

OCCUPATIONAL MEDICINE IN EAST EUROPEAN JOURNALS OF 1994; part 1

JOLANTA PRZYŁUSKA and ANNA MILCZARSKA

Department of Scientific Information
The Nofer Institute of Occupational Medicine
Lodz, Poland

1. Hygienic evaluation of the working environment

1.1. Chemical substances

- Kosoj GC, Ksesina AJ, Orzech MJ.* Quantitative evaluation of total release of benzpyrene by modern coal-tar batteries. (Količestvennaja ocenka valovogo vybrosa benz(a)pirena sovremennymi koksovnyimi batarejami.)* Med Tr Promyšl Ėkol 4: 9–12, 1994, 10 ref. sum. (in Russian).
- Novikov SM, Semenovykh LN.* Methodology of determination of maximum allowable levels of exposure to industrial harmful substances adopted in the USA. (Osobennosti metodologii ustanovlenija predel'no dopustimyh urovnej vozdejstvija promyšlennykh vrednykh veščestv, prinjatoj v SŠA.) Gig Sanit 2: 25–30, 1994, 20 ref. sum. (in Russian).
- Omel'jančik MS.* The problems of labour hygiene in the ethyl alcohol production. (Voprosy gigieny truda v proizvodstve etilovogo spirta.) Gig Sanit 3: 23–25, 1994, 9 ref. sum. (in Russian).
- Rumjancev GI, Kozlova TA, Atjakina IK.* The problems of labour hygiene in the production of nitric acid. (Voprosy gigieny truda v proizvodstve azotnoj kisloty.) Gig Sanit 2: 23–25, 1994, 3 ref. (in Russian).
- Stepanova NI.* Demercurization by ozonizing. (Demerkurizacija ozonirovaniem.) Med Tr Promyšl Ėkol 2: 34–36, 1994, 2 ref. sum. (in Russian).
- Sue GL.* Comparative evaluation of Chinese, Russian and American MACs for chemical hazards in the workplace air. (Sravnitel'naja ocenka veličin PDK vrednykh veščestv v vozduche rabočej zony, ustanovlennykh v KNR, Rossii i SŠA.) Med Tr Promyšl Ėkol 1: 22–26, 1994, 3 ref. sum (in Russian).

1.2. Physical agents

- Belogolovskij GG, Stachova VA, Bokov AN, Chabachbašev JM, Stepanenko AF, Gil'denberg EA, Strekalovskij SR.* Hygienic assessment of artificial lighting on river vessels. (Gigieničeskaja ocenka iskusstvennogo osveščenija na rečnykh sudach.) Gig Sanit 3: 52, 1994, 7 ref. (in Russian).
- Belogolovskij GG, Stachova VA, Bokov AN, Chabachbašev JM, Stepanenko AF, Ganockij VG, Gil'denberg EA, Strekalovskij SP, Kvasov AR.* Hygienic assessment of noise and vibration in the river vessels. (Gigieničeskaja ocenka šuma i vibracii na rečnykh sudach.) Gig Sanit 3: 29–30, 1994, 16 ref. (in Russian).
- Franić Z.* Equivalent dose or dose equivalent? (Ekvivalentna doza ili dozni ekvivalent?) Arh Hig Rada Toksikol 45: 1, 39–54, 1994, 42 ref. sum. (in Croatian).
- Goldoni J.* Non-ionizing radiation protection in medicine. (Zaštita od neionizirajućih zračenja u medicini.) Arh Hig Rada Toksikol 45: 2, 175–187, 1994, 11 ref. sum. (in Croatian).

*Original titles in parentheses

1.3. Industrial dusts

- Burova SA, Merkulova EA, Egorova TP.* Investigation of fungal contamination of library rooms. (Issledovanie gribkovoj obsemennosti pomeščenij bibliotek.) *Gig Sanit* 2: 49–50, 1994, 7 ref. (in Russian).
- Miškova I, Kotešovec F.* Atmosphere sampling using the personal equipment for sample collection. (Odbery ovzduší pomoci osobních odberových souprav.) *Hygiena* 39: 1, 5–9, 1994, 4 ref. sum. (in Czech).
- Nikitin NI, Nesterenko AA.* Method for a quantitative assessment of aerosol formation in a microbiological laboratory. (Metod količestvennoj ocenki opasnosti aërozoleobrazovanija v mikrobiologičeskij laboratorii.) *Gig Sanit* 2: 50–52, 1994, 10 ref. (in Russian).
- Povarov AV, Silla RV.* Hygienic evaluation of the air in main workplaces of the stationary asphalt concrete plants. (Gigieničeskaja ocenka vozdušnoj sredy osnovnych rabočich zon stacionarnykh asfal'tobetonnykh zavodov.) *Med Tr Promyšl Ėkol* 2: 41–43, 1994, 3 ref. (in Russian).
- Putilina ON.* Experimental evaluation of coal and rock dust absorbing chemical hazards released from synthetic resins. (Ėksperimental'naja ocenka šorbčii ugol'noj i porodnoj pyl'ju vrednich veščestv, vydělajajuščichsja iz sintetičeskich smol.) *Med Tr Promyšl Ėkol* 2: 11–13, 1994, 5 ref. sum. (in Russian).

