

ADRIÀ MITJAVILA VENTURA

Bioinformatician at *Istituto Europeo di Oncologia*.

Biotechnologist living around computers, interested in data analysis to support experimental research as well as in pure computational experiments and in software/pipeline development.



EDUCATION

- 2018
Present
- **MSc in Bioinformatics and Biostatistics**
Universitat Oberta de Catalunya 📍 Online
- 2017
2018
- **MSc in Molecular Genetics and Biotechnology**
Universidad de Sevilla 📍 Seville, Spain
- Master's thesis: *Influence of Xrn1 in nucleosome positioning across Saccharomyces cerevisiae genome and its effects in transcription.*
- 2012
2017
- **BSc in Biotechnology**
Universitat de Girona 📍 Girona, Spain
- Bachelor's thesis: *Butyrate-induced changes in the diversity of intestinal mucosa-associated microbiota in colorectal cancer patients submitted to a lateral ileostomy.*



EXPERIENCE

- 07/2019
Present
- **Bioinformatician**
Istituto Europeo di Oncologia 📍 Milan, Italy
- Epigenetics & Computational Biology
- 09/2017
10/2018
- **Master's thesis student & research assistant**
Instituto de Biomedicina de Sevilla 📍 Seville, Spain
- Gene expression & Computational Biology
- 09/2016
06/2017
- **Internship & Bachelor's thesis student**
Microbial. Sistemes i aplicacions analítiques, S.L. 📍 Girona, Spain
- Molecular Microbiology



PUBLICATIONS

- 2020
- **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](https://doi.org/10.1080/15476286.2020.1845504).

CONTACT

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SKILLS

Omics data analysis:

Microarray
RNA-seq
ChIP-seq
ATAC-seq
MNase-seq

Programming/scripting:

R (base/tidyverse)
Python
Bash

Code repositories:

GitHub
GitLab

Others:

Snakemake
Conda
Docker

Languages:

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



HONORS & AWARDS

2015

2021

2016



Elite Rower

Federación Española de Remo - Spanish Rowing Federation



World Rowing U23 Champion

FISA - WorldRowing

📍 Rotterdam, Netherlands.