

# CRISTINA CRESPO

• Biological sciences researcher •

## ABOUT ME

Dedicated and passionate researcher graduated in Health Biology who is seeking to complete a PhD in the field of integrative approach to health. Excellent research, interpersonal and time management skills, and highly motivated.

## EDUCATION

2018 - 2019 • Master of Translational Medicine Research, major in cancer's research. Faculty of Medicine, University Complutense of Madrid (Spain).

2013 - 2018 • Bachelor's Degree in Health Biology, Faculty of Biology. University Complutense of Madrid (Spain).

## EXPERIENCE

- 04-202 to currently**     **Exercise Medicine Research Institute. edith Cowan University**  
PhD candidate  
- Project development: exercise and fasting for breast cancer patients undergoing neoadjuvant chemotherapy
- 05-2021 to 02-2022**     **Nutrigenomics Research Group, Department of Biochemistry and Biotechnology, University Rovira i Virgili, Tarragona.**  
PhD candidate  
- Off-line  $\mu$ -SPE Extraction of phenolic compounds in serum samples  
- Analysis of plasma flavanols and their metabolites by Liquid chromatography-tandem mass spectrometry  
- Phenolic compounds extraction and quantification from fruit samples
- 11-2020 to 04-2021**     **Health Institute Carlos III, Madrid**  
Researcher  
- Cell cultures of osteosarcoma cell lines and T cells  
- Transduction of human T cell with CAR-expressing lentivirus  
- Anti-tumor activity of CAR T cells *in vitro*  
- *In vivo* model to assess antitumor therapeutic effects of CAR T cells
- 10-2019 to 02-2020**     **Biological Research Center (CSIC), Madrid**  
Grant holder- researcher  
- Cell culture of melanoma cell line A-375  
- Western blotting, RT-qPCR  
- Immunostaining for confocal microscopy  
- Flow cytometry  
- *In vivo* model to study expression of a resistance prognostic biomarker
- 12-2018 to 07-2019**     **H12O - CNIO Haematological Malignancies Clinical Research Unit, National Centre of Oncological Research (CNIO), Madrid.**  
Researcher as Master's student  
- Extraction and cell culture of mouse embryonic fibroblasts (MEFs).  
- Western blotting, RT-qPCR.  
- Viability and senescence assays  
- Immunostaining for confocal microscopy

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**07-2016 to 07-2018** Cell Biology's Department, Group of Stem cells, Immunity and Cancer, Faculty of Biology, University Complutense of Madrid

Research intern

- PCR, RT-qPCR.
- Extraction and cell culture of mouse mesenchymal stem cells.
- Helping in management of mice colony

**09-2014 to 11-2018** TMF Spain, Madrid

Receptionist-administrative

- Switchboard handling and visits reception
- Control of mail and courier
- Administrative support to legal and accountant departments.

## LANGUAGES

- Spanish: First Language
- English: C1 Advanced
- French: A2 Elementary

## SKILLS

- Laboratory experiments and equipment
- Communication skills
- Multi-tasking
- Detail oriented and responsibility
- Problem solving skills
- Fast learner

## HONORS

**2018** University Award for academic work: "End of degree award", University Complutense of Madrid, for the highest score among 100 graduates

## CONGRESS AND COMMUNICATIONS

**10-2021** Poster presentation

ESGCT Collaborative Virtual Congress. Antitumor responses of anti-FITC CAR-T cells targeting B7-H3+ sarcoma tumor cells. L Hidalgo 1; B Somovilla-Crespo 1; M A Rodriguez-Milla 1; P Garcia-Rodriguez 1; C Crespo-Garcia 1; G Setti-Jerez 1; A Morales-Molina 1; J Garcia-Castro 1: Cellular Biotechnology Unit, Instituto de Salud Carlos III.

**06-2019** Oral communication

24th Congress of The European Hematology Association (EHA): hnRNP K overexpression induce nucleolar stress, hallmark of acute myeloid leukemia. Authors: Aguilar-Garrido, P., Crespo-García, C., Carrasco-Rubio, L., Megias, D., Aitken, M.J.L., Malaney, P., Zhang, X., Young, K.H., Post, S.M., Martinez-Lopez, J., Gallardo, M. Available at <https://library.ehaweb.org/eha/2019/24th/266049/pedro.aguilargarrido.hnrnp.k.overexpression.induce.nucleolar.stress.a.html?f=menu%3D14%2Abrowseby%3D8%2Asortby%3D2%2Amedia%3D3%2Aspeaker%3D729619>.

**10-2019** Oral communication

LXI National Congress of the SEHH (Spanish Association of Hematology and Hemotherapy). Authors: Aguilar-Garrido, P., Crespo-García, C., Carrasco-Rubio, L., Megias, D., Aitken, M.J.L., Malaney, P., Zhang, X., Young, K.H., Post, S.M., Martinez-Lopez, J., Gallardo, M.