



## ZAG vabi na predavanje Juana P Arrebole, Ph.D.

o vplivih onesnaženja na zdravje ljudi z naslovom

**Exposure to low doses of environmental pollutants and obesity-related diseases: an old problem for the new generations**

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Kje: ZAG, Dimičeva ulica 12, Ljubljana

V zadnjih desetletjih se je pojav debelosti v Evropi potrojil in že dosega epidemične vrednosti. Ravno debelost je kriva za mnoga bolezenska stanja, kot na primer visok krvni tlak, srčno-žilne bolezni in celo rak. Tovrstnega stanja ne moremo v celoti enostavno pojasniti s pojavom staranja prebivalstva, z neustreznim prehranjevanjem ali z vedno boljšimi diagnostičnimi metodami. Tudi okolje, v katerem živimo, igra pomembno vlogo. Predpostavlja se, da dolgotrajna izpostavljenost nizkim dozam različnih onesnaževal zelo negativno vpliva na naše zdravje. V sklopu tega predavanja bodo predstavljene glavne skupine tovrstnih onesnaževal, ki jih najdemo v okolju, vključno z njihovim izvorom in kritično izpostavljenostjo. Poleg tega bodo podani laboratorijski, klinični in epidemiološki dokazi raziskovalne skupine dr. Juana P Arrebole, ki dela na tem področju zadnjih 15 let. Na koncu bodo predstavljeni tudi individualni in globalni trendi glede postopkov, ki zmanjšujejo izpostavljenost strupenim snovem ter tekoči in načrtovani projekti.

**Dr. Arrebola** (Ph.D. Epidemiology and Public Health) is a researcher at the University of Granada and at the Biohealth Research Institute ibs.Granada, Spain. He has dedicated 15 years of research work to the investigation of human exposure to environmental pollutants and derived health effects, with special emphasis on biomonitoring studies of human exposure to persistent organic pollutants with hormone/metabolic disrupting potential. Dr Arrebola is a principal investigator in a young and multidisciplinary research team that include experts in analytical chemistry, molecular biology, environmental epidemiology, as well as clinical doctors, aiming to provide a global perspective of the problem. The group's priority research include the assessment of human exposure to environmental pollutants as well as their long-term health implications, the identification of biomarkers of effect, and the assessment of the economic costs of the exposure. Dr. Arrebola actively collaborates with international institutions in Bolivia, Denmark, Tunisia, Portugal, Brasil, Chile, Germany, the United Kingdom, and Slovenia. In addition, it coordinates an international consortium made up of 5 institutions from 4 Latin American countries in order to evaluate the exposure to pesticides and its effects on health in agricultural workers.



Vabljen predavanje Juana P Arrebole bo potekalo v okviru projekta dr. Petre Vrhovnik, Raziskovalci na začetku kariere 2.0 z naslovom: Vsebnosti potencialno toksičnih elementov in delcev mikroplastike v tleh iz izbranih slovenskih urbanih vrtov in kmetijskih zemljišč ter učinkovita remediacija.