, Room 2051, Armed Forces Institute of Pathology, Washington, DC 20306 (202/576-2434 or 576-2435).

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Roswell Park Memoral Institute Buffalo, New York, NY, USA.

Prevention-everybody's responsibility. (English)

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Department of Community Medicine, St. Thomas's Hospital Medical School, London SE1, England.

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Department of Economics and Urban Affairs, School of

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University Department of Psychiatry, Royal Edinburgh Hospital, Edinburgh, Scotland.

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St. Joseph Hospital, Denver, Colorado, USA.
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Ballet Clinic, Department of Orthopaedic Surgery, University of Cincinnati, Ohio, USA.

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Department of Medicine, College of Medicine and Dentistry of New Jersey, New Jersey Medical School, Jersey City Medical Center, Jersey City, New Jersey, USA.

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[Human, Arsenic Adverse Effects Urine, Environmental Exposure, Metallurgy, Respiratory Tract Neoplasms Chemically Induced Mortality Urine]

Department of Biostatistics, University of Pittsburgh, Pennsylvania, USA.

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Unidad de Investigaciones Biomedicas del Noreste Subjefatura de Investigacion Basica Instituto Mexicano del Sequro Social Monterrey, Nuevo Leon, Mexico.

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[Human, Air Pollutants Occupational Analysis, Dust Prevention and Control, Mathematics, Maximum Permissible Exposure Level, Occupational Health Services, Respiration, Silica Analysis, Silicosis Prevention and Control, Ventilation, Sweden] ASEA AB, Vasteras, Sweden.

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Department of Pathology and Toxicology, Smith Kline & French Laboratories, Philadelphia, Pennsylvania, USA.

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Huuskonen, M. S., Scand. J. Work environm. Hlth., 4, 265-74, Dec. 78.

[Human, Asbestosis Diagnosis Mortality Radiography, Follow-Up Studies, Lung Neoplasms Mortality, Prognosis, Sex Factors, Smoking]

Department of Occupational Medicine, Institute of Occupational Health, Helsinki, Finland.

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Department of Lung Medicine, University of Uppsala, Sweden.

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Lead Poisoning Complications Prevention and Control. Occupational Medicine Standards Pregnancy Complications Chemically Induced, Pregnancy, Reproduction Drug

Labor Occupational Health Program, University of California, Berkeley, California, USA

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National Institute for Occupational Safety and Health. Rockville, Maryland, USA.

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[Human, Atmosphere, Beta Globulins Analysis, Beta 2 Microglobulin Analysis, Cadmium Poisoning Metabolism, Cadmium Analysis, Dust, Occupational Diseases Metabolism, English Abstractl

Service de Médecine Nucléaire, Hôpital Pellegrin, Bordeaux, France.

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Unité de Toxicologie Industrielle et Médicale, Faculty of Medicine, University of Louvain, Brussels, Belgium.

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[Human, Adult, Beta Globulins Analysis, Beta 2 Microglobulin Analysis Urine, Cadmium Poisoning Blood Diagnosis, Cadmium Blood Urine, Creatinine Blood, Kidney Diseases Diagnosis Metabolism, Kidney Tubules Physiopathology, Occupational Diseases Blood, Sweden] Department of Environmental Hygiene, Karolinska Institue, Stockholm, Sweden.

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[Human, Dust, Sodium Toxicity, Sulphates Toxicity] Saskatchewan Department of Labor, Occupational Health and Safety Division, Regina, Saskatchewan, Canada.

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Bell Laboratories, Murray Hill, New Jersey, USA.

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Department of Soft Tissue Pathology, Armed Forces Institute of Pathology, Washington, D.C., USA.

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[Human, Asbestosis Aetiology, Berylliosis Aetiology, Coal Mining, Dust, Lung Pathology, Pneumoconiosis Aetiology Pathology, Pulmonary Fibrosis Aetiology Pathology, Silicosis Aetiology, Talc Adverse Effects] MRC Pneumoconiosis Unit, Llandough Hospital, Penarth,

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Istituto di Anatomia e Istologia Patologica, Università, Trieste, Italy.

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Department of Dermatology, University Hospital, Lund, Sweden.

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Department of Industrial and Operations Engineering, The University of Michigan, Ann Arbor, Michigan, USA.

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Health Effects Research Laboratory, US Environmental Protection Agency, Cincinnati, Ohio, USA.

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[Animals Newborn, Rats, Aging, Brain Enzymology Metabolism, Cytochromes Metabolism, Lead Poisoning Enzymology, Lead Blood Metabolism, Pregnancy, Spectrophotometryl

Laboratory Studies Division, Health Effects Research Laboratory, US Environmental Protection Agency, Cincinnati, Ohio, USA.

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Mental Retardation Research Center of the Children's Hospital Medical Center, Boston, Massachusetts, USA.

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Z Zakładu Epidemiologii Instytutu Med. Społ, AM w Krakowie, Poland.

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Matsuda, M., Sera, Y., Nippon Kyobu Shikkan Gakkai Zasshi, 16, 846-54, Dec. 78.

[Human, Asbestosis Complications Pathology Radiography, Carcinoma Bronchogenic Lung Neoplasms Aetiology Pathology Radiography, English Abstract]

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[Human, Air Pollutants Occupational Adverse Effects, Environmental Exposure, Lead Poisoning Actiology Occurrence, Lead Blood, Occupations, Social Control Formal, Ventilation, United States Government Supported PHS, New York Cityl

Environmental Sciences Laboratory, Department of Community Medicine, Mount Sinai School of Medicine of the City University of New York, New York, USA.

Awkward medicolegal problems in asbestos-induced disease.

Problems in law. (English)

Clothier, C., J. roy. Soc. Med., 71, 922-5, Dec. 78. [Human, Asbestosis, Smoking, Workmen's Compensation Legislation and Jurisprudence, Great Britain] Goldsmith Building, Temple, London, WC2, England

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Whitwell, F., J. rov. Soc. Med., 71, 919-22, Dec. 78. [Human, Asbestosis Pathology, Autopsy, Lung Neoplasms Mesothelioma Pleural Neoplasms Pathology] Broadgreen Hospital, Liverpool, England.

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Rogan, W. J., Hogan, M. D., Chi, P. Y., Cowan, D., J. environm. Pathol. Toxicol., 2, 517-9, Nov.-Dec. 78. [Human, Blood Pressure Drug Effects, Child Preschool, Infant, Lead Poisoning Blood Physiopathology, Male, North Carolinal

Biometry Branch, National Institute of Environmental Health Sciences, Research Triangle Park, North Carolina, USA.

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[Human, Asbestos Adverse Effects, Asbestosis Aetiology, Lung Neoplasms, Mesothelioma Aetiology, Risk, Time Factorsl

MRC Pneumoconiosis Unit, Llandough Hospital, Penarth, Glamorgan, Wales.

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[Animal, Rats. Dose-Response Relationship Drug. Environmental Exposure, Lead Poisoning Physiopathology, Lead Adverse Effects, Mercury Poisoning Physiopathology, Mercury Adverse Effects. Time Factors, English Abstractl

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Arizona Center for Occupational Safety and Health University of Arizona, Tucson, Arizona, USA.

