

A N E X A 4 . 1

Nume Prenume: Neamțiu Iulia Adina

Gradul didactic: .Conf.Asoc.

Instituția unde este titular: Universitatea Babeș-Bolyai

Facultatea: Facultatea de Știința și Ingineria Mediului

Departamentul: Departamentul de Analiza și Ingineria Mediului

L I S T A**lucrărilor științifice în domeniul disciplinelor din postul didactic****A. Teza de doctorat**

Teza de doctorat cu titlul „*Expunerea la plumb anorganic și influența sa asupra sintezei hemului într-o colectivitate industrială*”, profil Medicina Muncii, în cadrul Universității “Lucian Blaga”, Facultatea de Medicină “Victor Papilian”, Sibiu – 2003-2006

B. Cărți și capitole în cărți publicate în ultimii 10 ani

1.

C. Lucrări indexate ISI/BDI publicate în ultimii 10 ani

1. **Neamtiu I.**, Bloom M. S., Gati G., Goessler W., Surdu S., Pop C., Braeuer S., Fitzgerald E. F., Baciuc C., Lupsa I.R., Anastasiu D., Gurzau E., 2015. Pregnant women in Timis County, Romania are exposed primarily to low-level (<10 µg/l) arsenic through residential drinking water consumption, *International Journal of Hygiene and Environmental Health*, 218(4):371-9. doi: 10.1016/j.ijheh.2015.01.004. PMID:25697081. PMCID:PMC4417030
2. Surdu S, Bloom MS, **Neamtiu IA**, Pop C, Anastasiu D, Fitzgerald EF, Gurzau ES., 2015. Consumption of arsenic-contaminated drinking water and anemia among pregnant and non-pregnant women in northwestern Romania, *Environmental Research*;140:657-60. doi:10.1016/j.envres.2015.05.020. PMID:26073204. PMCID:PMC4492828
3. Butts CD, Bloom MS, **Neamtiu IA**, Surdu S, Pop C, Anastasiu D, Fitzgerald EF, Gurzau ES, 2015. A pilot study of low-moderate drinking water arsenic contamination and chronic diseases among reproductive age women in Timiș County, Romania. *Environmental Toxicology and Pharmacology*, 40(3):1001-4. doi: 10.1016/j.etap.2015.11.003. PMID: 26595744. PMCID: PMC4679485
4. Bloom MS, **Neamtiu IA**, Surdu S, Pop C, Anastasiu D, Appleton AA, Fitzgerald EF, Gurzau ES., 2016. Low level arsenic contaminated water consumption and birth outcomes in Romania-An

