

Zagrożenia biologiczne w środowisku pracy

Zestawienie obcojęzycznych źródeł informacji

Zestawienie obejmuje wybrane wyniki wyszukiwań tematycznych, prowadzonych w międzynarodowych bazach zasobów informacyjnych. Wyszukiwania objęły bazy zasobów elektronicznych udostępniane w ramach tzw. licencji krajowych (Wirtualna Biblioteka Nauki – WBN) oraz bazy: ProQuest i IEEE/IET, subskrybowane przez Instytut, a także inne źródła dostępne w sieci Internet. Zestawione zasoby powinny być dostępne w CIOP-PIB (m.in. w Czytelni Instytutu, dostęp ze strony internetowej Biblioteki: www.ciop.pl/biblioteka), a także w wielu jednostkach naukowych, badawczo-rozwojowych, korzystających z dostępu do światowych zasobów wiedzy. W wyszukiwaniach wykorzystywano m.in. multiwyszukiwarkę zasobów naukowych Primo, integrującą zasoby dostępne w Instytucie. Do zbioru dołączono także wybrane inne zasoby informacyjne dostępne online. Wykorzystywane wyrażenia wyszukiwawcze obejmowały problematykę zagrożeń biologicznych występujących w środowisku pracy. Były to m.in. następujące wyrażenia: biological hazards AND work, occupational safety AND biohazard, occupational exposure AND biological risk. Wyniki wyszukiwań zawierały najczęściej do wiarygodnych, recenzowanych zasobów informacyjnych, obejmujących przede wszystkim artykuły z obcojęzycznych, recenzowanych czasopism naukowych.

2019

1. Ade N., Koirala Y., Mannan M.: Towards an inherently safer bioprocessing industry : a review. Journal of Loss Prevention in the Process Industries 2019, Vol. 60, pp. 125-132.
2. Brown C., Shugart J.: Zika virus in workers: Considerations for ongoing exposure prevention. American Journal of Industrial Medicine 2019, Vol. 62(6), pp. 455-459.

3. Chia T., Ton S., Liou S., Hsu H., Chen C., Wan G.: Effectiveness of engineering interventions in decreasing worker exposure to metalworking fluid aerosols. *The Science of the Total Environment* 2019, Vol. 659, pp. 923-927.
4. Cypryski M.: Harmful biological agents in municipal waste treatment plants. *Medycyna Pracy* 2019, Vol. 70(1), pp. 99-105.
5. Cypryski M., Ławniczek-Wałczyk A., Gołofit-Szymczak M., Fraczek K., Kozdroj J., Górný R.: Bacterial aerosols in a municipal landfill environment. *The Science of the Total Environment* 2019, Vol. 660, pp. 288-296.
6. Deering K., Spiegel E., Quaisser C., Nowak D., Schierl R., Bose-O'Reilly S., Garí M.: Monitoring of arsenic, mercury and organic pesticides in particulate matter, ambient air and settled dust in natural history collections taking the example of the Museum für Naturkunde, Berlin. *Environmental Monitoring and Assessment* 2019, Vol. 191(6), pp. 375.
7. French P., Ludowyke W., Guillemin R.: Fungal Neurotoxins and Sporadic Amyotrophic Lateral Sclerosis. *Neurotoxicity Research* 2019, Vol. 35(4), pp. 969-980.
8. Grzyb J., Lenart-Boroń A.: Bacterial bioaerosol concentration and size distribution in the selected animal premises in a zoological garden. *Aerobiologia* 2019, Vol. 35(2), pp. 253-268.
9. Kelly F., Fussell J.: Improving indoor air quality, health and performance within environments where people live, travel, learn and work. *Atmospheric Environment* 2019, Vol. 200, pp. 90-109.
10. Koivisto A., Kling K., Hänninen O., Jaycock M., Löndahl J., Wierzbicka A., Fonseca A., Uhrbrand K., Boor B., Jiménez A., Hämeri K., Maso M., Arnold S., Jensen K., Viana M., Morawska L., Hussein T.: Source specific exposure and risk assessment for indoor aerosols. *Science of the Total Environment* 2019, Vol. 668, pp. 13-24.
11. Molé P.: Create a Strong Safety Awareness Across Biosafety Levels. *Chemical Engineering Progress* 2019, Vol. 115(4), pp. 33-40.
12. Omidi F., Dehghani F., Fallahzadeh R., Miri M., Taghavi M., Eynipour A.:

Probabilistic risk assessment of occupational exposure to volatile organic compounds in the rendering plant of a poultry slaughterhouse.

Ecotoxicology and Environmental Safety 2019, Vol. 176, pp. 132-136.