2. Experimental pathology

2.1. Evaluation of chemicals toxicity

- Beljaev VA, Šugaev VA.* Modern approaches to the hygienic regulations on chemicals in the air. (Sovremennye podchody k gigieničeskom normirovaniju chimičeskich veščestv v vozduche.) *Med Tr Promyšl Ėkol* 3: 14–17, 1994, 2 ref. sum. (in Russian).
- Carević M, Carević O.* The effects of 2,3,7,8-tetrachlorodibenzo-p-dioxin on human polymorphonuclear leucocytes. *Arh Hig Rada Toksikol* 45: 2, 161–166, 1994, 26 ref. (in English).
- Grechova TD, Neizvestnova EM, Konstantinova LI, Dobroljubova LP, Babakova OM, Petelina EV, Fomina AS.* Maximal allowable concentrations of aluminium sulfate and its coagulants in the air of workplace. (Obosnovanie gruppovoj predel'no dopustimoj koncentracii aljuminija sul'fata i koagulantov na ego osnove v vozduche rabočej zony.) *Med Tr Promyšl Ėkol* 1: 26–28, 1994, 6 ref. sum. (in Russian).
- Karnauch NG, Lugovskij SP, Kruševskij VD, Bazovkin PS, Bednarik ON.* The character of combined effect of basic chemical elements in the ceramet production. (Charakter kombinirovannogo dejstva osnovnykh chimičeskich elementov v proizvodstve metallokeramiki.) *Gig Sanit* 2: 34–35, 1994, 2 ref. sum. (in Russian).
- Kassa J.* Effect of a new reactivator HI-6 in combination with benactizine on the cholinergic and non-cholinergic effects of dichlorvos as compared with the effect of toxogonin and atropin (Efekt nového reaktivátoru HI-6 v kombinaci s benaktizinem na cholinergní a necholinergní účinky dichlorvosu ve srovnání s účinkem toxogoninu s atropinem.) *Pracov Léč* 46: 2, 51–54, 1994, 24 ref. sum. (in Czech).
- Kuz'minov BP, Bisjarin JV, Galuška AI, Karačinceva MJ, Kokot VR, Nektegaev IA, Čura DA.* Toxicologic evaluation of thiocarbonylhydrazide. (Toksikologičeskaja ocenka tiokarbogidrazida.) *Med Tr Promyšl Ėkol* 2: 43–45, 1994, 6 ref. (in Russian).
- Murkova MV, Novikov SM, Mel'nikova NN, Nerjueva VV, Semenovych LN.* Substantiation of maximum single-acting allowable concentration for isobutylbenzoate in the ambient air of populated areas. (Obosnovanie maksimal'no razovoj predel'no dopustimoj koncentracii izobutilbenzoata v atmosfer-nom vozduche naselennykh mest.) *Gig Sanit* 2: 15–16, 1994, 3 ref. (in Russian).
- Nedelceva V, Gut I.* Human and rat cytochromes P-450: the importance of their comparison for toxicology and methods of investigation. (Lidské a potkaní cytochromy P-450: význam jejich srovnání pro toxikologii a metody jejich studia.) *Pracov Léč* 46: 2, 58–67, 1994, 112 ref. (in Czech).
- Nerjueva VV, Novikov SM, Mel'nikova NN, Murkova MV, Abilev SK, Semenovych LN.* Hygienic standardization of Chladon 122A in the atmospheric air of settlements. (K voprosu higieničeskogo



- normirovanija chladona 122A v atmosfernom vozduche naselennykh mest.) *Gig Sanit* 3: 4–6, 1994, 8 ref. (in Russian).
- Paran'ko NM, Gončarov SI, Sitalo SG, Streleckaja EI.* Materials for setting TIV for DCTI-150A in the air of workplace. (Materialy k obosnovanju OBUV DCTI-150A v vozduche rabočej zony.) *Med Tr Promyšl Ėkol* 4: 33–34, 1994, 2 ref. (in Russian).
- Podkin JS, Rozenberg EE, Ščerbakov SV.* Effects of inorganic fluorides if resorbed from the skin. (Kožno-rezorbtiivnoe dejstvie neorganičeskikh floridov.) *Med Tr Promyšl Ėkol* 4: 12–15, 1994, 10 ref. sum. (in Russian).
- Ryžova NI, Savlučinskaja LA, Michajlovskij NJ.* Express assessment of potential blastomogenic properties of substances and materials used in medical practice (review). (Ėkspresnaja ocenka potencial'nykh blastomogennykh svojstv veščestv i materialov, ispol'zuemykh v medicinskoj praktike (obzor.) *Gig Sanit* 3: 58–60, 1994, 50 ref. (in Russian).
- Šechter OV, Choldakova ZI, Sinicyna OO, Muchambetova LC.* A method for sulfocyanate measurements in biological material. (Metod opredelenija soderžanija rodanidov v biologičeskom materiale.) *Gig Sanit* 2: 54–55, 1994, 12 ref. (in Russian).
- Trachtenberg IM, Koršun MN, Krasnokutskaja LM, Zapadnjuk AN.* On hygienic interpretation of chemicals chronotoxicity data. (O gigieničeskoj interpretacii dannykh chronotoksičnosti chimičeskikh veščestv.) *Gig Sanit* 2: 55–56, 1994, 7 ref. (in Russian).
- Tulinská J, Štolcová E, Kubová J, Ginter E.* Influence of cadmium and vitamin C on the phagocytic activity of leucocytes in guinea pigs. (Vplyv kadmia a vitaminu C na fagocytárnu aktivitu krvnych leukocytov u morčiat.) *Hygiena* 39: 2, 67–73, 1994, 19 ref. sum. (in Czech).
- Ubakov SA, Vančugova NN, Grebennikov SA, Fraš VN.* Mutagenic effect of asbestos, modified by the combination with ethanol, coffee and fumigating resin. (Modifikacija mutagenogo dejstvija asbesta pri sočetaanii s étanolom, kofe i kuritel'noj smoloi.) *Med Tr Promyšl Ėkol* 2: 8–10, 1994, 17 ref. sum. (in Russian).