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Andelkovski, A., Višniić, V., Andelkovska, B., Dodic, S., Vicaković, A., Arh Hig. Rada, 29, 115-24, 1978.

[Animal, Rats, Lung Pathology, Penicillamine Therapeutic Use. Silicosis Drug Therapy Pathology, English Abstractl

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Calnan, C. D., Contact Derm., 4, 378, Dec. 78.

[Human, Case Report, Chromates Adverse Effects, Dermatitis Contact Actiology, Occupational Dermatitis Chemically Induced, Oils Adverse Effects]

St. John's Hospital for Diseases of the Skin, London, WC2, England.

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Department of Fisheries and Wildlife, Oregon State University, Corvallis, Oregon, USA.

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Department of Psychology, University of Minnesota,

Minneapolis, Minnesota, USA.

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Department of Medicine, Royal Postgraduate Medical School, Hammersmith Hospital, London, W6, England.

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Pham, O. T., Mur, J. M., Beigbeder, R., Deniau, R., Leonet, O., Rev. Epidemiol. Sante Publique, 25, 255-73, 1977.

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Department of Pathology, University of California, San Diego, California, USA.

Detection, localization, and treatment of occult bronchogenic carcinoma in nickel workers. (English)

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Department of Surgery, Toronto General Hospital,

Ontario, Canada.

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Marcus, S. M., Ziering, R., J. med. Soc. N.J., 76, 97-9, Feb. 79.

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[Human, Adenosine Deaminase Blood; Asbestos Adverse Effects, Dermatitis Contact Enzymology Aetiology, Erythrocytes Enzymology, Lymphocytes Enzymology, Nucleoside Deaminases Blood, Occupational Dermatitis Enzymology Aetiology, Plasma Enzymology]

Roswell Park Memorial Institute, New York State Department of Health Buffalo, NY, USA.

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[Human, Chromates Immunology, Construction Materials, Dermatitis Contact Immunology, HL-A Antigens, Occupational Dermatitis Immunology]
Department of Dermatology, University of Gothenburg,

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Czarnecki, N., Hautarzt., 30, 80-3, Feb. 79.

Sweden.

[Human, Chromates Adverse Effects, Construction Materials Adverse Effects, Dermatitis Contact Diagnosis Aetiology, Eczema Chemically Induced, Follow-Up Studies, Occupational Dermatitis Chemically Induced, Skin Tests, English Abstract]

Universitätsklinik für Dermatologie und Venerologie, Innsbruck, Austria.

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[Human, Cell Division, Chemotaxis, Concanavalin A Pharmacodynamics, Infection Immunology, Mitogens Pharmacodynamics, Monocytes Immunology Physiology, Silicosis Blood Immunology, T-Lymphocytes Immunology Physiology]

Department of Medicine, Tulane University School of Medicine, New Orleans, Louisiana, USA.

Silicosis and tuberculosis. (English)

Morgan, E. J., Chest. 75, 202-3, Feb. 79.

Human, p-Aminosalicylic Acid Administration and Dosage Therapeutic Use, Antitubercular Agents Administration and Dosage Therapeutic Use, Case Report, Ethambutol Administration and Dosage Therapeutic Use, Ethionamide Therapeutic Use, Isoniazid Administration and Dosage Therapeutic Use, Pyrazinamide Therapeutic Use, Recurrence, Silicotuberculosis Diagnosis Drug Therapy Radiography, Streptomycin Therapeutic Use] Department of Medicine, West Virginia University Hospital, Morgantown, West Virginia, USA.

Unusual contact dermatitis to a cobalt salt. (English)

Sertoli, A., Fabbri, P., Spallanzani, P., Giannotti, B., Contact Derm., 4, 314, Oct. 78.

[Human, Automobiles, Case Report, Cobalt Adverse Effects, Dermatitis Contact Actiology]

Clinica Dermatologica, Universita de Firenze, Florence, Italy.

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[Human, Bone and Bones Analysis, Bone Diseases Chemically Induced, Case Report, Chronic Disease, Fluorides Analysis, Gastrointestinal Diseases Chemically Induced, Hydrofluoric Acid Poisoning]

Hutzel Hospital, Detroit, Michigan, USA.

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[Human, Case Report, Chlorine Poisoning, Irritants, Swimming Pools]

Department of Pharmacology, University of Texas Medical Branch, Galveston, Texas, USA.

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Thiess, A. M., Fleig, I., Arch. Toxicol., 41, 149-52, 11 Dec.

[Human, Acrylonitrile Adverse Effects, Air Analysis, Chromosome Aberrations, Lymphocytes Ultrastructure] Occupational Medicine and Health Protection, BASF Aktiengesellschaft, Ludwigshafen/Rhein, Federal Republic of Germany.

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The Dow Chemical Company, Midland, Michigan, USA. Bathtub refinisher's lung: an unusual response to toluene disocyanate. (English)

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Adverse Effects]

Department of Medicine, Medical College of Wisconsin, Milwaukee, Wisconsin, USA.

Cancer of the larynx in naphthalene cleaners. (German)

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[Human, Laryngeal Neoplasms Chemically Induced, Naphthalenes Poisoning, English Abstract]

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Sabroe, S., Olsen, J., *Ugeskr. Laeg.*, 141, 322-7, 29 Jan. 79. [Human, Psychoses Toxic Occurrence, Solvents Adverse Effects, Denmark, English Abstract]

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[Human, Agricultural Workers' Diseases Prevention and Control, Cholinesterases Blood, Chromatography Gas, Citrus Fruits, Erythrocytes Enzymology, Insecticides Organothiophosphate Analysis Metabolism Pharmacodynamics, Organothiophosphorus Compounds Analysis Metabolism Pharmacodynamics, Pesticide Residues Analysis, Plants Analysis]

California Department of Food and Agriculture, Sacramento, California, USA.

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Tossavainen, A., Scand. J. Work environm. Hlth., 4,

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[Human, Environmental Exposure, Maximum Permissible Exposure Level, Polystyrenes, Styrenes]

Department of Industrial Hygiene, Instute of Occupational Health, Helsinki, Finland.

Exposure of council and forestry workers to 2,4,5-T. (English) Simpson, G. R., Higgins, V., Chapman, J., Bermingham, S., Med. J. Aust., 2, 536-7, 18 Nov. 78.

[Human, Environmental Exposure, 2,4,5-Trichlorophenoxyacetic Acid Urinel

Division of Occupational Health and Radiation Control, Health Commission of New South Wales, Lidcombe, New South Wales, Australia.

The toxicology of styrene monomer and its pharmacokinetics and distribution in the rat. (English)

Withey, J. R., Scand. J. Work environm. Hlth., 4, Suppl. 2, 31-40, 1978.

[Animal, Rats, Brain Metabolism, Dose-Response Relationship Drug, Injections Intravenous, Kidney Metabolism, Liver Metabolism, Models Biological, Myocardium Metabolism, Spleen Metabolism, Styrenes Blood Metabolism Toxicity, Tissue Distribution] Health Protection Branch, Tunney's Pasture, Ottawa, Canada.