13. Robertson S., Douglas P., Jarvis D., Marczylo E.: Bioaerosol exposure from composting facilities and health outcomes in workers and in the community : a systematic review update. International Journal of Hygiene and Environmental Health 2019, Vol. 222(3), pp. 364-386.
14. Sauvé J., Lavoué J., Nadon L., Lakhani R., Rhazi M., Bourbonnais R., Richard H., Parent M.: A hybrid expert approach for retrospective assessment of occupational exposures in a population-based case-control study of cancer. Environmental Health 2019, Vol. 18(1), pp. 1-12.
15. Studies from Occupational Safety and Health Administration Further Understanding of Infectious Diseases and Conditions. Health & Medicine Week 2019, p. 7342.
16. Viegas C., Santos P., Almeida B., Monteiro A., Carolino E., Viegas S.: Electrostatic dust collector : a passive screening method to assess occupational exposure to organic dust in primary health care centers. Air Quality, Atmosphere, & Health 2019, Vol. 12(5), pp. 573-583.
17. Wei J., Zhou J., Liu Y., Wu J., Jin T., Li Y., Hui-Ling Y.: A novel partial lid for mechanical defeatherers reduced aerosol dispersion during processing of avian influenza virus infected poultry. PLoS One 2019, Vol. 14(5), E0216478.
18. White J., Nielsen J., Madsen A.: Microbial species and biodiversity in settling dust within and between pig farms. Environmental Research 2019, Vol. 171, pp. 558-567.
19. Wolny-Koładka K.: Assessment of microbiological quality of water in the Nowohucki Reservoir with particular regard to microorganisms potentially dangerous to humans. Medycyna Środowiskowa 2016, Vol. 19(4), pp. 18-26.
20. Zhang C., Tian F., Zhang M., Zhang Z., Bai M., Guo G., Zheng W., Wang Q., Shi Y., Wang L.: Endotoxin contamination, a potentially important inflammation factor in water and wastewater: a review. Science of the Total Environment 2019, Vol. 681, pp. 365-378.

21. Yang K., Li L., Wang Y., Xue S., Han Y., Liu J.: Airborne bacteria in a wastewater treatment plant : emission characterization, source analysis and health risk assessment. *Water Research* 2019, Vol. 149, pp. 596-606.

2018

22. Baniasadi S., Alehashem M., Yunesian M., Rastkari N.: Biological monitoring of healthcare workers exposed to antineoplastic drugs : urinary assessment of cyclophosphamide and ifosfamide. *Iranian Journal of Pharmaceutical Research*, 2018, Vol. 17(4), p. 1458-1464.
23. Carpenter C.: Safety considerations for working with animal models involving human health hazards. *Animal Models and Experimental Medicine* 2018, Vol. 1(2), pp. 91-99.
24. Cypryski M., Stobnicka-Kupiec A., Ławniczek-Wałczyk A., Bakal-Kijek A., Gołofit-Szymczak M., Górný R.: Anaerobic bacteria in wastewater treatment plant. *International Archives of Occupational and Environmental Health* 2018, Vol. 91(5), pp. 571-579.
25. Górný R., Gołofit-Szymczak, M., Cypryski M., Stobnicka A., Ławniczek-Wałczyk A.: Effect of electrical charges on potential of fibers for transport of microbial particles in dry and humid air. *Journal of Aerosol Science* 2018, Vol. 116, pp. 66-82.
26. Douglas P., Robertson S., Gay R., Hansell A. L., Gant T. W.: A systematic review of the public health risks of bioaerosols from intensive farming. *International Journal of Hygiene and Environmental Health* 2018, Vol. 221(2), pp. 134–173.
27. Godsmark C. N., Tipton M. J., Dennis M. R., House J. R.: Moisture vapour permeable gloves extend thermal endurance and safe work time more than other similarly permeable chemical-biological ancillary protective items. *Ergonomics* 2018, Vol. 61(12), pp. 1635-1645.
28. Karjalainen M., Kontunen A., Saari S., Rönkkö T., Lekkala J., Roine A., Oksala N.: The characterization of surgical smoke from various tissues

- and its implications for occupational safety. PLoS One 2018, Vol. 13(4), E0195274.
29. Lindström I., Karvonen H., Suuronen K., Suojailehto H.: Occupational asthma from biological pest control in greenhouses. The Journal of Allergy and Clinical Immunology : In Practice 2018, Vol. 6(2), pp. 692-694.
 30. Ławniczek-Wałczyk A., Cypryski M., Gołofit-Szymczak M., Wójcik-Fatla A., Zajęc V., Górný R.: Assessment of fungal aerosol exposure at selected workplaces contaminated with organic dust of different origin. Medycyna Pracy 2018, Vol. 69(3), 269-280.
 31. Neghab M., Jabari Z., Kargar Shouraki F.: Functional disorders of the lung and symptoms of respiratory disease associated with occupational inhalation exposure to wood dust in Iran. Epidemiology and Health 2018, Vol. 40, E2018031.
 32. Messens W., Hempen M., Koutsoumanis K.: Use of predictive modelling in recent work of the panel on biological hazards of the European Food Safety Authority. Microbial Risk Analysis 2018, Vol. 10, pp. 37-43.
 33. Oghuvwu S., Egbagbe E., Aigbirior J., Bright E., Erhabor G.: Respiratory health status of workers in a bottling factory in Benin City, Nigeria. International Journal of Environmental Research and Public Health 2018, Vol. 15(9), E1919.
 34. Pomerleau-Normandin D., Heisz M., Su M.: Misidentification of risk group 3 / Security sensitive biological agents by MALDI-TOF MS in Canada : November 2015–October 2017. Canada Communicable Disease Report 2018, Vol. 44(5), pp. 110-115.
 35. Sharifian Z., Mansourian M., Rismanchian M.: Feasibility study of using radio-frequency identification technology in estimating the time pattern of exposure to causative agents of occupational diseases. Advanced Biomedical Research 2018, Vol. 7(1), pp. 135-135.
 36. Toseva E., Atanasova M., Turnovska T.: Seroprevalence of anti-hav total antibodies among workers in wastewater treatment plants. International Journal of Occupational Medicine and Environmental Health 2018, Vol. 31(3), pp. 307-315.

