CURRICULUM VITAE

EUROPEAN FORMAT

PERSONAL INFORMATION

Name, Surname	Giulio Ticli
Address	Via Parco Vecchio n°4, 27100, Pavia (PV), Italy
Telephone	3471412315
E-mail	**giulio.ticli.bio@gmail.com**
Nationality	**Italian**
Place and Date of birth	**Palermo (PA), 11/11/1991**

WORK EXPERIENCE

01/10/2018 - Now

- PhD in Genetics, Molecular and Cellular Biology
  GM-CNR, Pavia (PV)
  Research Topic: "Investigation of role of p21-PCNA interaction in DNA repair process"
  Supervisor: Ennio Prosperi - prosperi@igm.cnr.it

01/03/2018 - 30/09/2018

- CNR Fellowship (AIRC)
  IGM-CNR, Pavia (PV)
  Research Topic: "Dissecting the role of p21$^{(CDKN1A)}$ in DNA repair and its influence in the cell response to antitumor genotoxic drugs"
  Supervisor: Ennio Prosperi - prosperi@igm.cnr.it

15/03/2017 - 15/06/2017

- Erasmus Traineeship
  Technische Universität Darmstadt, Department of Biology,
  Research Topic: "Elucidation of the role of p21$^{(CDKN1A)}$ in DNA repair. Investigation was carried out using fluorescent tagged p21 mutants and PCNA-interacting partners (DNA Polymerase δ and Ligase 1)".
  Supervisore: M. Cristina Cardoso - cardoso@bio.tu-darmstadt.de

01/12/2015 - 31/01/2018

- Master Thesis Internship
  Università degli Studi di Pavia - IGM CNR
  Research Topic: "Study of the p21$^{(CDKN1A)}$ as modulator of PCNA-partners turnover in Nucleotide Excision Repair (NER)"
  Supervisor: Ennio Prosperi - prosperi@igm.cnr.it

01/09/2014 - 31/07/2015

- Bachelor Thesis Internship
  Università degli Studi dell'Aquila - INFN Laboratori Nazionali del Gran Sasso
  Research Topic: "Study of biological phenomena, including the bystander effect, induced by Ultra Soft X-rays microbeam (100 eV-1 keV)".
  Supervisor: Libero Palladino - libero.palladino@aquila.infn.it

EDUCATION AND TRAINING

2015-2017

- Master's Degree in Molecular Biology and Genetics
  Università degli studi di Pavia
  Dipartimento di Biologia e Biotecnologie
  Via Adolfo Ferrata, 9, Pavia (PV), 27100, Italy
  110/110 cum laude

2011-2015

- Bachelor's Degree in Biology
  Università degli Studi dell'Aquila
  Dipartimento MeSVA
  Via Vetoio, L'Aquila (AQ), 67100, Italy
  110/110 cum laude

2005-2010

- Scientific High School Diploma
  I.I.S. "Vittorio Bachelet"
  Via Bachelet, 6, Oggiono (LC), 23848, Italy

RESEARCH ACTIVITIES

Research sectors

- The role of p21$^{(CDKN1A)}$ in NER was investigated through the analysis of p21 (wild-type or mutant), PCNA and PCNA-partners at the DNA damage sites. In particular, I focused on the study of association and dissociation kinetics of the PCNA-interacting proteins, such as the DNA Polymerase-δ and DNA Ligase-1. This study has been carried out by Live Cell Imaging analysis and software (ImageJ, RStudio e Prism), which have been used for statistical analysis of the kinetic parameters.

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- Study of the DNA repair efficiency after oxidative stress in cells derived from patients affected by Rubistein-Taybi syndrome. This syndrome is caused by deletions and/or mutations in CREBBP and EP300 genes, which encode two acetyltransferases involved in transcription activation.

ADDITIONAL INFORMATION

Informatics Skills

- MS Windows, OS Macintosh
- Office (Word, PowerPoint, Excel)
- TotalLab
- Prism
- Rstudio
- ImageJ
- Volocity (Cellular Imaging and Analysis)
- Bioinformatics tools (NCBI, EBI, UniProt, BLAST, Clustal Omega)

Mother Tongue: **Italian**

Other Language(s): **English - TOEFL-IBT Certification: B2 (85/120)**

Articles

• Ilaria Dutto, Claudia Scalera, Micol Tillhon, **Giulio Ticli**, Gianluca Passaniti, Ornella Cazzalini, Monica Savio, Cristina Gervasini, Lidia Larizza, Ennio Prosperi. "Defective DNA repair of oxidative damage in Rubinstein-Taybi syndrome caused by mutation in CREBBP and EP300 genes". Human Molecular Genetics (Under review)

Abstracts

• E. Prosperi, **G. Ticli**, C. Scalera, M. Cardano, I. Dutto, O. Cazzalini, L. A. Stivala, A. Rapp, M. C. Cardoso. "p21$^{(CDKN1A)}$ stimulates nucleotide excision repair DNA synthesis by influencing recruitment and release of PCNA-interacting factors at DNA damage sites". 5th DNA Polymerase meeting. Leiden, The Netherlands, 23rd-26th September, 2018.

• **G. Ticli**, M. Cardano, C. Scalera, I. Dutto, O. Cazzalini, L. A. Stivala, A. Rapp, M. Cristina Cardoso, E. Prosperi. "Coordination of PCNA-interacting partners by p21CDKN1A at sites of UV-induced DNA damage". 6th EU-US Conference on Repair of endogenous DNA damage. Udine, Italy. 26th-28th September, 2017.

• M. Di Paolo Emilio, **G. Ticli** and L. Palladino. "Ultra-soft X-ray Microbeam: optical analysis and intensity measurements". Plasma Physics by Laser and Applications (PPLA 2015). ENEA Research Centre, Frascati, Italy, 5th-7th October, 2015.

Oral Communication

• **G. Ticli**, C. Scalera, I. Dutto, O. Cazzalini, L. A. Stivala, A. Rapp, M. C. Cardoso, E. Prosperi. "Live cell imaging analysis of the influence of p21$^{(CDKN1A)}$ on PCNA-partners turnover at UV-induced DNA damage sites". XV FISV Congress. Rome, Italy. 18th-21st September, 2018.