Chromosome aberrations in lymphocytes of workers exposed to styrene. (English)

Moretoja, T., Järventaus, H., Sorsa, M., Vainio, H., Scand. J. Work environm. Hlth., 4, Suppl. 2, 259-64, 1978. [Human, Chromatids Ultrastructure, Chromosome Aberrations, DNA Repair Drug Effects, Environmental Exposure, Lymphocytes Ultrastructure, Mandelic Acids Urine, Smoking, Sytrenes Poisoning]

Department of Industrial Hygiene, Institute of Occupational Health, Helsinki, Finland.

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[Human, Chromosome Aberrations, Environmental Exposure, Lymphocytes Ultrastructure, Mandelic Acids Urine, Mutagens, Polystyrenes Poisoning, Resins Synthetic Poisoning, Styrenes Poisoning]

Occupational Medicine BASF Aktiengesellschaft, Ludwigshafen/Rhein, Federal Republic of Germany.

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[Human, Benzene Poisoning, Cardiovascular Diseases Mortality, Environmental Exposure, Follow-Up Studies, Leukaemia Mortality, Lung Diseases Mortality, Lymphoma Mortality, Neoplasms Mortality, Polystyrenes Poisoning, Styrenes Poisoning]

Environmental Sciences Laboratory, Department of Community Medicine, Mount Sinai School of Medicine, New York, NY, USA.

Epidemiologic investigations of styrene-butadiene rubber production and reinforced plastics production. (English)

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[Human, Bone Marrow Diseases Occurrence, Butadienes Poisoning, Environmental Exposure, Leukaemia Lymphoblastic Mortality, Leukaemia Lymphocytic Mortality, Leukaemia Myeloblastic Mortality, Lymphatic Diseases Occurrence, Styrenes Poisoning]

National Institute for Occupational Safety and Health, Cincinnati, Ohio, USA.

Survey of mortality among employees engaged in the manufacture of styrene and polystyrene at the BASF Ludwigshafen works, (English)

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Human, Chemical Industry, Environmental Exposure, Mortality, Neoplasms Mortality, Polystyrenes Poisoning, Prospective Studies, Styrenes Poisoning, Vinyl Chloride Poisoning, West Germany]

Deutsches Krebsforschungszentrum, Heidelberg, Federal Republic of Germany.

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Lorimer, W. V., Lilis, R., Fischbein, A., Daum, S., Anderson, H., Wolff, M. S., Selikoff, I. J., Scand. J. Work environm. Hlth., 4, Suppl. 2, 220-6, 1978.

[Environmental Exposure, Glyoxylates Urine, Lymphocytosis Chemically Induced, Mandelic Acids Urine, Neural Conduction Drug Effects, Occupational Diseases Chemically Induced, Occupational Medicine, Polystyrenes Poisoning, Smoking, Styrenes Blood Toxicity, Vital Canacity Drug Effects

Environmental Sciences Laboratory, Mount Sinai School of Medicine, City University of New York, NY, USA.

Some hygienic and clinical observations on styrene exposure.
(English)

Axelson, O., Gustavson, J., Scand. J. Work environm. Hlth., 4. Suppl. 2, 215-9, 1978.

[Human, Air Pollutants Occupational Poisoning, Alanine Aminotransferase Blood, Aspartate Aminotransferase Blood, Environmental Exposure, Fatigue, Forced Expiratory Volume, Mandelic Acids Urine, Memory Disorders Chemically Induced, Reaction Time Drug Effects, Sleep Disorders Chemically Induced, Styrenes Poisoning, Vital Capacity Drug Effects]

Department of Occupational Medicine, University Hospital, Linköping, Sweden.

Morbidity among persons employed in styrene production, polymerization and processing plants. (English)

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[Human, Absenteeism, Accidents Occupational, Air Pollutants Occupational Poisoning, Alanine Aminotransferase Blood, Aspartate Aminotransferase Blood, Environmental Exposure, Mandelic Acids Urine, Polystyrenes Analysis Poisoning, Prospective Studies, Styrenes Analysis Poisoning

Occupational Medicine and Health Protection, BASF Aktiengesellschaft, Ludwigshafen/Rhein, Federal Republic of Germany.

Alcohol consumption and tolerance of workers exposed to styrene in relation to level of exposure and psychological symptoms and signs. (English)

Lindström, K., Härkönen, H., Mantere P., Scand. J. Work environm. Hlth., 4, Suppl. 2, 196-9, 1978.

[Human, Alcohol Drinking, Behaviour Drug Effects, Environmental Exposure, Interview Psychological, Mandelic Acids Urine, Styrenes Toxicity, Visual Perception Drug Effects]

Institute of Occupational Health, Helsinki, Finland.

Neurophysiological observations after chronic styrene exposure. (English)

Rosén, I., Haeger-Aronsen, B., Rehnström, S., Welinder, H., Scand. J. Work environm. Hlth., 4, Suppl. 2, 184-94, 1978.

[Human, Action Potentials Drug Effects, Brain Drug Effects, Electroencephalography, Electromyography, Environmental Exposure, Motor Neurons Drug Effects, Nerve Fibres Drug Effects, Neural Conduction Drug Effects, Receptors Sensory Drug Effects, Solvents Toxicity, Styrenes Toxicity, Ulnar Nerve Drug Effects]

Department of Clinical Neurophysiology, University Hospital, Lund, Sweden.

Neurotoxicity of styrene in occupational and experimental exposure. (English)

Seppäläinen, A. M., Scand. J. Work environm. Hlth., 4, Suppl. 2, 181-3, 1978.

[Human, Animal, Brain Drug Effects, Electroencephalography, Environmental Exposure, Mandelic Acids Urine, Motor Neurons Drug Effects, Nervous System Diseases Chemically Induced. Neural Conduction Drug Effects, Styrenes Toxicityl

Department of Occupational Medicine. Institute of Occupational Health, Helsinki, Finland.

Monitoring of styrene exposure in the polyester industry. (English)

Guillemin, M. P., Bauer, D., Hotz, P. A., Lob, M., Greuter, W. F., Scand. J. Work environm. Hlth., 4, Suppl. 2, 14-21, 1978.

[Human, Environmental Exposure, Glyoxylates Urine, Half-Life, Mandelic Acids Urine, Monitoring Physiological, Styrenes Analysis Poisoning]

Institut universitaire de médecine sociale, Lausanne, Switzerland.

Exposure to styrene in a polymerization plant. Uptake in the organism and concentration in subcutaneous adipose tissue. (Fnglish)

Engström, J., Astrand, I., Wigaeus, E., Scand. J. Work environm. Hlth., 4, 324-9, Dec. 78.

[Human, Adipose Tissue Metabolism, Body Height, Body Weight, Chemical Industry, Environmental Exposure, Polymers, Respiratory Function Tests, Styrenes Meta-

Department of Occupational Health, National Board of Occupational Safety and Health, Stockholm, Sweden,

Uptake, distribution and elimination of styrene in man. Concentration in subcutaneous adipose tissue. (English) Engström, J., Bjurström, R., Astrand, I., Ovrum, P., Scand. J. Work environm. Hlth., 4, 315-23, Dec. 78.