2.2. Evaluation of the biological effect of physical agents

- Krylova IN, Il'in AB, Duchanin AS, Pal'cev JP, Jasnecev VV.* Influence of ultra high frequency electromagnetic waves on the memory functions. (Dejstvie nizkointensivnogo elektromagnitnogo izlučeniya sverchvysokoj časty na mnestičeskie funkcie.) *Med Tr Promyšl Ėkol* 1: 31–33, 1994, 8 ref. sum. (in Russian).

2.3. Evaluation of the biological effect of industrial dusts

- Kašanskij SV, Kogan FM, Malyševa LG, Zykova VA.* Comparative evaluation of fibrogenicity and toxicity of asbestos-containing heat-proof materials. (Sravnitel'naja ocenka fibrogennosti i toksičnosti asbestsoderžaščich teploizoljacionnykh materialov.) *Med Tr Promyšl Ėkol* 1: 17–21, 1994, 7 ref. sum. (in Russian).
- Velickovskij BT.* On the mechanism of exposure to fibrogenic dust. (O mehanizme vozdeystvija fibrogennoj pyli na organizm.) *Gig Sanit* 2: 4–10, 1994, 58 ref. (in Russian).

3. Occupational pathology

- Arbuliev MG, Osmanov GM.* Therapy of pyelonephritis in the chemical industry workers. (Lečenie pielonefrita u rabočich chimičeskogo proizvodstva.) *Zdravoochr Ros Fed* 2: 17–18, 1994, 5 ref. (in Russian).
- Buchancová J, Knižková M, Hylová D, Fabiánová E, Mušák L, Meško D, Drga J, Hazlingerová M, Horváthova E, Vrlík M, Klimentová G, Gálíková E, Papayová A.* Exposure to chromium in relation to selected immunological and cytogenetic parameters in metallurgists employed in the production of ferrochromium alloys. (Expozícia chrómu vo vzťahu ku vybraným imunologickým a cytogenetickým parametrom u hutníkov pri vyrobe ferochrómových zliatin.) *Pracov Lék* 46: 4, 167–175, 1994, 49 ref. sum. (in Czech).

