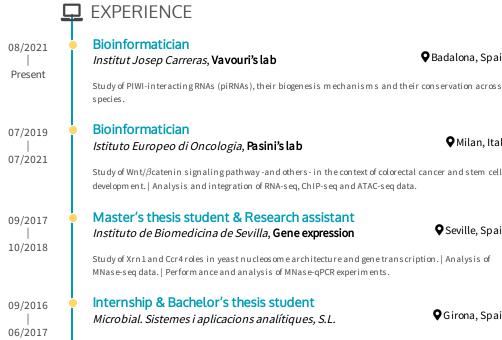
ADRIÀ MITJAVILA VENTURA

Bioinformatician at Institut Josep Carreras | MSc

Biotechnologist living around computers, interested in data analysis to support experimental research as well as in pure (bio)computational experiments and in software/pipeline development. See more about me on my website.



 ${\tt Microbiological}\ and\ m\ olecular\ analys\, es\ for\ path\ ogen\ detection\ and\ food\ foren\, sics.\ |\ Stu\, dy\ of\ bu\ tyrate$ effects on the ileal microbiota of colectomized colorectal cancer patients.

EDUCATION MSc in Bioinformatics and Biostatistics 2018 Online Universitat Oberta de Catalunva Present Master's thesis: Analysis of the variation in piRNA expression across three Mus species. MSc in Molecular Genetics and Biotechnology 2017 Seville, Spain Universidad de Sevilla - Grade: 9.33/10 2018 Master's thesis: Influence of Xrn1 in nucleosome positioning across <u>Saccharomyces cerevisiae</u> genome and its effects in transcription. Grade: 9.2/10 BSc in Biotechnology 2012 **♀**Girona, Spain Universitat de Girona - Grade: 8.12/10 2017 Bach elor's thesis: Butyrate-induced changes in the diversity of intestinal mucosa-associated microbiota in colorectal cancer patients submitted to a lateral ileostomy. Grade: 9.4/10



Xrn1 influence on gene transcription results from the combination of general effects on elongating RNA pol II and gene-specific chromatin configuration Begley V et al. RNA Biology. DOI: 10.1080/15476286.2020.1845504.



CONTACT

◆Badalona, Spain

Milan, Italy

Seville, Spain

Girona, Spain

- Girona (Spain)
- @adria.mitjavila94@gmail.com
- amitjavilaventura.github.io
- (7) /amitjavilaventura
- **D** 0000-0002-0337-1929
- biobit.netlify.app

SKILLS

Bioinform atics:

Microarray, (small) RNA-/ChIP-/ ATAC-/MNase-seq

Informatics:

R/Bioconductor, RMarkdown, Shiny, Bash, Snakemake, Python, Git, HPC, Conda, Docker, Singularity

Experimental:

(RT-)(q)PCR, primer design, electrophoresis, Western Blot, MNasedigestion, bacterial culture

Languages:

Catalan (Native), Spanish (Native), English (C1 - IELTS 7.5), Italian (Basic)

CODE

chromHMMviewR plotmics MYomics (ongoing) ATAC-seq snakemake (ongoing) More on my GitHub profile

> References available upon request. Build with pagedown, code here. Last updated on 2022-01-19.

