

Alvaro Centron Broco

Curriculum Vitae

EDUCATION

PhD Student

2019-Present

Sapienza Università di Roma

(2019-2020) 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

Languages

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, RNA EXTRACTION

PUBLICATIONS

Modulation of circRNA Metabolism by m6A Modification
May 2020 Cell Reports 31(6):107641