[Human, Adipose Tissue Metabolism, Body Height, Body Weight, Environmental Exposure, Exertion, Half-Life, Haemodynamics Drug Effects, Respiratory Function Tests, Styrenes Metabolism]

Department of Occupational Health, National Board of Occupational Safety and Health, Stockholm, Sweden.

Neurophysiological effects of long-term exposure to a mixture of organic solvents. (English)

Seppäläinen, A. M., Husman, K., Mårtenson, C.,

Scand. J. Work environm. Hith., 4, 304-14, Dec. 78. [Human, Brain Drug Effects, Electroencephalography, Electromyography, Environmental Exposure, Motor Activity Drug Effects, Nervous System Diseases Chemically Induced Occurrence, Neural Conduction Drug Effects, Solvents Toxicity, Time Factors, Finland]

Department of Occupational Medicine, Institute of Occupational Health, Helskinki, Finland.

Aplastic anemia following exposure to paradichlorobenzene and naphthalene. (English)

Harden, R. A., Baetjer, A. M., J. occup. Med., 20, 820-2, Dec. 78.

[Human, Air Pollutants Poisoning, Air Pollutants Occupational Poisoning, Anaemia Aplastic Chemically Induced, Case Report, Chlorobenzenes Poisoning. Naphthalenes Poisoning, Occupational Diseases Chemically Induced1

Department of Medicine, The Johns Hopkins Hospital, Baltimore, Maryland, USA.

Precautions for use of ethylene oxide. (English)

McLeod, D. K., AORN J., 29, 340-3, Feb. 79.

[Human, Accidents Occupational Prevention and Control, Central Supply Hospital, Ethylene Oxide Poisoning, Sterilization Methods]

US Army Medical Research and Development Command,

Efficacy of sodium diethyldithiocarbamate (dithiocarb) in acute nickel carbonyl poisoning, (English)

Sunderman, F. W., Ann. clin. Lab. Sci., 9, 1-10, Jan.-Feb.

[Human, Animal, Rats, Case Report, Diethyldithiocarbamate Therapeutic Use, Ketones Poisoning, Lung Pathology, Nickel Metabolism Poisoning, Occupational Diseases Diagnosis Drug Therapy Pathology, Thiocarbamates Therapeutic Usel

Institute for Clinical Science, Hahnemann Medical College and Hospital, Philadelphia, Pennsylvania, USA

N-hexane maculopathy in industrial workers. (English)

Raitta, C., Seppäläinen, A. N., Huuskonen, M. S., Albrecht v. Graefes Arch. klin. exp. Ophthal., 209, 99-110, 15 Dec. 78.

Human, Colour Blindness Chemically Induced Diagnosis, Hexanes Adverse Effects, Macula Lutea Drug Effects, Occupational Diseases Chemically Induced, Retinal Diseases Chemically Induced Diagnosis, Vision Tests] Department of Ophthalmology, University of Helsinki, Finland

Coal gasification and occupational health. (English)

Young, R. J., McKay, W. J., Evans, J. M., Amer. industr. Hyg. Ass. J., 39, 985-97, Dec. 78.

[Human, Chemistry, Coal Analysis, Fuels Adverse Effects, Methane Analysis, Nitrogen Analysis, Occupational Diseases Chemically Induced, Polycyclic Hydro-carbons Analysis, Sulphur Analysis, Temperature, Trace Elements Analysis, Volatilization, Reviewl

National Institute for Occupational Safety and Health, Cincinnati, Ohio, USA.

Early diagnosis of occupational allergic dermatoses caused by formaldehyde-containing polymers. (Russian)

Leonov, V. A., Somov, B. A., Zhigulin, V. A., Vestn. Derm. Vener., 12, 6-11, Dec. 78.

[Human, Eczema Chemically Induced Diagnosis, Formaldehyde Adverse Effects, Occupational Dermatitis Diagnosis, Polymers Adverse Effects, Time Factors, English Abstract]

Chromosome studies in workers exposed to di-2-ethylhexyl phthalate. (German)

Thiess, A. M., Fleig, I., Zbl. Arbeitsmed. Arbeitsschutz. Prophyl., 28, 351-5, Dec. 78.

[Human. Chromosome Aberrations. Phthalate Adverse Effects, Occupational Diseases Chemically Induced, Phthalic Acids Adverse Effects, West Germany, English Abstract]

The problem of relationship between the exposure to polycyclic hydrocarbons and the incidence of cancer in 2 chemical plants of Thuringia. (German)

Schunk, W., Z. ärztl. Fortbild. (Jena), 73, 84-8, 15 Jan. 78. [Human, Carcinogens, Environmental Exposure, Neo-Occupational Diseases Chemically Induced, Polycyclic Hydrocarbons Adverse Effects, East Germany] Institut für Arbeitshygiene der Medizinischen Akademie Erfurt, East Germany.

Prevention, diagnosis and treatment of carbon monoxide poisoning in an East-Slovakian ironworks. (English)

Sedlák, J., Simková, T., Duraško, L., Simko, S., Antonič, B., Resuscitation, 6, 155-61, 1978.

[Human, Carbon Monoxide Poisoning Diagnosis Prevention and Control Therapy, Hyperbaric Oxygenation, Iron, Czechoslovakial

Department of Clinical Biochemistry, The Factory Hospital, Kosice-Saca, CSSR, Czechoslovakia.

Progressive dyspnea and diffuse pulmonary nodules in a dentist: a diagnostic dilemma. (English)

Fischbein, A., Chuang, M. T., Suzuki, Y., Rohl, A. N.,

Mt. Sinai J. Med. (NY), 45, 790-5, Nov.-Dec. 78.

[Human, Case Report, Dentists, Dyspnoea Chemically Induced, Lung Pathology, Occupational Diseases Chemically Induced Pathology, Petroleum Poisoning, Pneumonia. Lipid Chemically Induced Pathologyl

Health conditions of workers chronically exposed to ethyl gasoline and other petroleum products. (Polish)

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[Human Gasoline Poisoning, Health Status Indicators, Iditol Dehydrogenase Blood, Liver Drug Effects Enzymology, Petroleum Poisoning, Time Factors, English Abstract1

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[Human, Case Report, Disinfectants Adverse Effects. Ethylene Oxide Adverse Effects, Leukaemia Myeloblastic Myelocytic Chemically Induced, Macroglobulinaemia Chemically Induced, Mutagens, Sweden]

Departments of Occupational Medicine, Regional Hospital, Orebro, Sweden.

A controlled field trial of physiological responses to organophosphate residues in farm workers. (English)

Richards, D. M., Kraus, J. F., Kurtz, P., Borhani, N. O., Mull, R., Winterlin, W., Kilgore, W. W., J. environm. Pathol. Toxicol., 2, 493-512, Nov.-Dec. 78.

[Human, Acetylcholinesterase, Cholinesterases Blood, Erythrocytes Enzymology, Insecticides Organophosphate Analysis Toxicity, Organophosphorus Compounds Urine, Pesticide Residues Analysis Toxicity, Pseudocholinesterase Blood, Time Factors, United Government Supported, PHS1

Department of Community Health, School of Medicine, University of California, Davis, California, USA.