37. Viegas S., De Oliveira A., Carolino E., Pádua M.: Occupational exposure to cytotoxic drugs : the importance of surface cleaning to prevent or minimise exposure. Arhiv Za Higijenu Rada I Toksikologiju 2018, Vol. 69(3), 238-249.

2017

38. Bielawska-Drózd A., Cieślik P., Wlizło-Skowronek B., Winnicka I., Kubiak L., Jaroszuk-Ścisieł J., Depczyńska D., Bohacz J., Korniłowicz-Kowalska T., Skopińska-Różewska E., Kocik J.: Identification and characteristics of biological agents in work environment of medical emergency services in selected ambulances. International Journal of Occupational Medicine and Environmental Health 2017, Vol. 30(4), pp. 617-627.
39. Cerná K., Wittlingerová Z., Zimová M., Janovský Z.: Exposure to airborne fungi during sorting of recyclable plastics in waste treatment facilities. Medycyna Pracy 2017, Vol. 68(1), pp. 1-9.
40. Dulon M., Lisiak B., Wendeler D., Nienhaus A.: Causes of needlestick injuries in three healthcare settings : analysis of accident notifications registered six months after the implementation of EU Directive 2010/32/EU in Germany. The Journal of Hospital Infection 2017, Vol. 95(3), pp. 306-311.
41. Fernandes L., Nunes W., Silva L., Wanderley R., Barros C., Cavalcanti A.: Needlestick and sharp instruments injuries among brazilian dentistry students. Contemporary Clinical Dentistry 2017, Vol. 8(1), pp. 112-115.
42. Garozzo A., Falzone L., Rapisarda V., Marconi A., Cinà D., Fenga C., Spandidos D., Libra M.: The risk of HCV infection among health-care workers and its association with extrahepatic manifestations. Molecular Medicine Reports 2017, Vol. 15(5), pp. 3336-3339.
43. Ławniczek-Wałczyk A., Gołofit-Szymczak M., Cyprowski M., Stobnicka A., Górný R. L.: Monitoring of bacterial pathogens at workplaces in power plant using biochemical and molecular methods. International Archives of Occupational and Environmental Health 2017, Vol. 90(3), pp. 285-295.

44. Shimasaki N., Shinohara K., Morikawa H.: Performance of materials used for biological personal protective equipment against blood splash penetration. *Industrial Health* 2017, Vol. 55(6), pp. 521-528.
45. Somocurcio Bertocchi, Jorge A. Ruiz de: Knowledge of biosecurity measures among health personnel. *Horizonte Médico* 2017, Vol. 17(4), pp. 53-57.
46. Szulc J., Otlewska A., Okrasa M., Majchrzycka K., Sulyok M., Gutarowska B.: Microbiological contamination at workplaces in a Combined Heat and Power (CHP) Station Processing Plant Biomass. *International Journal of Environmental Research and Public Health* 2017, Vol. 14(1).
47. Różańska A., Romaniszyn D., Chmielarczyk A., Bulanda M.: Bacteria contamination of touch surfaces in Polish hospital wards. *Medycyna Pracy* 2017, Vol. 68(4), pp. 459-467.

2016

48. Aguilar-Elena R., Campo-Barrio A., Morchón R., Martínez-Merino V.: Validation of a questionnaire about the perception of occupational biohazard in Spanish companies. *International Journal of Occupational Safety and Ergonomics* 2016, Vol. 22(4), pp. 541-549.
49. Basso A., Serra R., Drago I., Soleo L., Lovreglio P.: Biological accidents at work among resident physicians in specialist training at Bari University Hospital, Italy. *American Journal of Infection Control* 2016, Vol. 44(11), e265-e267.
50. Buss W., Masek O.: High-VOC biochar-effectiveness of post-treatment measures and potential health risks related to handling and storage. *Environmental Science and Pollution Research International* 2016, Vol. 23(19), pp. 19580-19589.
51. Cheneval E., Busque M., Ostiguy C., Lavoie J., Bourbonnais R., Labrèche F., Labrèche F.; Bakhiyi B., Zayed J.: Green Jobs : definition and method of appraisal of chemical and biological risks. *Annals Of Occupational Hygiene* 2016, Vol. 60(3), pp. 290-304.

