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 <u>Saccharomyces cerevisiae</u> 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)
✉ adria.mitjavila94@gmail.com
🔗 amitjavilaventura.github.io
⬡ /amitjavilaventura
⬡ /amitjavilaventura

SKILLS

Omics data analysis:

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

Programming/scripting:

R/Shiny
Python

Workflow management

Snakemake

Environment management

Conda
Docker

Code repositories:

GitHub
GitLab

Operating systems:

MS Windows
MAC OS
Ubuntu

Offimatics:

MS Office
OpenOffice

Languages:

Catalan
Spanish
English
Italian

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.

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.