Monitoring and risk assessment by means of alkyl groups in hemoglobin in persons occupationally exposed to ethylene oxide. (English)

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Wallenberg Laboratory, University of Stockholm, Sweden. 2 (p-carboxyphenyl) 4,5 diphenylimidazole: new sensitizing agent in photo-processing. (English)

Dooms-Goossens, A., Holvoet, C., Degreef, H., Contact Derm., 4, 373, Dec. 78.

[Human, Case Report, Dermatitis Contact Aetiology, Imidazoles Adverse Effects, Occupational Dermatitis Chemically Induced, Photography]

Akademisch Ziekenhuis St. Raphael, Katholieke Universiteit, Leuven, Belgium.

Contact dermatitis to sodium N-methyldithiocarbamate. (English)

Schubert, H., Contact Derm., 4, 370-1, Dec. 78.

[Human, Dermatitis Contact Actiology, Occupational Dermatitis Chemically Induced, Thiocarbamates Adverse

Department of Dermatology, Medical School of Erfurt, East Germany.

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Crow, K. D., Peachey, R. D., Adams, J. E., Contact Derm., 4, 359-61, Dec. 78.

[Human, Dermatitis Contact Aetiology, Ethylenediamines Adverse Effects, Hand Dermatoses Chemically Induced Occurrence, Occupational Dermatitis Chemically Induced Occurrence, Oils Adverse Effects, Englandl

Princess Margaret Hospital, Swindon, Wiltshire, England. Chloroprene (2-chloro-1, 3-butadiene)—what is the evidence for its carcinogenicity? (English)

Haley, T. J., Clin. Toxicol., 13, 153-70, 1978.

[Human, Animal, Butadienes Pharmacodynamics, Carcinogens. Chloroprene Analysis Chemical Synthesis Metabolism Pharmacodynamics, Lethal Dose 50, Metabolism Drug Effects, Reviewl

Department of Health, Education, and Welfare, Food and Drug Administration, National Center for Toxicological Research, Jefferson, Arkansas, USA.

Toxic encephalopathy from chlorobenzilate poisoning: report of a case. (English)

Ravindran, M., Clin. Electroencephalogr., 9, 170-2, Oct. 78. [Human, Benzilates Poisoning, Brain Diseases Chemically Induced Diagnosis. Case Report, Electroencephalography, Insecticides Organochlorine Poisoning

Contact allergy/photo allergy to glyceryl PABA and benzocaine. (English)

Caro, I., Contact Derm., 4, 381-2, Dec. 78.
[Human, Aminobenzoic Acids Benzocaine Adverse Effects, Case Report, Dermatitis Contact Actiology, Occupational Dermatitis Actiology, Photosensitization Chemically Induced1

Department of Dermatology, University of North Carolina. School of Medicine, Chapel Hill, North Carolina, USA.

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Dyro, F. M., Clin. Toxicol., 13, 371-6, 1978.

[Human, Butanones Poisoning, Case Report, Maximum Permissible Exposure Level, Nervous System Diseases Chemically Induced, Shoes, Solvents Poisoning]

Department of Neurology, Temple University, Philadelphia, Pennsylvania, USA.

New case of sensitization to nyloprint. (English)

Castelain, P. Y., Piriou, A., Contact Derm., 4, 310-1. Oct. 78.

[Human, Case Report, Dermatitis Contact Actiology, Printing, Resins Adverse Effects]

Allergy to turpentine, lanolin and nickel in Strasbourg. (English)

Foussereau, J., Contact Derm., 4, 300, Oct. 78.

[Human, Dermatitis Contact Aetiology Occurrence, Lanolin Adverse Effects, Nickel Adverse Effects, Turpentine Poisoning, Francel

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Baumann, K., Angerer, J., Int. Arch. occup. environm. Hlth., 42, 241-9, 15 Jan. 79.

[Human, Alcohol Methyl Adverse Effects, Environmental Exposure, Formic Acids Blood Urine, Solvents Adverse

Allergic contact sensitization to the fungicide Maneb. (English) Nater, J. P., Terpstra, H., Bleumink, E., Contact Derm., 5, 24-6, Jan. 79.

[Human, Case Report, Dermatitis Atopic Chemically Induced, Dermatitis Contact Aetiology, Eczema Chemically Induced, Immunization, Maneb Adverse Effects, Occupational Dermatitis Chemically Induced, Skin Tests, Thiocarbamates Adverse Effects]

Department of Dermatology, State University Hospital, Groningen, The Netherlands.

Recently reported causes of contact dermatitis due to synthetic resins and hardeners. (English)

Malten, K. E., Contact Derm., 5, 11-23, Jan. 79.

[Acrylamides Adverse Effects, Acrylates Adverse Effects, Alcohols Adverse Effects, Chemistry Physical, Cyanates Adverse Effects, Cyanoacrylates Adverse Effects, Dermatitis Contact Aetiology, Epoxy Resins Adverse Effects, Formaldehyde Adverse Effects, Methacrylates Adverse Effects, Occupational Dermatitis Chemically Induced, Plastics Adverse Effects, Polymers, Resins Synthetic Adverse Effects, Sulphonic Acids Adverse Effects]
Section of Occupational Dermatology, Catholic University,

Javastraat 104, Nijmegen, The Netherlands.

Occupational palmar psoriasis due to safety prescription container caps. (English)

Fisher, A. A., Contact Derm., 5, 56, Jan. 79.

[Human, Drug Packaging, Hand Dermatoses Aetiology, Occupational Dermatitis Aetiology, Pharmacists, Psoriasis Aetiology]

Department of Dermatology, New York University Postgraduate Medical School, New York, NY, USA.

Colophony in cutting oil and in soap water used as cutting fluid. (English)

Fregert, S., Contact Derm., 5, 52, Jan. 79.

[Human, Case Report, Dermatitis Atopic Chemically Induced, Dermatitis Contact Aetiology, Hand Dermatoses Chemically Induced, Oils Adverse Effects, Resins Adverse Effects, Soaps Adverse Effects, Water]

Department of Occupational Dermatology, University Hospital, S-221 85 Lund, Sweden.

Allergic contact dermatitis of hands due to industrial oils and fluids. (English)

Fisher, A. A., Cutis, 23, 131, 134, 138, passim, Feb. 79. [Human, Allergens Administration and Dosage, Dermatitis Atopic Chemically Induced, Dermatitis Contact Actiology, Ethylenediamines Administration and Dosage, Hand Dermatoses Chemically Induced, Industry, Metals Administration and Dosage, Occupational Dermatitis Chemically Induced, Oils Adverse Effects, Patch Tests, Thiazoles Administration and Dosage, Triazines Administration and Dosage]

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[Human, Brain Diseases Chemically Induced, Carbon Monoxide Poisoning Aetiology, Carbon Monoxide Metabolism, Case Report, Hydrocarbons Chlorinated Adverse Effects, Methylene Chloride Adverse Effects Metabolism]

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Tyrer, F. H., J. Soc. occup. Med., 29, 22-4, Jan. 79. [Human, Case Report, Cyanates Adverse Effects, Paint

Adverse Effects, Respiratory Tract Diseases Chemically Induced

Course and outcome of toxic polyneuropathy in shoemakers. Electromyographic and electroneurographic serial studies. (Italian)

Perticoni, G., Cianchetti, C., D'Alessandro, P., Abbritti, G., Riv. Neurol., 48, 513-7, Sep.-Oct. 78.

