

Estefania Mancini

Senior Bioinformatics Scientist

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Professional and Research Experience

- 2024-present **Senior Bioinformatics Scientist**, *Josep Carreras Leukaemia Research Institute*, Myelodysplastic syndromes, Badalona, Spain
- 2022-2024 **Senior Bioinformatics Manager**, *MultiAI health*, Cambridge, UK
- 2017-2021 **Postdoc**, *CRG-Centre for Genomic Regulation*, Regulation of Alternative pre-mRNA Splicing during Cell Differentiation, Development and Disease, Barcelona, Spain
- 2012-2016 **PhD**, *Fundación Instituto Leloir*, Comparative Genomics of Plant Development Research, Buenos Aires, Argentina
- 2010-2012 **Bioinformatic Analyst**, *Institute of Agrobiotechnology Rosario, INDEAR*, Genomic and Bioinformatic Plattform, Rosario, Argentina
- 2009 **Internship**, *Institute National de Recherche en Informatique et en Automatique, INRIA*, Sequoia group, Lille France
- 2003-2009 **Master Biotechnology**, *Universidad Nacional de Rosario*, Rosario, Argentina

Technical skills

Extensive experience in **bioinformatics** applied to genomics and Next Generation Sequencing, complemented by a strong background in **molecular biology**. Currently focused on healthcare genomics using **AI-driven analysis**

- **R/Bioconductor**: Developer/maintainer ASpli package
- **Advanced user in**: Linux OS, Perl/BioPerl, MySQL, Apache Web Server, Latex, Neo4J, AWS, GCP, Netflow/nf-core
- **Publications record**: Co-author >20 articles. ORCID: 0000-0002-7308-1273

Soft skills

Energetic, adaptable, and **inventive** person with a passion for collaborative endeavors across diverse disciplines. Keen on initiatives in **Education, Open Source** and **Open Science**. Committed to **Trustworthy AI** in Life Sciences

- **Teaching**: Extensive teaching experience in Bioinformatics, Data Science, AI in Public/Private institutions
- **Communication skills**: *Vice President of Membership Toastmasters International - Success club Barcelona. *Attendance to > 20 International Scientific Conferences *Actively involved in activities for Women in STEM
- **Management**: *Agile/Design thinking methodologies *OKRs philosophy
- **Mentoring**: *Supervisor of MSc and PhD students *EURAXESS Mentoring Program "Shape the future of a Researcher coming to Europe" *Member 3 thesis evaluation panel