

## BIOGRAPHICAL SKETCH



João Paulo Teixeira has been working, for the last 15 years, in the field of environmental health mainly in genetic damage caused by genotoxic and carcinogenic compounds. The effects of genotoxic xenobiotics are studied in a multistage approach, including environmental monitoring (external exposure), biomarkers of exposure (chemical and/or metabolites in urine and blood,), biomarkers of effect (micronucleus in lymphocytes and buccal cells, sister chromatid exchange, chromosomal aberrations and comet assay) and biomarkers of susceptibility (polymorphisms of genes involved in xenobiotic metabolism and DNA repair). He is focused on the molecular mechanisms involved in the cascade of genotoxic/carcinogenic events in relation to exposure to xenobiotics, as well as on the factors of individual susceptibility modulating genotoxic and/or carcinogenic effects. He is the Principal Investigator of two funded national projects in the field of Environmental Health and is the Portuguese coordinator of a European project in the field of nanotoxicology - "NanoLINEN - Nanotoxicology link between India and European Nations" - European Project Networking Pilot Programme on Biotechnology and Health of New INDIGO.