[Human, Adhesives Adverse Effects, Electromyography, Neural Transmission, Neuromuscular Junction Physiopathology, Polyneuritis Physiopathology, Shoes Adverse Effects]

Long-term effects of an organophosphate upon the human electroencephalogram. (English)

Duffy, F. H., Burchfiel, J. L., Bartels, P. H., Gaon, M., Sim, V. M., Toxicol. appl. Pharmacol., 47, 161-76, Jan. 79. [Human, Electroencephalography, Hyperventilation Physiopathology, Organophosphorous Compounds Poisoning, Sarin Poisoning, Sleep Physiology]

Seizure Unit Neurophysiology Laboratory, Department of Neurology, Children's Hospital Medical Center, Boston, Massachusetts, USA.

Ethylene dichloride (1,2-dichloroethane). (English)

Millar, J. D., Vet. Hum. Toxicol., 21, 31-3, Feb. 79. [Human, Animal, Mice, Rats, Carcinogens, Environmental Exposure, Ethylene Dichlorides Pharmacodynamics Toxi-

city, Hydrocarbons, Chlorinated Pharmacodynamics]
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Schiller, B., Verh. dtsch. Ges. Path., 62, 391, 1978.

[Animal, Rats, Endoplasmic Reticulum Drug Effects, Lung Drug Effects, Pulmonary Alveoli Drug Effects, Resins Synthetic Toxicity, Triazines Toxicity]

Mechanism of the sensitizing action of polyester varnishes and the ways to prevent occupational allergic dermatoses. (Russian)

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[Human, Acrylic Resins Adverse Effects]

Results of the detection of amine tumors in exposed workers (Author's translation). (French)

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7 Effects of animal and mineral substances

Immunological tests in the diagnosis and monitoring of alveolitis. (German)

Bartmann, K., Prax. klin. Pneumol., 33, 1-14, Jan. 79. [Actinomycetales Immunology, Alveolitis Extrinsic Allergic Aetiology Immunology, Antibody Specificity, Antigens, Aspergillosis Immunology, Bird Fancier's Lung Immunology, Farmer's Lung Immunology, Lung Diseases Diagnosis Immunology, Occupational Diseases Immunology, Polysaccharides, Precipitins Analysis, Protozoa Immunology, Spores Fungal]

Klinik Aprath, Laborabteilung.

Humidifier fever: an occupational disease in the graphic arts industry. (Norwegian)

Leira, H. L., T. norske Laegeforen., 99, 283-4, 20 Feb. 79. [Human, Alveolitis Extrinsic Allergic Aetiology, Case Report, Humidity, Occupational Diseases Aetiology, Printing, English Abstract]

Function of external respiration in machine operators and cattle breeders. (Russian)

Bogoiavlenskii, V. F., Sigitova, O. N., Ter. Arkh., 50, 77-80, 1978.

[Human, Animal, Cattle, Agricultural Workers' Diseases

Physiopathology, Animal Husbandry, Case Report, Comparative Study, Pulmonary Emphysema Physiopathology, Rural Health, Time Factors, Russian Federation (Europe), English Abstract]

Is passive immunisation against hepatitis B a luxury, danger or necessity for dialysis patients and staff? (English)

Burck, H. C., Berg, P., Proc. Eur. Dial. Transplant Ass., 15, 130-5, 1978.

[Human, Antibodies Viral Administration and Dosage, Cross Infection Prevention and Control, Haemodialysis Adverse Effects, Hepatitis B Prevention and Control, Hospital Units Standards, Immunity Passive, Immunization, Occupational Diseases Prevention and Control, Personnel Hospitall

Abteilung für Intensivmedizin und Dialyse, Städt. Krankenhaus. Kiel. West Germany.

Epidemiology of hepatitis B among endodontists. (English) Goldstein, J., Morse, K., Gullen, W., J. Endod., 4, 336-9, Nov. 78.

[Human, Cross Infection, Endodontics, Hepatitis B Occurrence, Risk]

Serology of farmer's lung. (Finnish)

Terho, E. O., Duodecim, 95, 20-5, 1979.

[Human, Actinomyces Immunology, Antibodies Fungal Analysis, Antigens Fungal, Aspergillus Immunology, Farmer's Lung Diagnosis Immunology Microbiology, Male, Middle Age, English Abstract]

Cutaneous anthrax: a case report. (English)

Taaffe, A., Knight, A., Clin. exp. Dermatol., 3, 425-8, Dec. 78.

[Human, Anthrax Pathology, Case Report, Forearm, Skin Diseases Infectious Pathology, Textile Industry]

Antibodies against purified pigeon IgA in pigeon breeders' disease. (English)

de Ridder, G., Goudswaard, J., Berrens, L., Z. Immunitaetsforsch. Immunobiol., 155, 223-31, Feb. 79.

[Human, Animal, Alveolitis Extrinsic Allergic Immunology, Anti-Antibodies Analysis, Antigens, Bird Fancier's Lung Immunology, Complement, Faeces Immunology, IgA, Pigeons Immunology, Precipitins Analysis]

Department of Dermatology, Division of Experimental Allergy, University Hospital, Utrecht, The Netherlands.

Semliki forest virus: cause of a fatal case of human encephalitis. (English)

Willems, W. R., Kaluza, G., Boschek, C. B., Bauer, H. Hager, H., Schutz, H. J., Feistner, H., Science, 203, 1127-9, 16 Mar. 79.

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Instut für Virologie, Fachbereich Humanmedizin, Justus Liebig-Universität, Giessen, Federal Republic of Germany. Surveillance of human brucellosis in France (Author's trans-

lation). (French)
Roux, J., Rev. Epidemiol. Med. Soc. Sante Publique, 25

427-36, 15 Mar. 78. [Human, Animal, Cattle Brucellosis Diagnosis Occurrence Transmission, Brucellosis Bovine Transmission, Carrier State, Disease Reservoirs, Food Microbiology, France, English Abstract]

Groupe de Recherches sur les Brucelloses et les relations Bactéries-Cellules, Institut de Biologie, Montpellier, France

Notes on mycotoxins as natural and occupational hazards of man. (English)

Austwick, P. K., Mycopathologia (Den Haag), 65, 51-3, 18 Dec. 78.

[Human, Diagnosis Differential, Environmental Exposure, Mycotoxins Poisoning Toxicity]

Medical Research Council Toxicology Unit, Carshalton, Surrey, England.

The evidence for cell-mediated immunity in the pathogenesis of bird breeder's disease (Author's translation). (Japanese)

Konishi, K., Arai, S., Tanno, Y., Terukina, S., Honda, I., Hida, W., Takishima, T., Nippon Kyobu Shikkan Gakkai Zasshi, 16, 898-905, Dec. 78.

