

**Wykaz publikacji naukowych pracowników  
Zakładu Toksykologii i Oceny Ryzyka Zdrowotnego NIZP-PZH  
(stan na 7.07.2021 r.)**

**2010**

1. *Noworyta–Głowacka J., Bańkowski R., Wiadowska B., Ludwicki J.K.*: Ocena toksykologiczna środków ochrony roślin w procesie rejestracyjnym UE [Toxicological evaluation of crop protection chemicals in the EU registration process]. *Rocz Panstw Zakl Hig* 2010;61(1):1-6 (MNiSW=9).
2. *Dobrzyńska M.M., Tyrkiel E.J., Hernik A., Derezińska E., Góralczyk K., Ludwicki J.K.*: Wpływ ftalanu di-*N*-butylu na komórki somatyczne myszy laboratoryjnych [The effect of di-*N*-butyl phthalate on the somatic cells of laboratory mice]. *Rocz Panstw Zakl Hig* 2010;61(1):13-19 (MNiSW=9).
3. *Kostka G., Urbanek-Olejnik K., Wiadowska B.*: Di-butyl phthalate-induced hypomethylation of the *c-myc* gene in rat liver. *Toxicol Ind Health* 2010;26:407-416 <https://doi.org/10.1177/0748233710369124> (IF<sub>2010</sub>=0,915; MNiSW=13).
4. *Toft G., Thulstrup A.M., Jönsson B.A., Pedersen H.S., Ludwicki J.K., Zvezday V., Bonde J.P.*: Fetal loss and maternal serum levels of 2,2',4,4',5,5'-hexachlorbiphenyl (CB-153) and 1,1-dichloro-2,2-bis(p-chlorophenyl)ethylene (p,p'-DDE) exposure: a cohort study in Greenland and two European populations. *Environ Health* 2010;9:22. <https://doi.org/10.1186/1476-069X-9-22> (IF<sub>2010</sub>=2,450; MNiSW – brak na liście).
5. *Góralczyk K., Hernik A., Czaja K., Struciński P., Korcz W., Snopczyński T., Ludwicki J.K.*: Związki halogenoorganiczne – stare i nowe zagrożenia dla ludzi [Organohalogen compounds – new and old hazards for people]. *Rocz Panstw Zakl Hig* 2010;61(2):109-117 (MNiSW=9).
6. *Kostka G., Liszewska M., Urbanek-Olejnik K.*: Toksykogenomika w ocenie zagrożeń substancji chemicznych [Toxicogenomics in hazard assessment of chemicals]. *Rocz Panstw Zakl Hig* 2010;61(2):119-127 (MNiSW=9).

7. **Góralczyk K., Struciński P., Hernik A., Czaja K., Korcz W., Snopczyński T., Kucharska A., Ludwicki J.K.:** Rola i zadania Krajowego Laboratorium Referencyjnego w zakresie pozostałości pestycydów w żywności [The role and tasks of the National Reference Laboratory in the scope of pesticide residues in food]. *Rocz Panstw Zakł Hig* 2010;61(4):349-354 (MNiSW=9).
8. **Dobrzyńska M., Tyrkiel E., Derezińska E., Ludwicki J.K.:** Is concentration and motility of male gametes related to DNA damage measured by comet assay? *Ann Agric Environ Med* 2010;17(1):73-77 (IF<sub>2010</sub>=1,062; MNiSW=27).
9. **Ludwicki J.K., Czaja K., Góralczyk K., Struciński P.:** Probabilistyczna i deterministyczna ocena ryzyka w bezpieczeństwie żywności [Probabilistic and deterministic risk assessment in food safety]. Red.: **J.K. Ludwicki**, Narodowy Instytut Zdrowia Publicznego – Państwowy Zakład Higieny, Warszawa 2011.
10. **Wojtyniak B.J., Rabczenko D., Jönsson B.A., Zvezday V., Pedersen H.S., Rylander L., Toft G., Ludwicki J.K., Góralczyk K., Lesovaya A., Hagmar L., Bonde J.P. INUENDO research group:** Association of maternal serum concentrations of 2,2', 4,4',5,5'-hexachlorobiphenyl (CB-153) and 1,1-dichloro-2,2-bis (p-chlorophenyl)-ethylene (p,p'-DDE) levels with birth weight, gestational age and preterm births in Inuit and European populations. *Environ Health* 2010;9:56 <https://doi.org/10.1186/1476-069X-9-56> (IF<sub>2010</sub>=2,450; MNiSW – brak na liście).

