

OCCUPATIONAL MEDICINE PROBLEMS IN EAST EUROPEAN JOURNALS OF 1991; part 3

1. Hygienic evaluation of the working environment

1.1. Chemical substances

Asilbekova ChT, Chasanova VM. The gaschromatographic detection of dichlorpinacoline in the working zone air and water. (Gazochromatografičeskoe opredelenie dichlorpinakolina v vozduche rabočej zony i vode.)* Gig Tr Prof Zabol 9: 37–38, 1991, 1 ref. sum.

Dikun PP, Jamšanov VA, Ševelev KV, Bezrukich VJu. Burning of organic fuel as a source of environmental pollution with N-nitrosamines. (Sžiganie organičeskogo topliva kak istočnik zagrjaznenija okružajuščej sredy N-nitrozaminami.) Gig Sanit 10: 9–11, 1991, 1 ref. sum.

Gorelova AV, Gerasimova IL, Fadeev AI. The photometric detection of sodium and cesium iodides in the working zone air. (Fotometričeskoe opredelenie jodidov natrija i cezija v vozduche rabočej zony.) Gig Tr Prof Zabol 9: 36–37, 1991, 3 ref. sum. Information of the USSR Toxicological Centre. (Informacija Sovetskogo Toksikologičeskogo Centra.) Gig Tr Prof Zabol 8: 43, 1991.

Paranko MN, Sitalo SG, Maljuch AA. Hygienic assessments of the labour conditions in modern galvanoplasty processing. (Gigieničeskaja charakteristika uslovij truda v sovremennom gal'vaničeskom proizvodstve.) Gig Tr Prof Zabol 11: 24–26, 1991, 4 ref. sum.

Putilina ON, Kaspruk LV. The improved technique of sulphur dioxide measurements in the working zone air. (Usoveršestvovannyj metod izmerenija koncentracii dioksida sery v vozduche.) Gig Tr Prof Zabol 9: 38–40, 1991, 4 ref. sum.

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* Original titles in parentheses.



1.2. Physical agents

Barchudarov RM, Buldakov LA, Gordeev KI, Il'in LA, Savkin MN. Characterization of irradiation levels of the population in the controlled areas within the first 4 years after the Chernobyl NPP accident. (Charakteristika úrovnej oblučeniya naseleniya kontroliruemymykh rayonov za 4 goda posle avarii na černobyľ'skoj AĖS.) *Vestn Akad Med* 8: 3–9, 1991, 11 ref. sum.

Bronštejn IĖ, Fominykh VI, Lebedev OV, Kononova RF, Alekseeva VA, Fedina SA, Villeval'de ND. Application of thermoluminescence monitors for low-energy and X-radiation measurements. (Primenenie termoluminescentnykh dozimetrov dlja izmereniya nizkoĕrgetičeskogo rentgenovskogo i gamma-izlučeniya.) *Gig Sanit* 11: 50–53, 1991, 11 ref.

Fomina EI. Gas-chromatographic method of determination of chloroacetic acid and its sodium salt in the air, skin washing-off, clothes extracts and in the urine. (Gazochromatografičeskij metod opredeleniya monochloruksusnoj kisloty i ee natrievoj soli v vozduche, smyvach s kožnykh pokrovov, ĕkstraktach specodeždy i v močĕ.) *Gig Tr Prof Zabol* 12: 39–41, 1991, 15 ref. sum.

Lazarenko NV, Savin BM, Pal'cev JuP. Hygienic assessment of the electromagnetic radiation of videoterminals. (Gigieničeskaja ocenka ĕlektromagnitnykh izlučĕnij videoterminalov.) *Gig Sanit* 12: 54–56, 1991, 8 ref.

Lipkina LI, Kolesnikova AV, Cirkova NL. The labour hygiene in solar electric power stations. (Gigiena truda na solnečnoj ĕlektrostantsii.) *Gig Tr Prof Zabol* 9: 21–24, 1991, 9 ref. sum.

Svitek D, Janoušek M. Noisiness in the engineering industry. (Hlučnost v strojarskom priemysle.) *Bezpečna Praca* 22: 4, 157–159, 1991, 5 ref. sum.

1.3. Industrial dusts

Bucharin OV, Derjabin DG, Bojko VI. Description of the air and upper respiratory tract microflora in boring plants. (Charakteristika mikroflory vozdušnoy sredy i verchnich dychatel'nykh putej čeloveka pri provedenii burovych rabot.) *Gig Sanit* 11: 39–41, 1991, 16 ref. sum.

Čebotarev AG, Gorjačĕv NS, Belan GB. Studies of the organic and non-organic components of diesel engine exhausts absorbed on the ore-mine aerosol particles. (Issledovanie sorbirovannykh na časticach rudničnogo aerolzolja organičeskikh i neorganičeskikh komponentov vychlopa dizel'nykh dvigatelej.) *Gig Tr Prof Zabol* 8: 8–10, 1991, 5 ref. sum.