- Bul'buljan MA, Ivkova EP.* Evaluation of work conditions in mining and mercury production in view of possible carcinogenic effect. (Ocenka uslovij truda pri dobyče rudy i proizvodstve rtuti s pozicij možnogo kancerogenogo vozdejstva.) *Med Tr Promyšl Ėkol* 4: 15–17, 1994, 6 ref. sum. (in Russian).
- Buravleva NN, Semennikova TK, Varzina NV.* Clinical pattern of toxic and dust bronchitis in workers operating electric furnaces for ferrochrome and silicochrome melting. (Kliničeskoe tečenie toksiko-pylevogo bronchita u rabočich, obsluživajuščich elektropечи pri vyplavke ferrokroma i silikokroma.) *Med Tr Promyšl Ėkol* 1: 14–16, 1994, 10 ref. sum. (in Russian).
- Čosić I, Pavlović M, Milković-Kraus S.* Airway hyperreactivity in the electroceramic industry. *Arh Hig Rada Toksikol* 45: 1, 11–18, 1994, 30 ref. (in English).
- Dauletbakova MI, Gorbļanskij JJ.* Clinical manifestations and diagnosis of chronic bronchitis in workers engaged in the phosphorus production. (Osobennosti kliniki, diagnostiki hroničeskogo bronchita u rabočich fosforogo proizvodstva.) *Med Tr Promyšl Ėkol* 2: 13–15, 1994, 13 ref. sum. (in Russian).
- Evstaf'eva EV, Baškin VN, Orlinskij DB, Vasil'eva GK.* Physiological and biogeochemical aspects of the pesticide effect on human body. (Fiziologičeskije i biogeochemičeskije aspekty dejstva pesticidov na organizm čeloveka.) *Gig Sanit* 2: 45–46, 1994, 9 ref. (in Russian).
- Fadeeva EG, Bogatova IK.* The health state of female textile workers (review of literature). (Sostojanie zdorov'ja rabotnic tekstil'nyh predpriyatij (obzor literatury).) *Med Tr Promyšl Ėkol* 2: 25–27, 1994, 40 ref. (in Russian).
- Fialová J, Rosenfeld R, Kvapilová I.* Changes in bone mineralization due to exposure to vibrating tools. (Zmeny kostní mineralizace při expozici vibrujícímu nářadí.) *Pracov Lék* 46: 1, 3–6, 1994, 17 ref. sum. (in Czech).
- Gorodkov VN, Bogatova IK, Fadeeva EG, Volkova TG.* Clinical and functional evaluation of myometrium contractility textile workers. (Kliniko-funkcional'naja ocenka sokratitel'noj sposobnosti miometrija u tekstil'ščic.) *Med Tr Promyšl Ėkol* 2: 21–24, 1994, 15 ref. sum. (in Russian).
- Ivanov AA, Šal'nova GA, Ulanova AM, Kapcov VA, Korotič LP, Koroleva EP.* Antiinfectious resistance in medical staff of burns units. (Sostojanie antiinfekcionnoj rezistentnosti medicinskogo personala ožogovyh otdelenij.) *Med Tr Promyšl Ėkol* 4: 25–27, 1994, 9 ref. sum. (in Russian).
- Kacnel'son BA, Polzik EV, Privalova LI.* Moral and ethical aspects of monitoring of individual vulnerability to occupational diseases. (O moral'no-etičeskich aspektach monitoringa individual'noj vosprimčivosti k professional'nym zabolevanijam.) *Med Tr Promyšl Ėkol* 1: 38–40, 1994, 12 ref. (in Russian).
- Kapcov VA, Suvorov SV.* Experience of scientific prognostic work and prospects of research in the area of railway transport hygiene. (Opyt naučno-prognostičeskoj raboty i perspektivy issledovanij v oblasti gigeny na železno-dorožnom transporte.) *Gig Sanit* 3: 48–52, 1994, 7 ref. (in Russian).
- Kolenič J, Benický L, Čiderová A, Král'ová T, Kovaničová O, Petrovičová J.* Serum concentrations of some proteins in the acute phase in persons exposed to mercury vapours. Part 1. Prealbumin, ceruloplasmin, alpha-1-antitrypsin. (Sérove koncentrácie niektorých proteínov akútnej fázy u osôb exponovaných parám ortuti. Časť 1. Prealbumín, ceruloplazmín, alfa-1-antitrypsín.) *Pracov Lék* 46: 1, 7–11, 1994, 34 ref. sum. (in Czech).
- Kolenič J, Benický L, Čiderová A, Král'ová T, Kovaničová O, Petrovičová J.* Serum concentrations of some proteins in the acute phase in persons exposed to mercury vapours. Part 2. Alpha-2-macroglobulin, orosomucoid, transferrin. (Sérové koncentrácie niektorých proteínov akútnej fázy u osôb exponovaných parám ortuti. Časť 2. Alfa-2-makroglobulín, orosomukoid, transferín.) *Pracov Lék* 46: 1, 12–15, 1994, 20 ref. sum. (in Czech).
- Kopytina RA, Čerkesov VV, Kamkov VP, Kobec GP, Fufaeva IG, Daniluk VM, Gorbunova AV, Šatochina LE.* Modern evaluation of work ability in miners after myocardial infarction. (Analiz sovremennogo sostojanija ekspertizy trudosposobnosti šachterov, perenesščich infarkt miokarda.) *Med Tr Promyšl Ėkol* 3: 25–28, 1994, 11 ref. sum. (in Russian).
- Koršunov JN, Turkov PN.* Work conditions and health state parameters in workers operating refrigerator units. (Uslovija truda i pokazateli zdorov'ja rabotnikov, obsluživajuščich refrizeratornye sekci.) *Med Tr Promyšl Ėkol* 1: 29–31, 1994, ref. sum. (in Russian).