52. D'Ovidio M. C., Annesi-Maesano I., D'Amato G., Cecchi L.: Climate change and occupational allergies: An overview on biological pollution, exposure and prevention. *Annali Dell'Istituto Superiore Di Sanità* 2016, Vol. 52(3), pp. 406-414.
53. Couch J., Burton N., Victory K., Green B., Lemons A., Nayak A., Beezhold D.: Endotoxin exposures during harvesting and processing cannabis at an outdoor cannabis farm. *Aerobiologia* 2019, Vol. 35(2), p. 367.
54. Cypryski M., Ławniczek-Wałczyk A., Górný R. L.: Airborne peptidoglycans as a supporting indicator of bacterial contamination in a metal processing plant. *International Journal of Occupational Medicine and Environmental Health* 2016, Vol. 29(3), pp. 427-437.
55. Daae H., Heldal K., Madsen A., Olsen R., Skaugset N., Graff P.: Occupational exposure during treatment of offshore drilling waste and characterization of microbiological diversity. *Science of the Total Environment* 2019, Vol. 681, pp. 533-540.
56. D'Ettorre G.: Job stress and needlestick injuries : which targets for organizational interventions? *Occupational Medicine* 2016, Vol. 66(8), pp. 678-680.
57. Ebisz M., Król K., Lar K., Mroczek A., Zbrojkiewicz E., Kopciak M., Złotkowska R.: The health risk due to exposure to bioaerosol occurring in health care institutions. *Medycyna Środowiskowa* 2016, Vol. 19(2), pp. 55-62.
58. Fertner M., Pedersen K., Jensen V., Larsen G., Lindegaard M., Hansen J., Chriél M.: Within-farm prevalence and environmental distribution of livestock-associated methicillin-resistant *Staphylococcus aureus* in farmed mink (*Neovison vison*). *Veterinary Microbiology* 2019, Vol. 231, pp. 80-86.
59. Górný R. L., Harkawy A., Ławniczek-Wałczyk A., Karbowska-Berent J., Włazło A., Niesler A., Gołofit-Szymczak M., Cypryski M.: Exposure to culturable and total microbiota in cultural heritage conservation laboratories. *International Journal of Occupational Medicine and Environmental Health* 2016, Vol. 29(2), pp. 255-275.
60. Kerbow K.: Five important features of PPE for chemical and biological hazard

protection. *Occupational Health & Safety* (Waco, Tex.) 2016, Vol. 85(12), pp. 14, 16, 18.

61. Laitinen S., Laitinen J., Fagernäs L., Korpiläärvi K., Korpinen L., Ojanen K., Aatamila M., Jumpponen M., Koponen H., Jokiniemi J.: Exposure to biological and chemical agents at biomass power plants. *Biomass and Bioenergy* 2016, Vol. 93, pp. 78-86.
62. Lund T., Flachs E., Sørensen J., Ebbehøj N., Bonde J., Agner T.: A job-exposure matrix addressing hand exposure to wet work. *International Archives of Occupational and Environmental Health* 2019, pp. 1-8.
63. Moodley R.: Multidisciplinary perspectives to prevent occupational health-related conditions among dental practitioners. *BDJ Open* 2019, Vol. 5(1), pp. 1-6.
64. Ngajilo D., Jeebhay M.: Occupational injuries and diseases in aquaculture: a review of literature. *Aquaculture* 2019, Vol. 507, pp. 40-55.
65. Omidi F., Dehghani F., Fallahzadeh R., Miri M., Taghavi M., Eynipour A.: Probabilistic risk assessment of occupational exposure to volatile organic compounds in the rendering plant of a poultry slaughterhouse. *Ecotoxicology and Environmental Safety* 2019, Vol. 176, pp. 132-136.
66. Orlinski A. D.: Work of the EPPO/IOBC Panel on Biological Control Agents. *EPPO Bulletin* 2016, Vol. 46(2), pp. 243-248.
67. Patel R., Skaria S., Mansour M., Smaldone G.: Respiratory source control using a surgical mask : an in vitro study. *Journal of Occupational and Environmental Hygiene* 2016, Vol. 13(7), pp. 569-576.
68. Petersen B., Harms T., Reynolds M., Harrison L. Use of vaccinia virus smallpox vaccine in laboratory and health care personnel at risk for occupational exposure to orthopoxviruses : recommendations of the Advisory Committee on Immunization Practices (ACIP), 2015. *Morbidity and Mortality Weekly Report* 2016, Vol. 65(10), pp. 257-262.
69. Rinsky J., Richardson D., Kreiss K., Nylander-French L., Beane Freeman L., London S., Henneberger P., Hoppin J.: Animal production, insecticide use and

self-reported symptoms and diagnoses of COPD, including chronic bronchitis, in the Agricultural Health Study. Environment International 2019, Vol. 127, pp.764-772.