Čudnovec AJa, Savčenko IL, Žmuckij LV. Bioadverse effects in fodder-preparation plants. (Charakteristika biologičeskikh vrednostej v proizvodstvennykh pomeščĕniach kormokuchon' i kormocechov.) *Gig Sanit* 10: 44–46, 1991, 6 ref.

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Pastuchov VV, Tarasevič DN, Larionova LI, Ivanova SF. Peculiarity of pig-breeding farms air microflora. (Osobennosti mikrobnogo sostava vozducha svinovodčeskikh pomeščĕnij.) *Gig Sanit* 10: 46–48, 1991, 8 ref.



Petreckij VV, Kunel'skaja VJa, Petreckij NV. Microbial dissemination in the air of wood-processing plants. (Mikrobnaja obsemenennost' vozducha derevoobrabatyvajušcego proizvodstva.) *Gig Tr Prof Zabol* 8: 20–21, 1991, 5 ref. sum.

Siukov GV, Smirnov VA, Daškevič VL, Kalimova ÈI, Kondakova LV, Snigireva TV, Merzljakova VI. Data for the Armos' fibre dusts MAC in the working zone air. (Materialy k obosnovaniju PDK pyli volokna Armos v vozduche rabočej zony.) *Gig Tr Prof Zabol* 9: 28–30, 1991, 6 ref. sum.

2. Experimental pathology

2.1. Evaluation of the chemical substances toxicity

Bardov VG, Stepanenko GA, Izotova PV, Šmuter GM, Davidenko LM, Blasjuk MG, Pogorelova VI, Chalavčuk IV. Toxicity of PVC-plastizoles of C, M, P brands used for manufacturing of medical products. (O toksičnosti PVH-plastizolej marok „C“, „M“, „P“ ispol'zuemych dlja izgotovlenija medicinskih izdelij.) *Vrač Delo* 5: 84–86, 1991, 6 ref. sum.

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Dejneka SE, Prodančuk NG, Kisiljuk VL Experimental data on the influence of lead, barium, silver, zinc and calcium stearates on CVS. (Èksperimental'nye dannye o vlijanii stearatov svinca, barija, serebra, cinka i kal'cija na serdečno-sosudistuju sistem.) *Gig Tr Prof Zabol* 9: 41–42, 1991, 8 ref.

Fedjukovič LV, Egorova AB. Genotoxic effect of acrylates. (Genotiksičeskij èffekt akrilatov.) *Gig Sanit* 12: 62–64, 1991, 5 ref. sum.

Frolov AG, Pliss GB. Lithium carbonate as a promotor of bladder carcionogenesis in rats. (Karbonat litija – promotor kancerogeneza močevogo puzyrja u kryš.) *Eksp Onkol* 13: 3, 18–20, 1991, 8 ref. sum.

Frolova AD, Minkina NA, Vasil'kovskij VG, Kuznecova OA, Dolgopolova VG, Šapošnikova ES, Martinson TG. Materials of setting of di-chloro-di-para-xylilene, di-brom-di-paraxylilene and di-para-xylilene standards. (Materialy k reglamentirovaniju dichlor-di-para-ksililena, di-brompara-ksililena i di-para-ksililena.) *Gig Tr Prof Zabol* 12: 30–32, 1991, 12 ref. sum.

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Information of the Soviet Toxicological Centre. (Informacija Sovetskogo Toksikologičeskogo Centra.) Gig Tr Prof Zabol 11: 45–46, 1991.

Ivanova LA, Talakin JuN, Koršun MN, Savčenko MV. Comparative toxicity of inorganic mercury compounds to the cell culture and intact organism. (Sravnitel'naja toksičnost' neorganičeskich soedinenij rtuti dlja kul'tury kletok i celostnogo organizma.) Gig Sanit 11: 66–67, 1991, 8 ref. sum.

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Medved' IL, Pokrovskaja TH. The potential hazards of the long-term toxic effects of new herbicide levaryl and its semiproducts. (O potencijal'noj opasnosti otdalennych toksičeskich efektov novogo otečestvennogo gerbicida levarila i poluproduktov ego promyšlennogo proizvodstva.) Gig Tr Prof Zabol 11: 33–35, 1991, 8 ref. sum.

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2.2. Evaluation of the biological activity of physical agents

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2.3. Evaluation of the biological activity of dusts

Bazeljuk LT. Peculiarities of the macrophageal metabolism affected by mixed-dusts phagocytosis. (Osobennosti metabolizma makrofagov pri fagocitoze smešannyh pylej.) *Gig Tr Prof Zabol* 11: 44–45, 1991, 15 ref.

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3. Occupational pathology

Angeluca PA, Ščerbak EA, Pozmogova IA, Ignatova AV. Occupational and common factors of the environment in relation to the connective tissue systemic diseases. (Professional'nye i bytovye faktory okružajuščej sredy i sistemnye zabojevanija soedinitel'noj tkani.) *Gig Tr Prof Zabol* 8: 16–18, 1991, 18 ref. sum.

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