- Kučuk AA, Sizonenko LN. Respiratory diseases in workers engaged in the enzyme production. (Patologija bronholegočnoj sistemy u rabočich fermentnogo proizvodstva.) Med Tr Promyšl Ėkol 4: 23–25, 1994, 6 ref. sum. (in Russian).
- Ljubčenko PN, Kovaleva LI, Nikolaeva AP, Bendikov ĖA, Dubinina EB, Olyšanskij VA. Long term examination of inner hepatic circulation in liquidators of consequences of the Chernobyl nuclear power accident. (Vnutripečenočnoe krovoobrašćenie u učastnikov likvidaci posledstvij avarii na ČAĖS v otдалennom periode.) Med Tr Promyšl Ėkol 2: 15–17, 1994, 7 ref. sum. (in Russian).
- Manujlenko JI, Bektemirova RM. Physiologic and hygienic evaluation of the work conditions and health state of workers engaged in the sugar and starch syrup production. (Fiziologogigieničeskaja ocenka uslovij truda i sostojanie zdorov'ja rabotajuščich v sacharnom i krachmalo-patočnom proizvodstve.) Med Tr Promyšl Ėkol 2: 18–21, 1994, 4 ref. sum. (in Russian).
- Manujlenko JI, Bektemirova RM, Lopatkina IN. Physiological nad hygienic evaluation of work conditions and health state of workers engaged in the production of radioelectronic, TV and board equipment. (Fiziologo-gigieničeskaja ocenka uslovij truda i sostojanija zdorov'ja rabotajuščich v proizvodstve bortovoj, radioelektronnoj i televizionnoj apparatury.) Med Tr Promyšl Ėkol 4: 18–20, 1994, 7 ref. sum. (in Russian).
- Menzlovà M, Jiráč Z, Havránek J, Eisler L, Tvrdík J. Verification of the test of sulfadimidin acetylation as an index of individual sensitivity to pneumoconiosis in coal-miners. (Ověrni testu acetylace sulfadimidinu jako ukazatele individuální vnímavosti k onemocneni uhlokopskou pneumokoniózou.) Pracov Léč 46: 4, 147–150, 1994, 9 ref. sum. (in Czech).
- Mráz J, Gálovà E, Nohová H, Vítková D. 1,2- and 1,4-Cyclohexanediols – markers of the exposure to cyclohexanediols – cyclohexanone, cyclohexane and cyclohexanol. (1,2- a 1,4-Cyklohexandioly – markery expozice cyklohexanonu, cyklohexanu a cyklohexanolu.) Pracov Léč 46: 4, 164–166, 1994, 9 ref. sum. (in Czech).
- Murzanov MM, Chasanov AG, Ischakov MN. Specifity of peptic ulcer course in workers engaged in the oil processing industry. (Osobennosti tečenija jazvennoj bolezni želudka i dvenadcatiperstnoj kiški u rabotnikov neftepererabatyvajuščej promyšlennosti.) Med Tr Promyšl Ėkol 2: 39–41, 1994, 4 ref. sum. (in Russian).
- Rádová H, Havel V. Item No 29 – Possibilities of computerized evaluation and graphic representation. (Položka 29 – možnosti hodnocení počítačem i grfického znázornění.) Pracov Léč 46: 2, 55–57, 1994, 11 ref. sum. (in Czech).
- Richter J, Landa K, Rezníček J. Immune response in persons occupationally exposed to hexachlorobenzene. (Imunitní odpovídavost u osob profesionálně exponovaných hexachlorobenzenu.) Pracov Léč 46: 4, 151–154, 1994, 24 ref. sum. (in Czech).
- Ripp GC, Narzulaev SB, Kapilevič LV, Malinovskij SV. Experience of the Siberian Medical University in improving the medical care of workers of the Petrochemical Plant in Tomsk. (Opyt raboty Sibirskogo Medicinskogo Universiteta po soveršenstvovaniju medicinskogo obespečenija rabotnikov Tomskogo neftechimičeskogo kombinata.) Zdravoochr Ros Fed 2: 9–11, 1994, 9 ref. (in Russian).
- Rjabkova VA, Tolstonogova VI, Grišuk VK. Topical problems of occupational locomotion diseases and peripheral nervous disturbances in females engaged in the building industry. (Aktual'nye voprosy professional'nych zaboľevanij opornodvigatel'nogo apparata i periferičeskoj nervnoj sistemy u ženščin stroitel'nych professij.) Med Tr Promyšl Ėkol 4: 31–33, 1994, ref. sum. (in Russian).
- Skender L. Our experience in the biological monitoring of exposure to some organic solvents. (Naša iskustva u primjeni biološkog monitoringa izloženosti nekim organskim otapalima.) Arh Hig Rada Toksikol 45: 2, 167–174, 1994, 30 ref. sum. (in Croatian).
- Smulevič VB, Solenova LG. Occupational cancer: importance of problem, state and prospects of research. (Professional'nyj rak: aktual'nost' problemy, sostojanie i perspektivy issledovanija.) Med Tr Promyšl Ėkol 4: 6–8, 1994, 14 ref. sum. (in Russian).
- Sustov VJ, Ol'chovskaja AG, Dodina LG, Zajceva MR, Injakina SA. Specifity of workers' exposure to electromagnetic waves of UHF range and to lead, phytotherapy of the disorders. (Osobennosti vozdejstva na organizm rabotajuščich elektromagnitnogo izlučenija SVČ-diapazona i svinca, fitokorrekcija narušenij.) Med Tr Promyšl Ėkol 1: 21–22, 1994, 5 ref. sum. (in Russian).

- Tel'nov VI.* Metabolic state in humans exposed to major doses of continuous irradiation. (Sostojanie obmennych processov u ljudej, podvergavšichsja chroničeskomu radiacionnomu vozdejstvu v značitel'nyh dozach.) Med Tr Promyšl Ėkol 2: 4–8, 1994, 15 ref. sum. (in Russian).
- Tezieva SČ, Legostaeva EG.* The health state of workers and clerks exposed to chemical hazards in the "Electrozinc" plant. (Sostojanie zdorov'ja rabočich i služuščich zavoda "Ėlektrocink" pri poliělementnom tehnogennom vozdejstvii.) Med Tr Promyšl Ėkol 1: 33–35, 1994, 18 ref. sum. (in Russian).
- Valucina VM, Tkačenko LN.* Age-related functional abilities of miners in hot microclimate. (Vozrastnye osobennosti funkcional'nogo sostojanija gornorabočich v uslovijach nagrevajuščego mikroklimata.) Med Tr Promyšl Ėkol 1: 8–10, 1994, 13 ref. sum. (in Russian).
- Vejlupková J, Urban P.* A brief survey of occupational diseases reported in the Czech Republic in 1993. (Stručný přehled nemocí z povolání hlášených v České republice v roce 1993.) Pracov Lék 46: 3, 102–105, 1994, 5 ref. (in Czech).
- Viktorova TV, Karimova LK, Chusnutdinova ĖK, Rafikov CS.* Assessment of chromosomal aberrations in workers of the propylene and ethylene oxides production. (Issledovanie chromosomnyh narušenij u rabočich proizvodstva oksidov ėtilena i propilena.) Med Tr Promyšl Ėkol 4: 20–23, 1994, 9 ref. sum. (in Russian).
- Vlasov VV.* Ethical problems of the health state prediction: the use of genetic markers. (Ėtičeskie problemy prognozirovaniya sostojanija zdorov'ja: ispol'zovanie genetičeskich markerov.) Med Tr Promyšl Ėkol 1: 35–38, 1994, 17 ref. sum. (in Russian).
- Žigová A, Gálíková E.* Toxicity of lead and the health state of exposed persons in the production of lead accumulators. (Toxicita olova a zdravotny stav exponovaných pri vyrobe olovených akumulátorov.) Bezpečna Praca 25: 3, 101–104, 1994, 17 ref. sum. Zsfassung. (in Slovak).
- Žuškin E, Mustajbegović J, Kanceljak B, Štilinović L.* Immunological reactions in the poultry food processing workers. (Neke imunološke reakcije radnica na preradi hrane za perad.) Arh Hig Rada Toksikol 45: 1, 31–38, 1994, 22 ref. sum. (in Croatian).