[Human, Alveolitis Extrinsic Allergic Aetiology, Bird Fancier's Lung Aetiology Immunology, Case Report, HL-A Antigens Analysis, Immunity Cellular, Lymphocyte Transformation. English Abstractl

Viral hepatitis and HB antigen, Viral hepatitis and occupationrelated diseases, (Japanese)

Maki, K., Kango Gijutsu, 25, 96-111, Feb. 79.

[Human, Hepatitis B Antigens, Hepatitis B Immunology Prevention and Control, Nursing Care, Nursing Records]

Occurrence of haemorrhagic fever among persons involved in animal experimentation (Author's translation). (Japanese) Umenai, T., Rinsho Byori, 26, 1011-3, Dec. 78.

[Human, Animal, Dogs, Mice, Monkeys, Rabbits, Rats, Haemorrhagic Fevers Viral Occurrence, Laboratory Infection Occurrence, Japan]

Byssinosis. (English)

Piccirillo, R. E., W. Va Med. J., 75, 65-70, Mar. 79. [Human, Byssinosis Diagnosis]

Rabies: human exposure potential in Africa. (English)

Oboegbulem, S. I., Int. J. Zoonoses, 5, 80-90, Dec. 78. [Human, Animal, Dogs, Animals Domestic, Animals Wild, Disease Reservoirs Veterinary, Dog Diseases Occurence, Rabies Occurrence Prevention and Control Transmission Veterinary, Africa]

Department of Veterinary Pathology, University of Nigeria, Nsukka, Nigeria.

Human anthrax in Iran: an epidemiological study of 468 cases.
(English)

Parvizpour, D., Int. J. Zoonoses, 5, 69-74, Dec. 78.

[Human, Anthrax Occurrence Transmission, Retrospective Studies, Skin Diseases Infectious Occurrence, Iran] Department of Occupational Health, School of Public Health, Teheran University, Iran.

Pigeon IgA: a major antigen in pigeon breeder's disease. (English)

Goudswaard, J., Noordzij, A., Stam, J. W., Immunol. Commun., 7, 661-8, 1978.

[Human, Animal, Pigeons, Alveolitis Extrinsic Allergic Immunology, Antigens, Bird Fancier's Lung Immunology, Dust, Feathers Immunology, IgA Immunology Isolation and Purification, IgG Immunology, Immune Serums Pharmacodynamics, Immunoelectrophoresis]

Department of Immunology, Faculty of Veterinary Medicine. University of Utrecht, The Netherlands.

Type I allergy from cows in veterinary surgeons. (English)
Prahl, P., Roed-Petersen, J., Contact Derm., 5, 33-8, Jan.

[Human, Animal, Allantois Immunology, Amnion Immunology, Antigens, Asthma Immunology, Cattle Immunology, Comparative Study, Dermatitis Atopic Immunology, Dermatitis Contact Immunology, Eczema Dermatitis Contact Immunology, IgE Analysis, Immunolectrophoresis Methods, Occupational Dermatitis Immunology, Skin Tests, Surgery Veterinary, Veterinary Medicine]

Laboratory of Clinical Allergology, Medical Department TA, Rigshospitalet, Copenhagen, Denmark.

Microbiological and serological studies of farmers' lung in Finland. (English)

Terho, E. O. Lacey, J., Clin. Allergy, 9, 43-52, Jan. 79. [Human, Actinomycetales Immunology, Antigens Bacterial, Aspergillus Isolation and Purification, Farmer's Lung Immunology Microbiology, Penicillium Isolation

and Purification, Precipitins Isolation and Purification, Spores Fungal Isolation and Purification, Finlandl

Department of Diseases of the Chest, University of Turku, Finland.

8 Effects of physical agents

Roles of nitrogen, oxygen, and carbon dioxide in compressedair narcosis. (English)

Hesser, C. M., Fagraeus, L., Adolfson, J., Undersea biomed. Res., 5, 391-400, Dec. 78.

Human, Atmospheric Pressure, Carbon Dioxide Adverse Effects, Inert Gas Narcosis Aetiology Physiopathology, Nitrogen Adverse Effects. Oxygen Adverse Effects. Respiration

Department of Environmental Medicine, Karolinska Institutet, Stockholm, Sweden.

Chromosome aberrations as a biological dose-response indicator of radiation exposure in uranium miners. (English) Brandom, W. F., Saccomanno, G., Archer, V. E., Archer, P. G., Bloom A. D., Radiat. Res., 76, 159-71, Oct. 78. [Human, Chromosome Aberrations, Dose-Response Relationship Radiation, Environmental Exposure, False Negative Reactions, Lymphocytes Ultrastructure, Mining, Radioisotopes, Radon, Risk, Uraniuml

Department of Biological Sciences, University of Denver, Colorado, USA.

Occupational radiation exposure of women workers. (English) Hunt, V. R., Prev. Med., 7, 294-310, Sep. 78.

[Human, Abnormalities Radiation-Induced Actiology, Breast Neoplasms Occurrence, Embryo Radiation Effects. Environmental Exposure, Foetus Radiation Effects, Mice. Pregnancy Radiation Dosage, Radiation Effects, Radiation Genetics, Radiation Injuries Complications, Radioisotopes Adverse Effects, Thyroid Neoplasms Occurrence. Japanl

College of Human Development, Pennsylvania State University, University Park, Pennsylvania, USA.

Low-level radiation and cancer deaths. (English)

Sanders, B. S., Hlth. Phys., 34, 521-38, Jun. 78. [Human, Comparative Study, Family, Insurance Benefits, Longevity, Neoplasms Radiation-Induced Mortality, Nuclear Reactors, Occupational Diseases Aetiology, Radiation Dosage, Radiation Ionizing Adverse Effects, Retrospective Studies, Social Security1

Radiological safety assessment for a low-level radioactive solid waste storage facility: preliminary risk evaluation by reliability techniques. (English)

Morisawa, S., Inoue, Y., Wadachi, Y., Kato, K., Hlth. Phys., 35, 817-34, Dec. 78.

[Accidents Occupational Prevention Radiation Protection Standards, Radioactive Waste, Refuse Disposal Instrumentation Standards, Water Pollution Radioactive Prevention and Controll Department of Sanitary Engineering, Faculty of Engin-

eering, Kyoto University, Japan. Alpha irradiation of the skin and the possibility of late effects.

(English) Sevcová, M., Sevc, J., Thomas, J., Hlth. Phys., 35, 803-6,

Dec. 78. [Human, Alpha Particles, Carcinoma Basal Cell Occur-

rence, Mining, Neoplasms Radiation-Induced Occurrence, Skin Neoplasms Occurrence, Skin Radiation Effects, Uranium, Czechoslovakia]

Health Institute of Uranium Industry, Department of Dermatology, Příbram, CSSR, Czechoslovakia

Radiation exposures of Hanford workers: a critique of the Mancuso, Stewart and Kneale report. (English) Anderson, T. W., Hlth. Phys. 35, 743-50, Dec. 78.

