Andrés Lanzós

andreslanzos-portolio@runbox.com

Languages

English ★★★
Italian ★★☆
Spanish ★★★

Interests

Science
Technology
Survival
Sustainability
Music
Investments

Media links

Personal Webpage
LinkedIn
GitHub
Google Scholar
Twitter

References

Jan Muntel
Supervisor at Biognosys
jan.muntel@omicscouts.com

Rory Johnson
PhD supervisor
rory.johnson@ucd.ie

Biomedical Data Scientist

Summary

Biomedical data scientist working in the pharmaceutical industry, mainly on target/biomarker discovery and translational science. Experienced in multi-omics, clinical data and RWE.

Work Experience and Education

BSc in Biology
Sep 2009 - Aug 2013
University of Vigo, ES

MSc in Bioinformatics for Health Sciences
Sep 2013 - Sep 2015
University Pompeu Fabra, ES

PhD and Postdoc in Biomedical Sciences
Oct 2015 - Apr 2020
University of Bern, CH

Data Scientist
May 2020 - Aug 2022
Biognosys, CH

Data Scientist
Sep 2022 - Present
Idorsia, CH

Skills

Biology
- Genomics ★★★
- Clinical Data ★★☆
- Proteomics ★★☆
- Cancer ★★☆
- Transcriptomics ★★☆
- Metabolomics ★☆☆

Soft
- Troubleshooting ★★☆
- Teamwork ★★★
- Initiative ★★★
- Management ★★☆
- Communication ★★★

Statistics
- Batch Effect Correction ★★★
- Sig. Testing ★★☆
- ML ★☆☆
- Experimental Design ★★★
- Visualisation ★★★

Programming
- HPC ★★☆
- R ★★★
- Python ★★☆
- Shiny ★★☆
- SQL ★☆☆
- Git ★★☆

Selected Publications

Citations: +890
H-index: 6

Tumour mutations in long noncoding RNAs enhance cell fitness. R Esposito*, **A Lanzós*** et al (* Equal contribution). Nature Communications, 2023.

Cancer LncRNA Census reveals evidence for deep functional conservation of long noncoding RNAs in tumorigenesis. +140 citations. J Carlevaro-Fita*, **A Lanzós*** et al (* Equal contribution). Communications Biology, 2020.

Analyses of non-coding somatic drivers in 2,658 cancer whole genomes. +460 citations. E Rheinbay, et al (Including **A. Lanzós**). Nature, 2020.

Discovery of Cancer Driver Long Noncoding RNAs across 1112 Tumour Genomes: New Candidates and Distinguishing Features. +100 citations. **A Lanzós** et al. Scientific Reports, 2017.