4. Epidemiological studies

- Akinfieva TA, Kučma VR, Elina IM, Kuznecova AI, Sidorovič AL, Anisimov LL, Poljakova MM, Ochotina EM.* Comparative assessment of workers' morbidity in the chemical enterprises. (Sravnitel'naja ocenka zaboлеваemosti rabočich chmičeskich proizvodstv.) Gig Sanit 2: 30–33, 1994, 6 ref. sum. (in Russian).
- Beljakova S.V.* Parents' occupation as a possible carcinogenic hazard for children (review of literature). (Professija roditel'ej kak vozmožnyj faktor onkologičeskogo riska u detej (obzor literatury).) Med Tr Promyšl Ėkol 4: 27–31, 1994, 36 ref. sum. (in Russian).
- Jiráček Z, Karpišek L, Škoda V.* Maximum allowable concentrations of dust in coal mines and the recommendation on the medical and organizational measures for prevention of pneumoconiosis in miners of the Ostava-Karviná coal mines. (Nejvyšší přípustná koncentrace prachu černouhelných dolů a návrh zdravotne – organizačních opatření z hlediska prevence onemocnění pneumokoniózou z horníků Ostravsko-karvinských uhelných dolů.) Pracov Lék 46: 3, 115–122, 1994, 26 ref. sum. (in Czech).
- Kohout J, Motánová A, Bilek M, Šefrna F.* Have the causes of death in pneumoconiosis patients changed? (Mení se příčiny úmrtí u nemocných s pneumokoniózou?) Pracov Lék 46: 4, 176–180, 1994, 13 ref. sum. (in Czech).
- Korolev IA, Bruj BP.* Mortality in people of the working age. (O smertnosti naselenija v trudospособnom vozraste.) Zdravoochr Ros Fed 2: 33–34, 1994, ref. (in Russian).
- Mravjan SR, Zgrigor'eva NM.* Coronary risk factors in white-collar and industrial workers (review of literature). (Faktory riska IBS u nekotorych kategorij lic umstvennogo truda i promyšlennnych rabočich (obzor literatury).) Med Tr Promyšl Ėkol 2: 27–32, 1994, 8 ref. (in Russian).
- Šega K, Kalinić N.* Sick building syndrome – a case study in Zagreb. Arh Hig Rada Toksikol 45: 1, 1–10, 1994, 22 ref. (in English).



- Suvorov SV.* Prevalence and causes of occupational dermatosis in workers of the railway transport during the years 1958–1992. (Rasprostranenie i pričiny professional'nykh dermatozov rabočich železnodorožnogo transporta v 1958–1992 gg.) *Gig Sanit* 3: 26–29, 1994, 10 ref. sum. (in Russian).
- Ural'shin AG.* Investigation of the population morbidity in towns with metallurgical enterprises in the Czelabinsk region. (Issledovanie sostojanija zaboлеваemosti naselenija v gorodach s predpriyatijami metallurgii v Čeljabinskoj oblasti.) *Gig Sanit* 3: 6–9, 1994, ref. (in Russian).

5. Diagnostics and therapy of acute poisoning

- Vitezic D, Rožmanic V, Franulovic J, Ahel V, Matešic D.* Naphazoline nasal drops intoxication in children. *Arh Hig Rada Toksikol* 45: 1, 25–29, 1994, 10 ref. (in English).

