



# Cristina Aguzzi

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

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**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 the anti-inflammatory effect of probiotics on normal human cell lines

## EDUCATION

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**NOVEMBER 2020 - PRESENT**

University of  
Camerino

**PHD STUDENT IN MOLECULAR BIOLOGY  
AND CELLULAR BIOTECHNOLOGY**

- Cannabinoids in oncology

**OCTOBER 2012 - APRIL 2019**

University of  
Camerino

**MASTER DEGREE IN CHEMISTRY AND  
PHARMACEUTICAL TECHNOLOGY**

- Experimental thesis title: Evaluation in vitro of the probiotic-prebiotic association effect in inducing modification of inflammatory and immune markers of the atopic dermatitis
- Judgment: 110/110 cum laude

## JOB RELATED SKILLS

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- 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

## LANGUAGE SKILLS

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- English: Level B2, First Certificate in English (ESOL Examinations - University of Cambridge)

## LICENCES

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- Pharmacist licence
- ECDL (European Computer Driving Licence)

## PUBLICATIONS

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- 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. Epub 2020 Feb 13. PMID: 32061727.
- Marinelli O, Annibali D, **Aguzzi C**, Tuyaeerts S, Amant F, Morelli MB, Santoni G, Amantini C, Maggi F, Nabissi M. The Controversial Role of PD-1 and Its Ligands in Gynecological Malignancies. *Front Oncol.* 2019 Oct 15;9:1073. doi: 10.3389/fonc.2019.01073.