



Nedelescu Mirela

Position: Lecturer

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Short Bio:

Mirela Nedelescu MD. PhD, is Lecturer at "Carol Davila" University of Medicine and Pharmacy, Bucharest, Romania, Faculty of Medicine, Hygiene and Environmental Health Department and also working within the National Institute of Public Health Romania, National Centre for Environmental Hazards Assessment.

Doctoral studies focused on clinical and toxicological research on heavy metal pollution and health impact assessment in historically polluted regions of Romania, including dietary intake assessment of heavy metals through consumption of contaminated foods in polluted areas.

Areas of activity and research interests include environmental pollution and preventive measures in order to protect human health, nutrition and food safety, food toxicology, sustainable food systems, community nutrition. Dr. Mirela Nedelescu contributes to the preparation of the national legislation in the field of environmental hazards and the elaboration and implementation of studies in this field.

Relevant publications:

1. Magdalena Mititelu, Denisa Ioana Udeanu, Anca Oana Docea, Aristidis Tsatsakis, Daniela Calina, Andreea Letitia Arsene, **Mirela Nedelescu**, et al. New method for risk assessment in environmental health: The paradigm of heavy metals in honey. *Environmental Research*, 2023, Volume 236, Part 1, 115194.
2. Mititelu, M., Neacșu, S.M., Oprea, E., Dumitrescu, D.-E., **Nedelescu, M.** et al. Black Sea Mussels Qualitative and Quantitative Chemical Analysis: Nutritional Benefits and Possible Risks through Consumption. *Nutrients* 2022, 14, 964.
3. **Mirela Nedelescu**, Miriana Stan, Anne-Marie Ciobanu, Cristian Bălălău, Tommaso Filippini, Daniela Baconi. *Attention deficit among preschool and school-aged children living near former metal-processing plants in Romania*. *Environmental Research*. 2022, Volume 208, 112689
4. **Nedelescu M.**, Baconi D., Neagoe A., et al. *Environmental metal contamination and health impact assessment in two industrial regions of Romania*. *Science of the Total Environment*. 2017; 580:984-995;
5. **Nedelescu M.**, Baconi D., Ciobanu A.M., et al. *Heavy Metal Levels in Teeth and Hair Samples of Children Living in an Industrial Area*. *Journal of Environmental Protection and Ecology*. 2015; 16(3):926-932;
6. **Nedelescu, M.**, Baconi, D.L., Stan, et al. Long-term occupational lead exposure and chronic nephropathy. *Proceedings of The Romanian National Congress of Pharmacy – 17th Edition "21st Century Pharmacy – Between Intelligent Specialization and Social Responsibility"* Bucharest, 26-29 September 2018. pp. 140-144. Filodiritto Editore, 2018. ISBN 978-88-85813-28-1.