## 2011

11. **Struciński P., Piskorska-Pliszczyńska J., Góralczyk K., Warenik-Bany M., Maszewski S., Czaja K., Ludwicki J.K.:** Dioksyny a bezpieczeństwo żywności [Dioxins and food safety]. *Rocz Panstw Zakł Hig* 2011;62(1):3-17 (MNiSW=7).
12. **Kostka G., Urbanek-Olejniki K., Liszewska M.:** Szacowanie ryzyka dla łącznego narażenia na pozostałości pestycydów w żywności [Risk assessment for cumulative exposure to pesticide residues in food]. *Rocz Panstw Zakł Hig* 2011;62(2):127-136 (MNiSW=7).

13. **Kucharska A., Góralczyk K., Czaja K., Struciński P., Hernik A., Korcz W., Snopczyński T., Ludwicki J.K.:** Wszechobecne związki perfluorowane [Ubiquitous perfluorinated compounds]. *Rocz Panstw Zakl Hig* 2011;62(2):137-144 (MNiSW=7).
14. **Snopczyński T., Struciński P., Góralczyk K., Czaja K., Hernik A., Korcz W., Kucharska A., Ludwicki J.K.:** Zastosowanie metody QuEChERS w połączeniu z chromatografią gazową z detektorem wychwytu elektronów (GC-ECD) w analizie pozostałości pestycydów w żywności [Application of the QuEChERS metod coupled with gas chromatography with elektron capture detection (GC-ECD) in analysis of pesticide residues in food]. *Rocz Panstw Zakl Hig* 2011;62(2):145-151 (MNiSW=7).
15. **Hernik A., Góralczyk K., Struciński P., Czaja K., Kucharska A., Korcz W., Snopczyński T., Ludwicki J.K.:** Polybrominated diphenyl ethers, polychlorinated biphenyls and organochlorine pesticides in human milk as markers of environmental exposure to these compounds. *Ann Agric Environ Med* 2011;18(1):113-118 (IF<sub>2011</sub>=2,311; MNiSW=25).
16. **Góralczyk K., Hernik A., Kucharska A., Struciński P., Czaja K., Korcz W., Snopczyński T., Minorczyk M., Ludwicki J.K.:** Wybrane związki halogenoorganiczne w produktach mlecznych – badania wstępne. **W:** Toksykologia w ocenie bezpieczeństwa chemicznego ludności. Opracowanie monograficzne [Selected organohalogen compounds in milk products – preliminary study. **In:** Toxicology in the chemical safety assessment of population. A Monograph]. Red.: **J.K. Ludwicki, K. Góralczyk, P. Struciński.** Polskie Towarzystwo Toksykologiczne, Warszawa 2011, s. 93-100.
17. **Dobrzyńska M.M., Tyrkiel E.J., Pachocki K.A.:** Developmental toxicity in mice following paternal exposure to di-N-butyl-phthalate (DBP). *Biomed Environ Sci* 2011;24(5):569-578. <https://doi.org/10.3967/0895-3988.2011.05.017> (IF<sub>2011</sub>=1,345; MNiSW=15).

## 2012

18. **Góralczyk K., Struciński P., Hernik A., Czaja K., Korcz W., Minorczyk M., Ludwicki J.K.:** Kurz źródłem narażenia człowieka na polibromowane difenyletery (PBDE) [Indor dust as a pathway of human exposure to polybrominated diphenyl ethers (PBDEs)]. *Rocz Panstw Zakl Hig* 2012;63(1):1-8 (MNiSW=7).

