

Alvaro Centron Broco

Curriculum Vitae

EDUCATION

PhD Student

2019-Present

Sapienza Università di Roma

(October 2021-October 2022)Fellowship “Add SAPIExcellence”.

(January 2021-October 2021)Fellowship “Caratterizzazione di RNA non codificanti circolanti” under the research project: Progetto di ricerca: “MARS-PRE: MARcatori biologici e funzionali per la biomedicina aStronautica di PREcisione” BANDO 8/2020 AR Sapienza Università di Roma.

(January 2019-December 2020)Fellowship under the Marie Skłodowska-Curie Innovative Training Network grant agreement No 721890 called “circular RNA biology Training Network: from biogenesis to biomarkers”. Secondment at Aarhus University (Nanopore sequencing)

MSc. Environmental, Industrial and Nutritional Biotechnology

2016-2018

Universidad Pablo de Olavide

MSc. final project: “Searching for gene clusters related to virulence by coding sequence conservation”

BSc. Biology

2011-2015

Universidad de Granada

WORK EXPERIENCE

Research Assistant (The Youth Guarantee program)

2018

Universidad Pablo de Olavide, Full-time

Practices

2017-2018

Universidad Pablo de Olavide, Part-time

OTHER QUALIFICATIONS

Awards

“Andalucia Open Future”, Universidad de Sevilla

Courses

“I Jornadas de Biomedicina y Biotecnología”, U. de Granada

“Basic Python”, U. de Granada

“Technical Workshop: ”R basics for gene expression studies”,

circRTrain Midterm Review Meet, Sapienza Università di Roma

“circRTrain BioBusiness school”,

on-line, CRG and Mashauri

“RNA analyses by Nanopore and Nanostring”,

circRTrain Winter School, Aarhus University

“Leadership, Mentoring and Networking Biostatistics”,

circRTrain network meeting, University Medical Center Utrecht

Talks

“Jornadas de Biotecnología de los Masteres de la UPO”,

Universidad Pablo de Olavide

SKILLS

<i>Languages</i>	Spanish (mother tongue) English (IELTS 7.5) Italian (fluent)
<i>Software</i>	PERL, LINUX, R, PYTHON, STAR, HISAT, STRINGTIE, SAMTOOLS, BEDTOOLS, HTSEQ, SUPERCOMPUTING ENVIRONMENT, CIRI2, BWA, LIFTOVER
<i>Laboratory</i>	SEMIQUANTITATIVE PCR, CLONING, GEL ELECTROPHORESIS, CELL CULTURE, PLANT INFECTION, WESTERN BLOT, REAL TIME PCR, TRANSWELL MIGRATION ASSAYS, RNA PULLDOWN, PROTEIN AND RNA ISOLATION, CLIP

PUBLICATIONS

Modulation of circRNA Metabolism by m6A Modification.

*Gaia Di Timoteo, Dario Dattilo, **Alvaro Centrón-Broco**, Alessio Colantoni, Marco Guarnacci, Francesca Rossi, Danny Incarnato, Salvatore Oliviero, Alessandro Fatica, Mariangela Morlando, Irene Bozzoni.*

Cell Report, Volume 31, Issue 6, 12 May 2020

CircVAMP3: A circRNA with a Role in Alveolar Rhabdomyosarcoma Cell Cycle Progression

Francesca Rossi, **Alvaro Centrón-Broco***, Dario Dattilo, Gaia Di Timoteo, Marco Guarnacci, Alessio Colantoni, Manuel Beltran Nebot, Irene Bozzoni.*

Genes, 12, no. 7:985, 28 June 2021

Autorizzo la pubblicazione del mio curriculum vitae e il trattamento dei dati personali in esso contenuti in base all'art. 13 del D. Lgs. 196/2003 e all'art. 13 GDPR 679/16