[Human, Age Factors, Epidemiological Methods, Leukaemia, Lung Neoplasms, Multiple Myeloma, Neoplasms Radiation-Induced, Pancreatic Neoplasms Occurrence, Radiation Dosage, Statistics1

Department of Preventive Medicine and Biostatistics, Faculty of Medicine. University of Toronto, Ontario, Canada.

Radiation-induced chromosome aberrations in nucleardockvard workers. (English)

Evans, H. J., Buckton, K. E., Hamilton, G. E., Carothers. A., Nature, 277, 531-4, 15 Feb. 79.

[Human, Chromosome Aberrations, Dose-Response Relationship Radiation, Lymphocytes Radiation Effects, Maximum Permissible Exposure Level, Nuclear Reactors] Medical Research Council, Clinical and Population Cytogenetics Unit, Western General Hospital, Edinburgh, Scotland.

Industrial noise. (English)

Pelmear, P. L., Practitioner, 221, 668-74, Nov. 78.

IHuman, Audiometry, Disability Evaluation, Ear Protective Devices, Health Education, Hearing Loss Noise-Induced Prevention and Control, Legislation, Noise Occupational Prevention and Control, Great Britain GKN Forgings Limited, Bromsgrove, Worcestershire,

England.

Risk with energy from conventional and nonconventional sources. (English)

Inhaber, H., Science, 203, 718-23, 23 Feb. 79. [Industrial Waste, Occupational Medicine, Power Plants, Public Health, Riskl

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[Air Pollutants Analysis, Air Pollutants Radioactive Analysis, Environmental Health, Maximum Permissible Exposure Level, Nuclear Fission, Nuclear Medicine, Power Plants, Radioactive Fallout Analysisl

Vibration syndrome of vibrating tool users in a factory of steel foundry. Part I. Complained symptoms. Part II. Disturbances of the cutaneous senses and the blood flow of fingers (Author's translation). (Japanese)

Suzuki, H., Sangyo Igaku, 20, 261-75, Sep. 78.

[Human, Blood Flow Velocity, Fingers Blood Supply, Occupational Diseases Occurrence Physiopathology, Pain, Ouestionnaires, Raynaud's Disease Occurrence Physiopathology, Sensation, Sensory Thresholds, Skin Temperature, Skin Innervation, Vibration Adverse Effect, Japan, English Abstractl

Department of Hygiene, Fukushima Medical School, Japan.

Regular patterns of central acoustic masking, 1. (German) Gusjew, J. K., Z. Psychol., 186, 311-40, 1978.

[Human, Acoustics, Hearing Loss Noise-Induced Physiopathology, Hearing Tests, English Abstract]

Suitability criteria for persons occupationally exposed to radiation. (German)

Eder, K., Strahlenschutz Forsch. Prax., 19, 90-7, 1978. [Human, Environmental Exposure, Radiation Protection]

Experience report on the incorporation surveillance of persons exposed to occupational radiation and on subsequently derived deductions for the execution of the radiation protection regulation from the viewpoint of the evaluating authority. (German)

Schmier, H., Strahlenschutz Forsch. Prax., 19, 82-90, 1978. [Human, Government Agencies, Legislation Medical, Radiation Protection, West Germanyl

Physical radiation-protection control following the Radiation Protection Act. (German)

Nitschke. J., Strahlenschutz Forsch, Prax., 19, 78-81. 1978

[Human, Legislation Medical, Radiation Protection, Germanyl

Critical comments on medical surveillance following the Radiation Protection Act. (German)

Eder, K., Strahlenschutz Forsch. Prax., 19, 103-7, 1978. [Human, Legislation Medical, Radiation Protection, West Germanyl

Medical problems of fresh water diving. (English)

Khan, M. Y., J. Indian med. Ass., 71, 118-20, 1 Sep. 78. [Human, Diving, Fresh Water, Occupational Diseases Aetiology Mortality, India)

Classification of degenerative bone lesions in operators of motor saws. (Polish)

Jaroszek, E., Lewicki, X., Med. Pr., 29, 435-40, 1978.

[Human, Agricultural Workers' Diseases Classification. Osteochondritis Classification Aetiology, Osteonecrosis Classification Actiology, Vibration Adverse Effects. English Abstract1

Z Wojewódzkiej Przychodni Przemstowej w Kielcach. Poland.

Development of noise and vibration ride comfort criteria. (English)

Dempsey, T. K., Leatherwood, J. D., Clevenson, S. A., J. acoust. Soc. Amer., 65, 124-32, Jan. 79.

[Human, Aircraft, Noise Transportation, Psychophysics. Vibration

NASA Langley Research Center, Hampton, Virginia. USA.

Noise-induced hearing loss and blood pressure. (English) Manninen, O., Aro, S., Int. Arch. occup. environm. Hlth., 42, 251-6, 15 Jan. 79.

[Human, Blood Pressure Determination, Blood Pressure, Hearing Loss Noise-Induced Physiopathologyl

9 Methods of investigation of body function

Industrial substances and microsomal enzymes: interactions and their significance for health risk. (German)

Freundt, K. J., Zbl. Arbeitsmed. Arbeitsschutz. Prophyl., 28, 337-47, Dec. 78.

[Human, Animal, Biotransformation, Enzyme Induction, Hydroxylases Antagonists and Inhibitors Biosynthesis Metabolism, Microsomes, Liver Enzymology, Occupational Medicine, Review, English Abstractl

Significance of liver biopsy for the diagnosis of occupational liver lesions (histopathological examination). (German) Riedel, H., Z. ges. inn. Med., 33, 881-7, 15 Dec. 78.

[Human, Biopsy, Environmental Exposure, Liver Diseases Pathology, Nitro Compounds, Occupational Diseases Pathology, Solvents Tetrachloroethylene Trichloroethylene Adverse Effects, English Abstract1

Pathologischen Institut des Bezirkskrankenhauses Dresden-Friedrichstadt, East Germany.

General assessment of impaired ventilatory function by means of principal component analysis (Author's translation). (Japanese)

Minani, Y., Homma, Y., Ohsaki, Y., Murao, M., Sasaki,

Y., Okuda, M., Nippon Kyobu Shikkan Gakkai Zasshi, 16. 825-9, Dec. 78.

[Human, Analysis of Variance, Lung Volume Measurements. Respiratory Airflow, Respiratory Function Tests. Silicosis Physiopathology, Spirometry, English Abstract]

Gradient pattern coding—an application to the measurement of pneumoconiosis in chest X-rays. (English)

Jagoe, J. R., Comput. Biomed. Res., 12, 1-15, Feb. 79. [Human, Coal Mining, Comparative Study, Computers, False Negative False Positive Reactions, Lung Radiography, Pattern Recognition, Pneumoconiosis Classification Radiographyl

Clinical Research Centre, Division of Medical Computing, Watford Road, Harrow, Middlesex HA1 3UJ, England.

Sampling of biological material and toxico-chemical analysis in occupational poisoning. (Serbo-croat)

Prpić Majić, D., Arh. Hig. Rada., 29, 157-96, 1978. [Human, Occupational Diseases Blood Chemically Induced Diagnosis Urine, Specimen Handling, Review, English Abstract1

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