

Maria Antonia LOPEZ

María Antonia López is a PhD Researcher of CIEMAT (Madrid, Spain), centre of research on energy, environment and technology depending on Spanish Government. Dr. Lopez has been involved in internal dosimetry for 25 years counting with more than 70 publications in the field. She is Head of CIEMAT Internal Dosimetry Group which includes 3 laboratories for in-vivo and in-vitro monitoring and the internal dosimetry service, accredited according with ISO 17025 Standard since 2013. She is in charge of the dose assessments and the design of monitoring programs of workers and public at risk of internal exposures.

Dr. María Antonia López is Council member of EURADOS and coordinator of Working Group (WG7) on "Internal Dosimetry". EURADOS WG7 acts as Internal Dosimetry Network of more than 25 institutes from Europe, America and Asia, whose main aims are the coordination of research, the harmonization and the dissemination of scientific knowledge. She has participated together with other 10 WG7 partners, in the European Project TECHREC (2014-2016) for the elaboration of Technical recommendations for Monitoring Individuals for Occupational Intakes of Radionuclides. A new research project was approved in 2015 by European Commission (7FP EURATOM 2016-2018): CATHYMARA "Child and Adult Thyroid Monitoring after Reactor Accident", counting with the involvement of members of EURADOS WG7 "Internal Dosimetry" and WG6 "Computational Dosimetry". She is also involved in EJP-CONCERT - European Joint Programme for the Integration of Radiation Protection Research - under Horizon 2020. As Council member and WG7 coordinator she is mainly involved in CONCERT WP2 for the development and update of EURADOS SRA (Strategic Research Agenda).

Prior to EURADOS WG7, she has participated in (1) CONRAD Project (2005-2007), an EC Coordinated Action on Radiation Dosimetry (EURATOM, FP6-12684) as Chair of Work Package 5 (WP5) for the Coordination of Research on Internal Dosimetry and (2) Dosimetry Network Project (2000-2004, EURATOM FP5 FIR1-CT-2000-20104), WG II - Harmonisation of Individual Monitoring, being coordinator of the action "Integration of Dosimetric Methods for External and Internal exposures".

She is Member of ISO WG13 "Internal Dosimetry" (TC85 "Nuclear Energy", SC2 "Radiation Protection") and she is also involved in the WG on Internal contamination of REMPAN: a WHO Network dealing with Radiation Emergency Medical Preparedness and Assistance. She has been involved in different training actions organized by EURADOS, IAEA, European Commission and others dealing with internal dosimetry issues.