- exploratory study. *Reproductive Toxicology* 59:8-16. doi: 10.1016/j.reprotox.2015.10.012, PMID:26518419. PMCID: PMC4783180
5. Bloom MS, Micu R, **Neamtiu IA**, 2016. Female infertility and emerging organic pollutants of concern. *Curr Epidemiol Rep*. doi 10.1007/s40471-016-0060-1
 6. **Neamtiu IA**, Bloom MS, Dumitrascu I, Roba CA, Pop C, Ordeanu C, Balacescu O, Gurzau ES., 2016. Impact of exposure to tobacco smoke, arsenic, and phthalates on locally advanced cervical cancer treatment-preliminary results. *PeerJ* 4:e2448. doi: 10.7717/peerj.2448. PMID: 27652000. PMCID: PMC5018676
 7. **Neamtiu IA**, Al-Abed SR., McKernan JL, Baciuc CL, Gurzau, ES, Pogacean AO, Bessler SM, 2017. Metal contamination in environmental media in residential areas around Romanian mining sites. *Reviews on Environmental Health*. doi 10.1515/reveh-2016-0033. PMID: 27930368
 8. Susko ML, Bloom MS, **Neamtiu IA**, Appleton AA, Surdu S, Pop C, Fitzgerald EF, Anastasiu D, Gurzau ES., 2017. Low-level arsenic exposure via drinking water consumption and female fecundity - A preliminary investigation. *Environmental Research* 154:120-125. doi: 10.1016/j.envres.2016.12.030. PMID: 28061371. PMCID: PMC5328919
 9. Lin S, Lawrence WR, Lin Z, Francois M, **Neamtiu IA**, Lin Q, Csobod E, Gurzau ES, 2017. Teacher respiratory health symptoms in relation to school and home environment. *Int Arch Occup Environ Health*. 2017 Jun 9. doi: 10.1007/s00420-017-1235-x. PMID:28600748
 10. Lu Y, Lin S, Lawrence WR, Lin Z, Gurzau E, Csobod E, **Neamtiu IA**, 2017. Evidence from SINPHONIE project: Impact of home environmental exposures on respiratory health among school-age children in Romania. *Sci Total Environ*. 621:75-84. doi: 10.1016/j.scitotenv.2017.11.157. PMID: 29175623
 11. Palumbo JR, Lin S, Lin Z, **Neamtiu IA**, Zhang W, Csobod E, Gurzau ES, 2018. Assessing associations between indoor environment and health symptoms in Romanian school children: an analysis of data from the SINPHONIE project. *Environ Sci Pollut Res Int*. 25(9):9186-9193. doi: 10.1007/s11356-018-1568-3. PMID:29473137
 12. Mihaileanu RG, **Neamtiu IA**, Fleming M, Pop C, Bloom MS, Roba C, Surcel M, Stamatian F, Gurzau E, 2018. Assessment of heavy metals (total chromium, lead, and manganese) contamination of residential soil and homegrown vegetables near a former chemical manufacturing facility in Tarnaveni, Romania. *Environ Monit Assess*. 191(1):8. doi: 10.1007/s10661-018-7142-0. PMID: 30536078
 13. Mihaileanu R, **Neamtiu IA**, Bloom M, Stamatian F, 2019. Birth defects in Tarnaveni area, Romania – preliminary study results. *Medicine Pharmacy Reports* 92(1):59-65. doi: 10.15386/cjmed-984. PMID:30957088
 14. **Neamtiu IA**, Cimpan T, Zhou J, Schiopu I, Surcel M, Lin S, 2019. Monitoring and assessment of formaldehyde levels in residential areas from two cities in Romania. *Rev Environ Health*. 34(3):267-273. doi: 10.1515/reveh-2018-0089. PMID:31129654

15. Lu Y, Marks T, Lin S, **Neamtiu IA**, Csobod E, Gurzau E, 2019. Agreement between parental and student reports on respiratory symptoms and school environment in young Romanian children - evidence from the SINPHONIE project. *Rev Environ Health*. 34(3):275-281. doi: 10.1515/reveh-2018-0087. PMID:31216266
16. **Neamtiu IA**, Lin S, Chen M, Roba C, Csobod E, Gurzau ES, 2019. Assessment of formaldehyde levels in relation to respiratory and allergic symptoms in children from Alba County schools, Romania. *Environ Monit Assess* 191(9):591. <https://doi.org/10.1007/s10661-019-7768-6>. PMID:31446497
17. Lawrence WR, Lin S, Lin Z, Gurram N, **Neamtiu IA**, Csobod E, Gurzau E., 2019. Interactions between dietary habits and home environmental exposures on respiratory symptoms in Romanian school children: an analysis of data from the SINPHONIE project. *Environ Sci Pollut Res Int*. 27(3):2647-2657. doi: 10.1007/s11356-019-07129-z. PMID:31836974
18. **Neamtiu IA.**, 2019. Response to Comments to "Assessment of formaldehyde levels in relation to respiratory and allergic symptoms in children from Alba County schools, Romania" by Neamtiu et al. (2019), EMAS-D-19-03278 for Environmental Monitoring and Assessment. *Environ Monit Assess*. 192(1):57. doi: 10.1007/s10661-019-7899-9. PMID:31858271
19. Ganea IV, Nan A, Turcu R, Roba C, **Neamtiu IA**, Baciuc C, 2020. Study of Metal Ion Removal from Aqueous Systems Using Magnetic Nanostructures Based on Functionalized Poly(Benzofuran-co-Arylacetic Acid). *Analytical Letters*, doi: 10.1080/00032719.2020.1737100
20. Baloch RM, Maesano CN, Christoffersen J, Banerjee S, Gabriel M, Csobod É, de Oliveira Fernandes E, Annesi-Maesano I; SINPHONIE Study group, 2020. Indoor Air Pollution, Physical and Comfort Parameters Related to Schoolchildren's Health: Data from the European SINPHONIE Study. *Sci Total Environ*. 739:139870. doi: 10.1016/j.scitotenv.2020.139870. PMID: 32544681
21. Surcel M, Zlatescu-Marton C, Micu R, Nemeti GI, Axente DD, Mirza C, **Neamtiu I.**, 2020. The role of high follicular levels of angiotensin ii and vascular endothelial growth factor in anticipating the development of severe ovarian hyperstimulation syndrome in patients with prophylactic cabergoline therapy undergoing an in vitro fertilization procedure. *Acta Endocrinol (Buchar)*16(1):30-36. doi: 10.4183/aeb.2020.30. PMID: 32685035. PMCID: PMC7364011
22. Lin Z, Lin S, **Neamtiu IA**, Ye B, Csobod E, Fazakas E, Gurzau E, 2021. Predicting environmental risk factors in relation to health outcomes among school children from Romania using random forest model - An analysis of data from the SINPHONIE project. *Sci Total Environ*. 784:147145. doi: 10.1016/j.scitotenv.2021.147145. PMID: 33901961
23. Ganea IV, Nan A, **Neamtiu I**, Baciuc C, 2021. Neoteric Material Based on Renewable Resources for Metal-Contaminated Waters. *Environ. Sci. Proc.* 9,3. <https://doi.org/10.3390/environsciproc2021009003>
24. Ganea IV, Nan A, Roba C, **Neamtiu I**, Gurzau E, Turcu R, Filip X, Baciuc C., 2022. Development of a New Eco-Friendly Copolymer Based on Chitosan for Enhanced Removal of Pb and Cd from Water. *Polymers (Basel)* 14(18):3735. doi: 10.3390/polym14183735. PMID: 36145880, PMCID: PMC9504173