70. Salgado T., Ream P., Teles S., Lima L., Rezende F., Cardoso N., Tipple A.: Accidents with biologic material in health services among persons with no presumed risk. American Journal of Infection Control 2016, Vol. 44(12), pp. 1726-1728.
71. Sayehmiri K., Beigom Bigdeli Shamloo M., Khataee M., Rabiei Fakhr F., Azami M.: Occupational exposure and biological evaluation of lead in Iranian workers-a systematic review and meta-analysis. Journal of Health and Safety at Work 2016, Vol. 6(3), pp. 1-14.
72. Skóra J., Matusiak K., Wojewódzki P., Nowak A., Sulyok M., Ligocka A., Okrasa M., Hermann J., Gutarowska B.: Evaluation of microbiological and chemical contaminants in poultry farms. International Journal of Environmental Research and Public Health 2016, Vol. 13(2), pp. 192.
73. Wang H., Zhang L., Kudinha T., Kong F., Ma X. J., Chu Y. Z., Kang M., Sun Z. Y., Li R. Y., Liao K., Lu J., Zou G. L., Xiao M., Fan X., Xu, Y. C.: Investigation of an unrecognized large-scale outbreak of *Candida parapsilosis* sensu stricto fungaemia in a tertiary-care hospital in China. Scientific Reports 2016, no 27099.
74. Van Kampen V., Hoffmeyer F., Deckert A., Kendzia B., Casjens S., Neumann H., Buxtrup M., Willer E., Felten C., Schöneich R., Brüning T., Raulf M., Bunger J.: Effects of bioaerosol exposure on respiratory health in compost workers: a 13-year follow-up study. Occupational and Environmental Medicine 2016, Vol. 73(12), pp. 829-837.
75. Viegas C., Faria T., Carolino E., Sabino R., Gomes A. Q., Viegas S.: Occupational exposure to fungi and particles in animal feed industry. Medycyna Pracy 2016, Vol. 67(2), s. 143-154.

2015

76. Brewczyńska A., Depczyńska D., Borecka A., Winnicka I., Kubiak L., Skopińska-Różewska E., Niemcewicz M., Kocik J.: The influence of the workplace-related biological agents on the immune systems of emergency medical personnel. Central European Journal of Immunology 2015, Vol. 40(2), pp. 243-248.
77. Cabo Verde S., Almeida S. M., Matos J., Guerreiro D., Meneses M., Faria T., Botelho D., Santos M., Viegas C.: Microbiological assessment of indoor air quality at different hospital sites. Research in Microbiology 2015, Vol. 166(7), pp. 557–563.
78. Costa S., Paula O., Silva C., Leão M., Santos S.: Stability of antimicrobial activity of peracetic acid solutions used in the final disinfection process. Brazilian Oral Research 2015, Vol. 29(1), pp. 1-6.
79. Dos Santos K., Vilela R. D., Cardoso M. R. A.: Validation of a constraint questionnaire against work incident by biological fluid among the nursing staff of a public hospital, São Paulo, Brazil. International Journal of Epidemiology 2015, Vol. 44(suppl1), p.i226.
80. Ejemot-Nwadiaro R. I., Ehiri J. E., Arikpo D., Meremikwu M. M., Critchley J. A.: Hand washing promotion for preventing diarrhoea. The Cochrane database of systematic reviews 2015, Vol. 9.
81. Gołofit-Szymczak M., Górný R. L., Ławniczek-Wałczyk A., Cypryski M., Stobnicka A.: Bacterial and fungal aerosols in the work environment of cleaners. Medycyna Pracy 2015, Vol. 66(6), pp. 779-791.
82. Kawai T., Sakurai H., Ikeda M.: Estimation of biological occupational exposure limit values for selected organic solvents from logartihm of octanol water partition coefficient. Journal of Occupational Health 2015, Vol. 57(4), p. 359.
83. Kozajda A., Szadkowska-Stańczyk I.: Occupational exposure to biological agents intentionally used in Polish enterprises. Medycyna Pracy 2015, Vol. 66(1), pp. 39-47.

84. Pearson C., Littlewood E., Douglas P., Robertson S., Gant T. W., Hansella A. L.: Exposures and health outcomes in relation to bioaerosol emissions from composting facilities : a systematic review of occupational and community studies, *Journal of Toxicology and Environmental Health* 2015, Vol. 18(1), pp. 43–69.
85. Ratnapradipa K.: 2014 Ebola outbreak : implications for environmental health practice. *Journal of Environmental Health* 2015, Vol. 78(4), pp. 18-21.
86. Rohr A. C., Campleman S. L., Long C. M., Peterson M. K., Weatherstone S., Quick W., Lewis A.: Potential occupational exposures and health risks associated with biomass-based power generation. *International Journal of Environmental Research and Public Health* 2015, Vol. 12(7), pp. 8542–8605.
87. Stobnicka A., Górný R. L.: Exposure to flour dust in the occupational environment. *International Journal of Occupational Safety and Ergonomics (JOSE)* 2015, Vol. 21(3), pp. 241-249.
88. Taniyama Y., Yamauchi T., Takeuchi S., Kuroda Y.: PER1 polymorphism associated with shift work disorder. *Sleep and Biological Rhythms* 2015, Vol. 13(4), pp. 342-347.
89. Viegas S., Veiga L., Figueiredo P., Almeida A., Carolino E., Viegas C.: Assessment of workers' exposure to aflatoxin B1 in a Portuguese waste industry. *Annals of Occupational Hygiene* 2015, Vol. 59, pp. 173–181.
90. Weiss S., Yitzhaki S., Shapira S.: Lessons to be Learned from Recent Biosafety Incidents in the United States. *The Israel Medical Association Journal : IMAJ* 2015, Vol. 17(5), pp.269-273.
91. Yovi E., Yamada Y.: Strategy to disseminate occupational safety and health information to forestry workers : the feeling safety game. *Journal of Tropical Forest Science* 2015, Vol. 27(2), pp. 213-221

2014

92. Ali M. M., Verrill L., Zhang Y.: Self-reported hand washing behaviors and foodborne illness : a propensity score matching approach, *Jorunal of Food*

Protection 2014, Vol. 77(3), pp. 352-358.

