



Curriculum Vitae

PERSONAL INFORMATION **Nome: CRISTINA**

Surname: ANDREOLI

EDUCATION AND TRAINING

Degree in Biological Sciences-1992 (110/110 cum laudae)

'La Sapienza' University of Rome (Faculty of Sciences MM.FF.NN), Rome

Qualification for the profession of biologist-1993. 'La Sapienza' University of Rome (Faculty of Sciences MM.FF.NN), Rome

WORK EXPERIENCES:

- 2010 - today Researcher, National Institute of Health, Department of Environment and Health, Mechanism, Biomarkers, Models Unit
- 2001 – 2009 was hired, with a permanent contract, in the roles of the Ente Tabacchi Italiani (ex State Monopoly) as a research biologist. In July 2004, with the transfer of Ente Tabacchi Italiani to British and American Tobacco, she was promoted to senior researcher (1st level CCNL food employees).
- 1993-2001 Researcher/Scholarship/Contractor, National Institute of Health, Comparative Toxicology and Ecotoxicology Laboratory, Mutagenesis and Genotoxicity unit

The research field in which she has been engaged since her degree thesis is that of Genetic Toxicology. The research activity is aimed at estimating the individual risk factors deriving from exposure to potentially mutagenic and carcinogenic agents and makes use of in vitro models and biomonitoring studies on populations exposed to potentially genotoxic agents and has, among the objectives, the standardization of experimental methods for assessing the risk deriving from exposure to chemical substances. This activity may have possible repercussions on the prevention and therapeutic strategies for neoplastic diseases.

The research activity in recent years has focused on emerging topics of public health, in which the increase of knowledge is necessary for a more solid and accurate risk assessment such as the study of the biological activity of nanomaterials, the development of in vitro of genotoxicity within the framework of the 3Rs strategy and the identification of new early biomarkers of DNA damage. In the field of evaluation of the genotoxic activity of nanomaterials he participates in the group of experts in the OECD WNT project: Project 4.095 Adaptation of the "In Vitro micronucleus assay (OECD TG 487) TGs for Testing of MNs for the production of 'Guidance Document'absorption of chemicals and nanoparticles at the level of the intestinal barrier and the development of functional parameters of intestinal toxicity

OTHER SKILLS:

- ✓ Organization of courses and conferences on *in vitro* genotoxicity testing of nanomaterials
- ✓ Teacher at university level (pre/post-graduate) in the field of biology and genotoxicity testing
- ✓ Participation and coordination of working groups within national and European projects;
- ✓ Supervisor of experimental degree and doctoral theses;
- ✓ Editing and publication of scientific articles in international journals; drafting information sheets on genotoxicity testing of chemicals
- ✓ Reviewer of manuscripts for publication in international scientific journals

Roma, 8th August 2023

“Autorizzo l’ISS e l’Associazione NanoInnovation al trattamento dei miei dati personali e la loro conservazione ai fini organizzativi amministrativi, secondo quanto previsto dal Regolamento UE 2016/679”

Lucrezia Quasoli