



Laura Zeppa

PhD student

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SUMMARY

PhD student in Molecular Biology and Cellular Biotechnology with expertise in cellular and molecular biology, immuno-oncology and phytomedicine

CAREER

OCTOBER 2019 - PRESENT

University of
Camerino

PARTECIPANT TO SCIENTIFIC PROJECT

- Granted by Fondazione Maria Guarino Amor Onlus

OCTOBER 2019 - PRESENT

University of
Camerino

PARTECIPANT TO SCIENTIFIC PROJECT

- Granted by ENTOURAGE BIOSCIENCES

OCTOBER 2019 - SEPTEMBER 2020

University of
Camerino

SCHOLARSHIP IN MEDICAL SCIENCES

- Evaluation of Cannabinoids cytotoxic effects in human cancer cell lines

EDUCATION

NOVEMBER 2020 - PRESENT

University of
Camerino

PHD STUDENT IN MOLECULAR BIOLOGY AND CELLULAR BIOTECHNOLOGY

- Cannabinoids in oncology

NOVEMBER 2019

University of
Camerino

QUALIFICATION TO PHARMACIST PROFESSION

OCTOBER 2014 - JULY 2019

University of
Camerino

MASTER DEGREE IN CHEMISTRY AND PHARMACEUTICAL TECHNOLOGY

- Experimental Thesis title: Evaluation of cannabigerol activity in human pancreatic ductal adenocarcinoma cell lines
- Judgment: 110/110 cum laude

JOB-RELATED SKILLS

- Cell culture (normal cell lines, cancer cell lines, primary cell lines, 3D culture)
- Cytotoxicity assay (MTT, SRB)
- Cytofluorimetric analysis (Cell cycle analysis, Annexin/PI assay, Proliferation BrdU assay)
- RNA extraction, cDNA synthesis, RT-PCR, digital droplet PCR, cell transfection and gene silencing, DNA electrophoresis, Comet Assay, western blot, ELISA
- Migration assay

PERSONAL SKILLS

Foreign languages

- English: Level B2

PUBLICATIONS

- Marinelli O, Annibali D, Morelli MB, **Zeppa L**, Tuyaeerts S, Aguzzi C, Amantini C, Maggi F, Ferretti B, Santoni G, Amant F and Nabissi M (2020) Biological Function of PD-L2 and Correlation With Overall Survival in Type II Endometrial Cancer. *Front. Oncol.* 10:538064. doi: 10.3389/fonc.2020.538064
- Aguzzi C, Marinelli O, **Zeppa L**, Santoni G, Maggi F, Nabissi M. Evaluation of anti-inflammatory and immunoregulatory activities of Stimunex® and Stimunex D3® in human monocytes/macrophages stimulated with LPS or IL-4/IL-13. *Biomed Pharmacother.* 2020 Oct 17;132:110845. doi: 10.1016/j.biopha.2020.110845.
- Luongo M, Marinelli O, **Zeppa L**, Aguzzi C, Morelli MB, Amantini C, Frassinetti A, di Costanzo M, Fanelli A, Santoni G, Nabissi M. Cannabidiol and Oxygen-Ozone Combination Induce Cytotoxicity in Human Pancreatic Ductal Adenocarcinoma Cell Lines. *Cancers (Basel).* 2020 Sep 27;12(10):E2774. doi: 10.3390/cancers12102774.
- Marinelli O, Morelli MB, Annibali D, Aguzzi C, **Zeppa L**, Tuyaeerts S, Amantini C, Amant F, Ferretti B, Maggi F, Santoni G, Nabissi M. The Effects of Cannabidiol and Prognostic Role of TRPV2 in Human Endometrial Cancer. *Int J Mol Sci.* 2020 Jul 29;21(15):5409. doi: 10.3390/ijms21155409.
- Benelli G, Pavela R, Cianfaglione K, Sender J, Danuta U, Maślanko W, Canale A, Barboni L, Petrelli R, **Zeppa L**, Aguzzi C, Maggi F. Ascaridole-rich essential oil from marsh rosemary (*Ledum palustre*) growing in Poland exerts insecticidal activity on mosquitoes, moths and flies without serious effects on non-target organisms and human cells. *Food Chem Toxicol.* 2020 Apr;138:111184. doi: 10.1016/j.fct.2020.111184.