93. Cerdá P., Cortés S., Bettini M., Mieres J., Paris E., Ríos J.: Exposure to occupational biological risks : experience of a toxicology information center. Revista Medica De Chile 2014, Vol. 142(4), pp. 443-450.
94. Cook N.: Biological agents. The RoSPA Occupational Safety & Health Journal 2014, Vol. 44(1), 23.17(3), pp. 52-61.
95. Cypryski M., Ławniczek-Wałczyk A., Górný R. L.: Peptidoglycans in cutting fluids : a good indicator of bacterial contamination? Annals of Agricultural and Environmental Medicine 2014, Vol. 21(2), pp. 256-258.
96. Guidotti T. L.: Workplace risk assessment for reproductive hazards. Archives of Environmental & Occupational Health 2014, vol. 69(2), pp. 67-68.
97. Hwang S. H., Park H. H., Yoon C. S.: Analysis of variation in total airborne bacteria concentration to assess the performance of biological safety cabinets in microbial laboratories. Safety and Health at Work 2014, Vol. 5(1), pp. 23-26.
98. Julio R. S., Filardi M. B. S., Marziale M. H. P.: Work accidents with biological material occurred in municipalities of minas gerais. Revista Brasileira De Enfermagem 2014, Vol. 67(1), pp 119-126.
99. Kumar M., Goud B., Joseph,B.: A study of occupational health and safety measures in the Laundry Department of a private tertiary care teaching hospital, Bengaluru. Indian Journal of Occupational and Environmental Medicine 2014, Vol. 18(1), pp. 13-20.
100. Machi Junior A., Quiaios A., Domingues J., Ferreira A., Paixão S., Sá N., Azzalis L., Junqueira Virginia B., Silva O., Fonseca F.: Outcomes of accidents at work with exposure to biological agents. Journal of Human Growth and Development 2014, Vol. 24(3), pp. 249-254.
101. Montano D.: Chemical and biological work-related risks across occupations in Europe : a review. Journal of Occupational Medicine and Toxicology 2014, Vol. 9(1), p. 28.

102. Pinelli C., Mouta L.: Occupational exposure to contaminated biological material : perceptions and feelings experienced among dental students. *Revista De Odontologia Da UNESP* 2014, Vol. 43(4), pp. 273-279.
103. Ribeiro L., Souza A., Tipple A., Melo D., Peixoto M., Munari D.: Intervening factors in attention flow of professionals injured by biological material. *Revista Da Escola De Enfermagem Da USP* 2014, Vol. 48(3), pp. 507-513.
104. Rim K., Lim C.: Biologically hazardous agents at work and efforts to protect workers' health : a review of recent reports. *Safety and Health at Work* 2014, Vol. 5(2), pp. 43-52.
105. Setlhare G., Malebo N., Shale K., Lues R.: Identification of airborne microbiota in selected areas in a health-care setting in South Africa, *BMC Microbiology* 2014, Vol. 14, p. 100.
106. Sjors A., Ljung T., Jónsdóttir I. H.: Diurnal salivary cortisol in relation to perceived stress at home and at work in healthy men and women. *Biological Psychology* 2014, vol. 99(1), p. 193-197.
107. Skóra J., Gutarowska B.: Analysis of selected virulence factors of bacteria and yeast isolated from work environments in composting plants, tanneries, museums. *Medycyna Środowiskowa* 2014, Vol. 17(3), pp. 52-61.
108. Tibães H., Takeshita I., Rocha A.: Accidents at work from exposure to biological material contamination of viral hepatitis "B" and "C" in a Brazilian capital. *Occupational Diseases and Environmental Medicine* 2014, Vol. 02(02), pp. 39-47.
109. Viegas C., Gomes A. Q., Abegão J., Sabino R., Graça T., Viegas S.: Assessment of fungal contamination in waste sorting and incineration-case study in Portugal. *Journal of Toxicology and Environmental Health. Part A.* 2014, Vol. 77, pp. 57–68.
110. Yokota M., Karis A. J., and Tharion W. J.: Thermal-work strain in law enforcement personnel during chemical, biological, radiological, and nuclear (CBRN) training. *International Journal Occupational and Environmental Health* 2014, Vol. 20(2), pp. 126–133.
111. Zaffina S., Marcellini V., Santoro A., Scarsella M., Camisa V., Vinci M.,

Musolino A., Nicolosi L., Rosado M.; Carsetti R.: Repeated vaccinations do not improve specific immune defenses against Hepatitis B in non-responder health care workers. *Vaccine* 2014, VOL. 32(51), pp. 6902-6910.

