

ADRIÀ MITJAVILA VENTURA

Bioinformatician at *Istituto Europeo di Oncologia*.

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



EDUCATION

- 2019
Present
- **PhD in Computational Biology**
Scuola Europea di Medicina Molecolare
Milan, Italy
- 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

- 10/2019
Present
- **PhD candidate in Computational Biology**
Istituto Europeo di Oncologia
Milan, Italy
- Epigenetics & Computational Biology
- 07/2019
10/2019
- **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. Sistemas i aplicacions analítiques, S.L.
Girona, Spain
- Molecular Microbiology

CONTACT

- 🏠 Girona (Spain) - Milan (Italy)
- ✉ adria.mitjavila94@gmail.com
- 🌐 amitjavilaventura.github.io
- 🐙 [/amitjavilaventura](https://github.com/amitjavilaventura)
- 🚀 [/amitjavilaventura](https://amitjavilaventura)

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)



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).



HONORS & AWARDS

10/2019

Present



SEMM PhD Fellowship

Scuola Europea di Medicina Molecolare - European School of Molecular Medicine

📍 Milan, Italy

2015

2021



Elite Rower

Federación Española de Remo - Spanish Rowing Federation

2016



World Rowing U23 Champion

FISA - WorldRowing

📍 Rotterdam, Netherlands.