19. **Urbanek-Olejniki K., Liszewska M., Kostka G.:** Wpływ ftalanu dibutyli (DBP) na poziom metylacji i ekspresji genu p53 w wątrobie szczurów Wistar [The effect of dibutyl phthalate (DBP) on the methylation and expression level of *p53* gene in the liver of Wistar rats]. *Rocz Panstw Zakł Hig* 2012;63(4):425-432 (MNiSW=7).
20. **Dobrzyńska M.M., Tyrkiel E., Derezińska E., Pachocki K.A., Ludwicki J.K.:** Two generation reproductive and development toxicity following subchronic exposure of pubescent male mice to di(2-ethylhexyl)phthalate. *Ann Agric Environ Med* 2012;19(1):31-37 (IF=3,060; MNiSW=25).
21. **Lindh C.H., Rylander L., Toft G., Axmon A., Rignell-Hydbom A., Giwercman A., Pedersen H.S., Góralczyk K., Ludwicki J.K., Zvezday V., Vermeulen R., Lenters V., Heederik D., Bonde J.P., Jönsson B.A.:** Blood serum concentrations of perfluorinated compounds in men from Greenlandic Inuit and European populations. *Chemosphere* 2012;88:1269-75. <https://doi.org/10.1016/j.chemosphere.2012.03.049> (IF<sub>2012</sub>=3,137; MNiSW=40).
22. **Hernik A., Góralczyk K., Czaja K., Struciński P., Korcz W., Minorczyk M., Łyczewska M., Ludwicki J.K.:** Monitoring of polybrominated diphenyl ethers (PBDEs) in cord blood from Polish population. *Organohalogen Compd* 2012;74:760-762.
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24. **Noworyta-Głowacka J., Bańkowski R., Siennicka J., Wiadowska B., Beresińska M., Ludwicki J.K.:** Influence of chlorpyrifos on the profile of subpopulations of immunoactive cells and their phagocytic activity in an experimental *in vivo* model. *Ann Agric Environ Med* 2012;19(3):483-486 (IF<sub>2012</sub>=3,060; MNiSW=25).
25. **Toft G., Jönsson B.A., Lindh C.H., Giwercman A., Spano M., Heederik D., Lenters V., Vermeulen R., Rylander L., Pedersen H.S., Ludwicki J.K., Zvezday V., Bonde J.P.:** Exposure to perfluorinated compounds and human semen quality in Arctic and European populations. *Hum Reprod* 2012;27(8):2532-40. <https://doi.org/10.1093/humrep/des185> (IF<sub>2012</sub>=4,670; MNiSW=45).

26. *Kvist L., Lundberg Giwercman Y., Jönsson B.A.G., Lindh C.H., Bonde J.-P., Toft G., Struciński P., Pedersen H.S., Zvyezday V., Giwercman A.*: Serum levels of perfluorinated compounds and sperm Y;X chromosome ratio in two European populations and in Inuit from Greenland. *Reprod Toxicol* 2012;34:644-650. <https://doi.org/10.1016/j.reprotox.2012.09.007> (IF<sub>2012</sub>=3,141; MNiSW=35).
27. *Struciński P.*: Nowe wymagania dotyczące najwyższych dopuszczalnych poziomów dioksyn i polichlorowanych bifenyli w środkach spożywczych [New Regulations on maximum levels for dioxins and polychlorinated biphenyls in foodstuffs]. *Przemysł Fermentacyjny i Owocowo-Warzywny* 2012;10:26-29 (MNiSW=4).
28. *Minorczyk M., Góralczyk K., Struciński P., Hernik A., Czaja K., Łyczewska M., Korcz W., Starski A., Ludwicki J.K.*: Risk assessment for infants exposed to furan from ready-to-eat thermally processed food products in Poland. *Rocz Panstw Zakł Hig* 2012;63(4):404-410 (MNiSW=7).

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29. *Brokken L.J., Rylander L., Jönsson B.A., Spanò M., Pedersen H.S., Ludwicki J.K., Zvezdai V., Bizzaro D., Manicardi G.C., Toft G., Bonde J.P., Giwercman A., Lundberg Giwercman Y.*: Non-linear association between androgen receptor CAG and GGN repeat lengths and reproductive parameters in fertile European and Inuit men. *Mol Cell Endocrinol* 2013;370(1-2):163-171. <https://doi.org/10.1111/j.1365-2605.2010.01084.x> (IF<sub>2013</sub>=4,241; MNiSW=30).
30. *Struciński P., Piskorska-Pliszczyńska J., Maszewski S., Góralczyk K., Warenik-Bany M., Mikołajczyk S., Czaja K., Hernik A., Ludwicki J.K.*: PCDD/Fs and DL-PCBs intake from fish caught in Polish fishing grounds in the Baltic Sea – Characterizing the risk for consumers. *Environ Int* 2013;56:32-41. <https://doi.org/10.1016/j.envint.2013.03.002> (IF<sub>2013</sub>=5,664; MNiSW=45).
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32. **Hernik A., Góralczyk K., Struciński P., Czaja K., Korcz W., Minorczyk M., Ludwicki J.K.:** Polybrominated diphenyl ethers and polychlorinated biphenyls in cord blood from women in Poland. *Chemosphere* 2013;93:526-531. <https://doi.org/10.1016/j.chemosphere.2013.06.045> (IF<sub>2013</sub>=3,499; MNiSW=35).
33. **Lenters V., Thomsen C., Smit L.A.M., Jönsson B.A.G., Pedersen H.S., Ludwicki J.K., Zvezdai V., Piersma A.H., Toft G., Bonde J.P., Becher G., Vermeulen R., Heederik D.:** Serum concentrations of polybrominated diphenyl ethers (PBDEs) and a polybrominated biphenyl (PBB) in men from Greenland, Poland and Ukraine. *Environ Int* 2013;61:8-16. <https://doi.org/10.1016/j.envint.2013.09.001> (IF<sub>2013</sub>=5,664; MNiSW=45).
34. **Bańkowski R., Wiadrowska B., Beresińska M., Ludwicki J.K., Noworyta-Głowacka J., Godyń A., Doruchowski G., Hołownicki R.:** Computer modelling as a tool for the exposure assessment of operators using faulty agricultural pesticide spraying equipment. *Rocz Panstw Zakl Hig* 2013;64(4):271-276 (MNiSW=6).