2013

112. Albrecht A., Kiel K., Kolk A.: Strategies and methods for investigation of airborne biological agents from work environments in Germany. *International Journal of Occupational Safety and Ergonomics* 2007, Vol. 13(2), pp. 201-213.
113. Almeida Santos M., Ferrari I., Luna H.: Chromosomal aberration analysis in workers exposed to chemical and biological hazards in research laboratories. *Environmental Research* 2005, Vol. 97(3), pp. 330-334.
114. Anderson D., Hughes J., Cebulska-Wasilewska A., Wierzebska A., Kasper E.: Biological monitoring of workers exposed to emissions from petroleum plants. *Environmental Health Perspectives* 1996, Vol. 104(3), pp. 609-613.
115. Blacker S., Carter J., Wilkinson D., Richmond V., Rayson M., Peattie M.: Physiological responses of Police Officers during job simulations wearing chemical, biological, radiological and nuclear personal protective equipment. *Ergonomics* 2013, Vol. 56(1), pp. 137-147.
116. Brinia V., Antonaki E.: Health and safety risks, implications and training in hospitals. *Industrial and Commercial Training* 2013, Vol. 45(7), pp. 420-427.
117. Cerdá P., Cortés S., Bettini M., Mieres J., Paris E., Ríos J.: Exposure to occupational biological risks : experience of a toxicology information center. *Revista Médica De Chile* 2014, Vol. 142(4), pp. 443-450.
118. Cormier Y., Boulet L. P., Berube-Genest F.: Effects of chronic organic dust exposure on respiratory function and airway responsiveness in peat moss factory workers. *Archives of Environmental Health* 1990, Vol. 45(1), pp. 20-23.
119. Cypryski M., Kozajda A., Zielińska-Jankiewicz K., Szadkowska-Stańczyk I.:

- Harmful impact of biological agents released at metalworking. Medycyna Pracy 2006, Vol. 57(2), pp. 139-147.
120. Burton J. L.: Health and safety at necropsy : (review). Journal of Clinical Pathology 2003, Vol. 56(4), pp. 254-60.
121. Cenciarelli O., Malizia A., Marinelli M., Pietropaoli S., Gallo R., D'Amico F., Bellecci C., Fiorito R., Gucciardino A., Richetta M., Gaudio P.: Evaluation of biohazard management of the Italian national fire brigade. Defence S&T Technical Bulletin, Kajang : Science & Technology Research Institute for Defence (STRIDE) 2013, Vol.6(1), pp.33-41.
122. Corrao C., Mazzotta A., La Torre G., De Giusti M.: Biological risk and occupational health. Industrial Health 2012, Vol. 50(4), pp. 326-337.
123. Dutkiewicz J., Cisak E., Sroka J., Wójcik-Fatla A., Zajac V.: Biological agents as occupational hazards : selected issues. Annals of Agricultural and Environmental Medicine 2011, Vol. 18(2), pp. 286-293.
124. European Agency for Safety Health At Work.: Biological Agents, 2003.
125. García de Codes Ilario A., De Juanes Pardo J., Arrazola Martínez M., Jaén Herreros F., Sanz Gallardo M., Lago López E.: Accidents with exposure to biological material contaminated with HIV in workers at a third level hospital in Madrid. Revista Espanola De Salud Publica 2004, Vol. 78(1), pp. 41-51.
126. Gioffrè A., Marramao A., Iannò A.: Airborne microorganisms, endotoxin, and dust concentration in wood factories in Italy. Annals of Occupational Hygiene 2012, Vol. 56(2), pp. 161-169.
127. Gołofit-Szymczak M., Wałczyk A., Górný R. L.: Exposure of ventilation system cleaning workers to harmful microbiological agents. Medycyna Pracy 2013, Vol. 64(5), pp. 613-623.
128. Hofmann F., Bolm-Audorff U.: Cancer through the handling of biological agents. MMW Fortschritte Der Medizin 2013, Vol. 155(3), pp. 73-75.
129. Jeyaretnam J., Jones H.: Physical, chemical and biological hazards in veterinary practice. Australian Veterinary Journal 2000, Vol. 78(11),

pp. 751-758.

