

# 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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🚀 [/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)



## HONORS & AWARDS

2015

2021

2016



### Elite Rower

*Federación Española de Remo - Spanish Rowing Federation*



### World Rowing U23 Champion

FISA - WorldRowing

📍 Rotterdam, Netherlands.