25. **Neamtiu IA**, Surcel M, Begum TF, Gurzau ES, Berindan-Neagoe I, Braicu C, Rotar I, Muresan D, Bloom MS., 2022. Specific lifestyle factors and in vitro fertilization outcomes in Romanian women: a pilot study. *PeerJ* 10:e14189. doi: 10.7717/peerj.14189. PMID: 36213504, PMCID: PMC9541609
26. Surcel M, Doroftei B, **Neamtiu IA**, Muresan D, Caracostea G, Goidescu I, Staicu A, Nemeti G, Bloom MS, Zlatescu-Marton C., 2022. Impact of Follicle Stimulating Hormone Receptor (FSHR) Polymorphism on the Efficiency of Co-Treatment with Growth Hormone in a Group of Infertile Women from Romania. *Diagnostics* (Basel) 12(10):2371. doi: 10.3390/diagnostics12102371. PMID: 36292058
27. Fazakas E, **Neamtiu IA**, Gurzau ES., 2023. Health effects of air pollutant mixtures (volatile organic compounds, particulate matter, sulfur and nitrogen oxides) - a review of the literature. *Rev Environ Health*. doi: 10.1515/reveh-2022-0252. PMID: 36932657
28. **Neamtiu IA**, Bloom MS, Clark JM, Pop C, Marincas O, Berindan-Neagoe I, Braicu C, Gurzau ES., 2023. Urinary arsenic and spontaneous pregnancy loss - a hypothesis-generating case-control investigation in western Romania. *Chemosphere* 335:139167. doi: 10.1016/j.chemosphere.2023.139167. PMID: 37295686; PMCID: PMC10335628
29. Surcel M, **Neamtiu IA**, Muresan D, Goidescu I, Staicu A, Marta MM, Nemeti G, Harsa R, Doroftei B, Capilna ME, Caracostea G. Killer Cell Immunoglobulin-like Receptor Genotypes and Reproductive Outcomes in a Group of Infertile Women: A Romanian Study. *Diagnostics* 2023, 13, 3048. <https://doi.org/10.3390/diagnostics13193048>
30. Pop LA, Berindan-Neagoe I, Bloom MS, **Neamtiu IA**, Bica C, Gurzau ES., 2024. Arsenic Methyltransferase and Apolipoprotein E Polymorphism in Pregnant Women Exposed to Inorganic Arsenic in Drinking Water in Western Romania. *Int J Mol Sci*. 25(6):3349. doi: 10.3390/ijms25063349. PMID: 38542322, PMCID: PMC10969814

D. Lucrări publicate în ultimii 10 anii în reviste și volume de conferințe cu referenți (neindexate)

- Reviste

1.

- Selecție cu maximum 20 lucrări în volume de conferințe

1.

E. Brevete obținute în întreaga activitate

1.

Data: 14.05.2025

Semnătura:

E – Brevete (pentru întreaga activitate)