130. Frączek K., Górný R. L., Ropek L.: Bioaerosols of subterraneotherapy chambers at salt mine health resort. *Aerobiologia* 2013, Vol. 29(4), pp. 481-493.
131. Gołofit-Szymczak M., Jezewska A., Ławniczek-Wałczyk A., Górný, R. L.: Exposure of ventilation system cleaning workers to harmful biological and chemical agents. *Medycyna Pracy* 2012, Vol. 63(6), pp. 711-722.
132. Gołofit-Szymczak M., Ławniczek-Wałczyk A., Górný R. L.: Exposure of ventilation system cleaning workers to harmful microbiological agents. *Medycyna Pracy* 2013, Vol. 64(5), pp. 613-23.
133. Lioy P.: Exposure science : a view of the past and milestones for the future. *Environmental Health Perspectives* 2010, Vol. 118(8), pp. 1081-1090.
134. Kosk-Bienko J., Schneider E., Pawłowska Z.: Biological agents and pandemics review of the literature and national policies. – Luxembourg, Publications Office, 2009.
135. Kozajda A., Szadkowska-Stańczyk I.: Exposure to biological agents used in Polish enterprises : analysis of data derived from the National Register of Biological Agent. *Medycyna Pracy* 2011, Vol. 62(2), pp. 145-52.
136. Kozajda A., Sowiak M., Piotrowska M., Szadkowska-Stańczyk I.: Waste sorting plants–recognition of exposure to biological agents (moulds). *Medycyna Pracy* 2009, Vol. 60(6), pp. 483-490.
137. Lau T., Tang G., Mak K. L., Leung G.: Moment-specific compliance with hand hygiene. *Clinical Teacher*, 2014, Vol. 11(3), pp. 159-164.
138. Moretti M., Villarini M., Scassellati-Sforzolini G., Monarca S., Libraro M., Fatigoni C., Donato F., Leonardi C., Perego L.: Biological monitoring of genotoxic hazard in workers of the rubber industry. *Environmental Health Perspectives* 1996, Vol. 104(3), pp. 543-545.
139. Oliveira A., Paiva M.: Analysis of occupational accidents with biological material among professionals in pre-hospital services. *Revista Latino-Americana*

De Enfermagem 2013, Vol. 21(1), pp. 309-315.

140. Rim K. T., Rim C. H.: Biologically hazardous agents at work and efforts to protect workers' health : a review of recent reports. Safety and Health at Work 2014, Vol. 5, pp. 43-52.
141. Rao C., Cox-Ganser J., Chew G., Doekes G., White S.: Use of surrogate markers of biological agents in air and settled dust samples to evaluate a water-damaged hospital. Indoor Air 2005, Vol. 15(9), pp. 89-97.
142. Schmid I., Dean P.: Introduction to the biosafety guidelines for sorting of unfixed cells. Cytometry 1997, Vol. 28(2), pp. 97-98.
143. Skóra J., Zduniak K., Gutarowska B., Rembisz D.: Harmful biological agents at museum workposts. Medycyna Pracy 2012, Vol. 63(2), pp. 153-65.
144. Solecki L.: XVII International Symposium on Ergonomics, Work Safety and Occupational hygiene : Risk caused by biological hazards in agriculture--present and emerging problems. Medycyna Pracy 2011, Vol. 62(1), pp. 79-84.
145. Teles S., Mendonca K., Melo D.: Accident with biological material at the prehospital mobile care : reality for health and non-healthcare workers. Revista Brasileira De Enfermagem 2013, Vol. 66(3), p. 378.
146. Teschke K., Ahrens W., Andersen A., Boffetta P., Fincham S., Finkelstein M., Henneberger P., Kauppinen T., Kogevinas M., Korhonen K., Liss G., Liukkonen T., Osvoll P., Savela A., Szadkowska-Stańczyk I., Westberg H., Widerkiewicz K., Widerkiewicz K., Occupational exposure to chemical and biological agents in the nonproduction departments of pulp, paper, and paper product mills : an international study. American Industrial Hygiene Association Journal 1999, Vol. 60(1), pp. 73-83.
147. Trottier B.: Risk to police officers from biohazards encountered in police work. Journal of Clinical Forensic Medicine 1995, Vol. 2(2), pp. 111-116.
148. Tymoszuk D., Wittczak T., Walusiak-Skorupa J., Pałczyński C.: Occupational allergy in transport workers--underestimated hazard. Medycyna Pracy 2011, Vol. 62(6), pp. 633-41.
149. Valim M., Marziale M.: Notification of work accidents with exposure

- to biological material : cross study. Online Brazilian Journal of Nursing 2012, Vol. 11(1), pp. 51-64.
150. Van Yperen H., Rutten A., Midtgard U.: Health risks due to exposure to biological agents during removal of organic waste : a survey of gaps in knowledge. Annals of Agricultural and Environmental Medicine 1997, Vol. 4(1), pp. 39-43.
151. Vieira M., Padilha M., Pinheiro R.: Analysis of accidents with organic material in health workers. Revista Latino-Americana De Enfermagem 2011, Vol. 19(2), pp. 332-339.
152. Walters D., Ryan R.: Biohazard control for mailrooms. Occupational Health & Safety 2004, Vol. 73(3), pp. 80-84.
153. Wlazło A., Górný R. L., Złotkowska R., Lawniczek A., Ludzeń-Izbińska B., Harkawy A., Anczyk E.: Workers' exposure to selected biological agents in libraries of Upper Silesia. Medycyna Pracy 2008, Vol. 59(2), pp. 159-170.
154. Zukiewicz-Sobczak W., Cholewa G., Krasowska E., Chmielewska-Badora J., Zwoliński J., Sobczak P.: Rye grains and the soil derived from under the organic and conventional rye crops as a potential source of biological agents causing respiratory diseases in farmers. Postępy Dermatologii i Alergologii 2013, Vol. 30(6), pp. 373-380.