SILVIA DI AGOSTINO

Ph.D., Associate Professor

sdiagostino@unicz.it

EDUCATION:

1998: Degree in Biological Sciences. University of Rome TRE, Faculty of Mathematical, Physical and Natural Sciences. Grade: 110/110 with Honors.

2002: PhD in Medical Embryology. University of Rome "Tor Vergata", Faculty of Medicine and Surgery, Human Anatomy Laboratory.

WORK EXPERIENCES:

2010-2020: Health researcher, Oncogenomic and Epigenetic Research Unit, IRCCS Regina Elena National Cancer Institute of Rome (Italy).

2003-2010: Post-doc and principal investigator at the Translational Oncogenomics Laboratory, IRCCS Regina Elena National Cancer Institute of Rome (Italy).

2002-2003: Research grant at the University of Rome Tor Vergata, Faculty of Medicine and Surgery.

TITLE:

12/06/2020-present: Associate Professor 05/BIOS-13, ssd BIOS-13/A; Histology and Embryology.

REASEARCH ACTIVITY:

The research activity of Prof. Di Agostino is mainly focused on the study of the molecular mechanisms and the identification of transcriptional signatures that are at the basis of proliferation and the establishment of genomic instability in tumors.

The main lines of research currently open are:

- Study of the expression of non-coding RNA in tumor tissues and circulating in the fluids of cancer patients as potential biomarkers of diagnosis, prognosis and metastasis processes
- Study of the biochemical and molecular mechanisms of gain of function of the mutated p53 tumor suppressor in new oncogenic activities (metabolism, functional cross-talk with non-coding RNA, mechanisms of metastasis).
- Study of the mechanisms of remodeling of the tumor microenvironment in colorectal tumors (Investigator in the PRIN2022 2022CMTZNH project).

ORCID Number: 0000-0003-3730-1125
ID Scopus: 6602777723
H-index: 35 (Scopus 2024)

TEACHING ACTIVITY:

Master's Degree in Medicine and Surgery (LM-41):
Histology and Embryology BIO/17 (CI Biology-Histology and Embryology; 1st year).

Master's Degree in Dentistry and Dental Prosthetics (LM-46):
Histology and Embryology BIO/17 (CI Anatomy I-Histology and Embryology; 1st year).

Master's Degree in Medical, Veterinary and Pharmaceutical Biotechnologies (LM-9):
Histology BIO/17 (1st year)

Master's Degree in Medicine and Surgery TD Interuniversity (Digital Technologies) (LM-41): Embriology BIO/17 (1st year)