CURRICULUM VITAE

Personal details

Claudia Cirotti
05/12/1989, Rome
University of Rome Tor Vergata - Dept. Biology
claudia.cirotti@uniroma2.it
ORCID: 0000-0001-6267-8034

Work experience

Dec24 - present *EP1*
University of Rome Tor Vergata, Dept. Biology – Molecular Genetics of Cancer Laboratory.

Jan23 - Dec24 *Postdoctoral Research*
University of Rome Tor Vergata, Dept. Biology - Molecular Genetics of Cancer Laboratory.
Project: Study of cellular and molecular mechanisms of new signaling axis Caspase 8 – NRF2 in Glioblastoma

Jan20 - Dec22 *Principal Investigator FIRC-AIRC "Filomena Todini" fellowship*
University of Rome Tor Vergata, Dept. Biology – Signal Transduction Laboratory.
Project: Targeting NRF2-mediated chemoresistance in glioblastoma: a novel role for SRC kinase and tyrosine kinase inhibitors.

Jun19 - Dec1 9 *Postdoctoral Research*
IRCSS - Santa Lucia Foundation, Rome - Signal Tansduction Laboratory.
Project: Study of cellular and molecular mechanisms of SRC Tyrosine kinase-dependent deregulation of NRF2 trascription factor in Glioblastoma.

May17 - Jun19 *Postdoctoral Research*
University of Rome Tor Vergata, Dept. Biology - Signal Tansduction Laboratory
Project: Study of cellular and molecular effects of nutraceuticals compounds in Alzheimer's models.

Education

Nov13 – Dec16 *PhD in Cellular and Molecular Biology, XXIX cicle*
University of Rome Tor Vergata, Dept. Biology – Biochemistry Laboratory.
Thesis title: Molecular characterisations and pathological implications of the antioxidant role of S-nitrosoglutathione reductase

Oct12 – Jul13 *Master's Degree Thesis in Cellular and Molecular Biology*
University of Rome Tor Vergata, Dept. Biology – Biochemistry Laboratory.
Thesis title: Cellular and molecular effects of S-nitrosoglutathione reductase (GSNOR*)*
Graduation date: 25/07/2013*;*Vote: 110/110 cum laude.

Oct11 *Bachelor's Degree in Biological Sciences*
University of Rome Tor Vergata, Dept. Biology – Biochemistry Laboratory.
Thesis title Downregulation of S-nitrosoglutathione reductase (GSNOR) enzyme through RNA interference. Graduation date: 08/10/2011;Vote: 110/110 cum laude

Supervision/teaching experience

- Applied Biology Course (6CFU, BIO/13) CdL in General Psychology of Development, Gender and Social Behavior (a.a. 2022/2023), University of Rome Tor Vergata, Faculty of Medicine and Surgery;
- Laboratory training for high school students, University of Rome Tor Vergata, Dept. Biology Signal Transduction Laboratory;
- Supervision of master's degree students (7) (2016 – to date);

Research interests

Study of cellular and molecular mechanisms responsible for cancer cell aggressiveness, proliferation and therapy resistance. Focus on the aberrant tyrosine kinases-dependent signal transduction and gene expression alteration in cancer. Study of novel strategies to overcame radio-resistance in glioblastoma cellular models.