



MARIE SKŁODOWSKA-CURIE POSTDOCTORAL FELLOWSHIPS 2022

EXPRESSION OF INTEREST FOR HOSTING MARIE CURIE FELLOWS

HOST INSTITUTION

NOVA University Lisbon | National School of Public Health
Comprehensive Health Research Center (CHRC)

RESEARCH GROUP AND URL

Environmental and Occupational Health

SUPERVISOR (NAME AND E-MAIL)

Professor Susana Viegas
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SHORT CV OF THE SUPERVISOR

Susana Viegas is a professor in NOVA National School of Public Health and a researcher in the Comprehensive Health Research Center (CHRC). Prof. Viegas coordinates and participates in several research projects on environmental and occupational health, exposure assessment and risk assessment. She has authored and co-authored more than 120 scientific publications as well as 300+ conference abstracts, being considered one of the world Top 2% most cited scientist worldwide in 2021 by Stanford University list released in 10th of October 2022. She is a member of the Committee for Risk Assessment of the European Chemicals Agency and of the Scientific Committee of the European Environment Agency. She is also collaborating frequently with the Monographs Programme of the International Agency for Research on Cancer, World Health Organization.

Viegas's research group has emerged as a leading centre for applied research on environmental and occupational health, with interdisciplinary expertise in exposure science, chemical risk assessment and management, burden of disease, epidemiology and science to policy interface. She has extensive experience mentoring Early and Mid Career Researchers providing scientific guidance and exploring jobs and career opportunities.

5 SELECTED PUBLICATIONS

Ubong D, Stewart L, ..., **Viegas S**, Alvito P. Application of human biomonitoring data to support policy development, raise awareness and environmental public health protection among countries within the HBM4EU project, International Journal of Hygiene and Environmental Health, Volume 251,2023,114170,ISSN 1438-4639. <https://doi.org/10.1016/j.ijheh>

European Commission. Directorate-General for Employment, Social Affairs and Inclusion. Directorate EMPL.C Working Conditions and Social Dialogue, **Susana Viegas**, core team. Guidance for the safe management of hazardous medicinal products at work. Brussels: Unit C.2 Health and Safety at Work. EU-OSHA. European Commission; 2023.

Karagas MR, Wang A, Dorman DC, Hall AL, Pi J, Sergi CM, ..., **Viegas S**, et al. Carcinogenicity of cobalt, antimony compounds, and weapons-grade tungsten alloy. The Lancet Oncology 2022; 23(5): 577-578. [https://doi.org/10.1016/S1470-2045\(22\)00219-4](https://doi.org/10.1016/S1470-2045(22)00219-4)

Demers P, DeMarini DM, Fent KW, Glass DC, Hansen J, Adetona O, ..., **Viegas S**, et al. Carcinogenicity of occupational exposure as a firefighter. The Lancet. Oncology 2022; 23(8): 985-986. [https://doi.org/10.1016/S1470-2045\(22\)00390-4](https://doi.org/10.1016/S1470-2045(22)00390-4)

Ladeira C, Gajski G, Meneses M, Gerić M, **Viegas S**. The genotoxicity of an organic solvent mixture: a human biomonitoring study and translation of a real-scenario exposure to in vitro. Regulatory Toxicology and Pharmacology 2020; 116: 104726. <https://doi.org/10.1016/j.yrtph.2020.104726>

PROJECT TITLE AND SHORT DESCRIPTION



Environmental determinants of health – from science to policy action

The project will involve the planning and development of research related with different environmental stressors such as air pollution, climate change, chemicals, UV radiation and much more. The work will be conducted in collaboration with research partners located in all Europe, including EU Agencies and will focus on identifying measures to reduce the health and environmental impact from different environmental determinants. The successful candidate will focus on identifying and quantifying as possible exposure trends, health and environmental impacts, mitigation actions already in place (e.g. technical and regulatory) and identify improvement possibilities of the measures already in place. The research will involve quantifying the health and environmental impacts of current EU policies and to identify and design interventions for effectiveness evaluation and roadmaps for improvement. The candidate will have some experience in quantitative analyses and have the opportunity to work with a multi-disciplinary team with experience in exposure science, chemical risk assessment and management, burden of disease, epidemiology and science to policy interface and policy evaluation.

SCIENTIFIC AREA WHERE THE PROJECT FITS BEST*

Life Sciences (LIF) • Environment and Geosciences (ENV)