6. Occupational physiology, psychology, sociology and ergonomics

- Bielik L.* Activity of man in automatized systems of regulation. (Pôsobenie človeka v automatizovaných systémoch riadenia.) *Bezpečna Praca* 25: 3, 106–109, 1994, 8 ref. sum. Zsfassung. (in Slovak).
- Biro V.* Specificity of electrodermal activity in children from the environment polluted by neurotoxins.) *Stud Psychologica* 36: 1, 7–16, 1994, 18 ref. (in English).
- Elizarov BB, Podgornaja TG.* Health protection of operators working with videoterminals in railway passenger service. (Ochрана zdrov'ja rabotajuščich s videoterminalami v passažirskoj službe železnych dorog.) *Gig Sanit* 2: 35–37, 1994, ref. (in Russian).
- Gel'tiščeva EA, Selechova GN.* Specificity of students' functional abilities during the information and computer studies. (Osobennosti funkcional'nogo sostojanija učaščichsja pri režime zanjatij po osnovam informatiki i vyčislitel'noj tehniki.) *Med Tr Promyšl Ėkol* 4: 34–37, 1994, ref. (in Russian).
- Havel V.* Physiology of work. Remarks on the theory and practice. (Fyziologie práce. Poznámky k teorii a praxi.) *Pracov Lék* 46: 1, 26–31, 1994, 7 ref. (in Czech).
- Izmerov NF, Kapcov VA, Denisov EI, Ovakimov VG.* Social and hygienic aspects of occupational health risk and its prevention through changing of working time. (Social'no-gigieničeskije aspekty professional'nogo riska dlja zdrov'ja i rezervy zaščity vremenem.) *Med Tr Promyšl Ėkol* 2: 1–4, 1994, 9 ref. sum. (in Russian).
- Kirkcaldy BD, Furnham A, Cooper CL.* Police personality, job satisfaction and health. *Stud Psychologica* 36: 1, 55–63, 1994, 13 ref. (in English).
- Kučma VR, Jaščikova NL.* Physiological and hygienic criteria of occupational fitness of printing school students. (Fiziologo-gigieničeskije kriterii professional'noj prigodnosti učachčisja, osvajajučich professiju pečatnika.) *Gig Sanit* 3: 33–35, 1994, 6 ref. (in Russian).
- Samochvalov SK.* Principles of the body temperature changes caused by over-heating and criteria for the evaluation of the body temperature. (Zakonomernosti dinamiki temperaturnogo režima čeloveka pri peregreve i integral'nye kriterii ocenki ego teplovogo sostojanija.) *Med Tr Promyšl Ėkol* 2: 36–39, 1994, 8 ref. sum. (in Russian).
- Sinay J.* Does the safety system in an enterprise secure safety for operators? (Je bezpečná prevádzka podniku starost'ou radiacich pracovníkov?) *Bezpečna Praca* 25: 4, 152–155, 1994, 4 ref. sum. Zsfassung. (in Czech).
- Šovčíková E.* Circadian changes and psychological performance in response to exposure to thermal conditions. *Stud Psychologica* 36: 1, 17–28, 1994, 20 ref. (in English).
- Straková V, Polách A.* The evaluation of four types of welding-grips in view of strength expended during the electrode exchange. (Hodnocení čtyř typů svářečských kleští z hlediska vynakládanych sil při výmene elektrod.) *Pracov Lék* 46: 3, 110–114, 1994, 3 ref. sum. (in Czech).
- Volkov VM.* Ocular working capacity of short-sighted subjects under various kinds of lighting. (Zritel'naja rabotosposobnost' blizorukich pri različnych vidach osveščenija.) *Gig Sanit* 3: 42–46, 1994, 12 ref. (in Russian).
- Zlámalová H, Prachařová M, Tihelková D.* Relation of the hand grip force to body position and to selected body characteristics. (Vztah síly stisku ruky k poloze tela a vybraným telesným charakteristikám.) *Pracov Lék* 46: 3, 106–109, 1994, 14 ref. sum. (in Czech).

7. Industrial health care system

- Butkovskaja ZM, Egorova NM, Smirnov VV, Lejni AA, Kajdaš NJ.* Elaboration of rational work schedules for tunnellers of schistose mines. (Razrabotka racional'nykh režimov truda dlja prohodčikov slancevych šacht.) *Med Tr Promyšl Ėkol* 1: 10–14, 1994, 3 ref. sum. (in Russian).
- Fabiánová E, Hettychová L.* The present state of health protection at work in the Slovak Republic. (Súčasný stav v ochrane zdravia pri práci v Slovenskej republike.) *Bezpečna Praca* 25: 2, 64–67, 1994, ref. (in Slovak).
- Gromnica R.* The organization and programme of preventive medical examination in the mine workers of OKR in 1993. (Organizace a náplň preventivních zdravotních prohlídek u důlních pracovníků OKR v roce 1993.) *Pracov Lék* 46: 1, 22–25, 1994, 10 ref. (in Czech).
- Piačeková M.* Safety and health protection in the work programme for unqualified workers. (Program bezpečnosti a ochrany zdravia pri práci pre pracovníkov bez kvalifikácie.) *Bezpečna Praca* 25: 2, 81–83, 1994, ref. (in Slovak).
- Pokorný B.* Occupational safety in the Czech Republic. (Bezpečnost práce v České republice.) *Bezpečna Praca* 25: 1, 5–9, 1994, ref. sum. Zsfassung. (in Slovak).
- Sabo M.* An increasing standard of occupational safety education in Slovakia. (Zvyšovanie úrovne vzdelanosti v oblasti bezpečnosti práce na Slovensku.) *Bezpečna Praca* 25: 3, 111–113, 1994, 4 ref. (in Slovak).
- Vejlupková J.* Some information on occupational diseases in Europe. (Některé informace o seznámech nemocí z povolání v Evropě.) *Pracov Lék* 46: 1, 16–21, 1994, 4 ref. (in Czech).

