

# 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. Sistemes i aplicacions analítiques, S.L.*  
Girona, Spain
- Molecular Microbiology

## CONTACT

- 🏠 Girona (Spain) - Milan (Italy)
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- 🌐 [amitjavilaventura.github.io](https://amitjavilaventura.github.io)
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- 🚀 [/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.