## 2014

35. **Piskorska-Pliszczynska J., Mikolajczyk S., Warenik-Bany M., Maszewski S., Strucinski P.:** Soil as a source of dioxin contamination in eggs from free-range hens on a Polish farm. *Sci Total Environ* 2014;466-467:447-454. <https://doi.org/10.1016/j.scitotenv.2013.07.061> (IF<sub>2014</sub>=4,099; MNiSW=35)
36. **Hernik A., Góralczyk K., Struciński P., Czaja K., Korcz W., Minorczyk M., Lyczewska M., Ludwicki J.K.:** Characterising the individual health risk in infants exposed to organochlorine pesticides via breast milk by applying appropriate margins of safety derived from estimated daily intakes. *Chemosphere* 2014;94:158-163. <https://doi.org/10.1016/j.chemosphere.2013.09.067> (IF<sub>2014</sub>=3,340; MNiSW=35)
37. **Toft G., Lenters V., Vermeulen R., Heederik D., Thomsen C., Becher G., Giwercman A., Bizzaro A., Manicardi G.C., Spanò M., Rylander L., Pedersen H.S., Struciński P., Zvezdai V., Bonde J.P.:** Exposure to Polybrominated Diphenyl Ethers and Male Reproductive Function in Greenland, Poland and Ukraine. *Reprod Toxicol* 2014;43:1-7. <https://doi.org/10.1016/j.reprotox.2013.10.002> (IF<sub>2014</sub>=3,227; MNiSW=30)

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39. *Høyer B.B., Ramlau-Hansen C.H., Henriksen T.B., Pedersen H.S., Góralczyk K., Zvezdai V., Jönsson B.A.G., Heederik D., Lenters V., Vermeulen R., Bonde J.P., Toft G.*: Body mass index in young school age children in relation to organochlorine compounds in early life: a prospective study. *Int J Obesity* 2014;38:919-925. <https://doi.org/10.1038/ijo.2014.58> (IF<sub>2014</sub>=5,004; MNiSW=45)
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42. *Consoles C., Leter G., Bonde J.P.E., Toft G., Eleuteri P., Moccia T., Budillon A., Jönsson B.A.G., Giwercman A., Pedersen H.S., Ludwicki J.K., Zvezdai V., Heederik D., Spanò M.*: Indices of methylation in sperm DNA from fertile men differ between distinct geographical regions. *Hum Reprod* 2014;29(9):2065-2072. <https://doi.org/10.1093/humrep/deu176> (IF<sub>2014</sub>=4,569; MNiSW=45)
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44. *Ćwiek-Ludwicka K., Ludwicki J.K.*: Endocrine disruptors in food contact materials; is there a health threat? *Rocz Panstw Zakl Hig* 2014;65(3):169-177 (MNiSW=7).
45. *Urbanek-Olejniak K., Liszewska M., Kostka G.*: The effect of phenobarbital on gene expression levels of *p53* and *Dnmt1* in the liver of *Wistar* rats. *Rocz Panstw Zakl Hig* 2014;65(3):199-203 (MNiSW=7).
46. *Noworyta-Głowacka J., Beresińska M., Bańkowski R., Wiadrowska B., Siennicka J., Ludwicki J.K.*: Effect of chlorpyrifos on the profile of subpopulations immunocompetent cells B, T and NK in *in vivo* model. *Rocz Panstw Zakl Hig* 2014;65(4):311-316 (MNiSW=7).

## 2015

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