8. Environmental hazards

- Antomonov MJ, Rusakova LT.* The use of an algorithmic complex program MAG for the analysis of the environmental effect on the population health. (Ispol'zovanie programmno-algoritmičeskogo kompleksa MAG dlja analiza vlijanija faktorov sredy na zdorov'je naselenija.) *Gig Sanit* 2: 52–53, 1994, ref. (in Russian).
- Baryšnikov II.* Toxicological investigations in ecologic evaluation. (Toksikologičeskije issledovanija v programme ekologičeskoi ekspertizy.) *Med Tr Promyšl Ėkol* 3: 17–21, 1994, 20 ref. sum. (in Russian).
- Kacnel'son BA, Bezel' VS.* Approaches to integration of hygienic and ecologic standardization. (O putjach integracii gigieničeskogo i ekologičeskogo normirovanija.) *Gig Sanit* 2: 56–58, 1994, 5 ref. (in Russian).
- Kizlink J, Romančík V.* Problems of dangerous chemicals and waste disposal according to their individual groups. (Problematika zneškodnovania nebezpečných chemických látok a odpadov podľa skupič'n.) *Bezpečna Praca* 25: 1, 36–39, 1994, 23 ref. sum. Zsfassung. (in Slovak).
- Korolev AA, Kučma VR, Gil'denskiol'd SR, Gil'densiol'd RS, Vinokur IL, Chvastunov RM, D'jakonova OM, Bobyleva OV.* Risk assessment of negative health changes generated by the environmental factors. (Ocenka riska uchodšenija sostojanija zdorov'ja naselenija v svjazi s vozdejstviem faktorov okružajuščej sredy.) *Gig Sanit* 2: 11–13, 1994, 8 ref. sum. (in Russian).
- Liška D.* Carcinogens in the environment and their prevention. (Karcinogény v prostredí a ich prevencia.) *Bezpečna Praca* 25: 2, 60–63, 1994, 8 ref. sum. (in Slovak).
- Marović G, Senčar J, Bauman A.* ²²⁶Ra in drinking water in the Republic of Croatia. *Arh Hig Rada Toksikol* 45: 2, 151–159, 1994, 30 ref. (in English).
- Musijčuk II, Baryšnikov II, Filipov VL.* Programmes of ecologic evaluation (criteria for evaluation of ecologic situation). (Programmy ekologičeskoi ekspertizy (kriterii ocenki ekologičeskoi situacii).) *Med Tr Promyšl Ėkol* 3: 1–9, 1994, 15 ref. sum. (in Russian).
- Musil J, Jeřábek J, Hladký A, Outratová E, Slavíková J, Šperlingová I, Skokonová V, Šestaková H.* An epidemiological study of selected indices in girls living in a dormitory close to the medium wave transmitter near Libice. Epidemiologická studie vybraných ukazatelů u dívek bydlících v internátu v blízkosti středovlnného vysílače Libice.) *Pracov Lék* 46: 4, 155–163, 1994, 11 ref. sum. (in Czech).



- Nagornyj SV.* Ecological and hygienic investigations in regions. (Èkologo-gigienièskie issledovanija v regionach.) *Med Tr Promyšl Èkol* 3: 9–14, 13 ref. sum. (in Russian).
- Novikov JV, Rumjancev GI, Midin GD, Sajfutdinov MM.* Dioxines in the human environment: a new hygienic problem. (Dioksiny v srede obitanija èloveka – novaja gigienièskaja problema.) *Gig Sanit* 33: 36–40, 1994, 17 ref. (in Russian).
- Plná K, Milcová A, Binková B, Mišková I, Nožička J.* Assessment of the cotinine/creatinine ratio as a marker of exposure to tobacco smoke in selected groups of women from Teplice and Prachatic. (Stanovení poměru kotinin/kreatinin jako markeru expozice tabákovému kouři u vybraných souborů žen z Teplic a Prachatic.) *Hygiena* 39: 1, 56–61, 1994, 18 ref. sum. (in Czech).
- Šumilina AV.* Social and ecological aspects of reproduction in dioxine polluted areas. (Social'no-èkologièskie aspekty reproduktologii v rajonach, zagrizannnyh dioksinami.) *Zdravoochr Ros Fed* 3: 28–30, 1994, 5 ref. (in Russian).
- Usačev IS, Šanov DM.* Sociological questions of medico-ecological study of people from the radioactive contaminated areas. (Sociologièskie voprosy mediko-èkologièskogo vospitanija naselenija v zone radioaktivnogo zagriznenija.) *Zdravoochr Ros Fed* 4: 14–16, 1994, 10 ref. (in Russian).
- Veličkovskij BT.* Ecological pathology. (Èkologièskaja patologija.) *Zdravoochr Ros Fed* 2: 6–9, 1994, ref. (in Russian).
- Višnevskij EP, Zenov SI.* Technology of electronic maps based on the results of physical models applied to the air pollution in the industrialised regions with industrial enterprises. (Technologija sozdanija èlektronnyh atlasov na baze rezul'tatov fizièskogo modelirovanija zagriznenija atmosfery v rajonach raspoloženija promyšlennnyh predpriyatij.) *Med Tr Promyšl Èkol* 3: 34–43, 1994, 2 ref. sum. (in Russian).

