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## AltraBio partner of a European network for the training of pre-doctoral researchers

**AltraBio is participating in this initiative, which has 15 partners and a global budget of more than 2.6 million euros.**

This project, called SIGNATURE (SInGle cells iN AuToimmUne inflammatoRy disEases), is part of the Marie Skłodowska-Curie Actions Programme and the Horizon Europe programme, the European Union's R&D&I plan. This international network will train enterprising, innovative and resilient doctoral students, capable of facing current and future challenges and turning knowledge and ideas into products and services for economic and social benefit.

SIGNATURE is led by the Fundación Pública Andaluza Progreso y Salud in Spain, and more specifically by the researchers Marta Alarcón-Riquelme and Concepción Marañón Lizana. AltraBio has been collaborating with the foundation for 5 years, including in the framework of other large-scale European projects for research on autoimmune diseases and the development of precision medicine. Thirteen other partners are part of the network, including the academic partners such as University of Western Brittany in France, the Flemish Institute of Biotechnology in the Netherlands, the German Rheumatism Research Centre in Germany and the University of Catania in Italy, among others. Biotechnological companies such as Atrys Health and Altrabio are also actively participating in the network.

Specifically, and within the framework of this network, a ten pre-doctoral researchers will be recruited (including one at AltraBio) to follow a training programme in the consortium's partner organisations. In this way, the doctoral students will be in contact with the academic and non-academic research sectors; receiving training related to research, innovation and long-term employability in the field of biomedical sciences. The participating researchers will have an international professional development plan supervised by the relevant scientists in each of the organisations participating in the network. More specifically, the pre-doctoral researcher recruited by AltraBio will 1) develop machine-learning-based analytical pipelines adapted to the analysis and integration of the data generated, or available to, the consortium (tissue images, single cell studies, clinical data) and 2) implement the develop methods to analyse the data generated by the consortium to define the molecular stratification of the diseases and to identify molecular predictors of treatment response.

This is the second European funding obtained by AltraBio, which confirms its implication in research & development of new analysis approaches for medical research.

For more information about the SIGNATURE project and available positions, please visit: [Final\\_Applicants\\_Guide\\_MSCA\\_DN\\_SIGNATURE.pdf](#)

# Press release



## About AltraBio

AltraBio is a research company specialising in the analysis of biological and medical data through the use of statistical methods and artificial intelligence.

With more than 15 years of experience, AltraBio is trusted worldwide by pharmaceutical companies, diagnostics and medical device manufacturers, dermatocosmetic companies, and academic research institutions operating in the various fields of life sciences.

The AltraBio multidisciplinary team consists of experienced professionals with strong skills in medicine, biology, data science, and computer science. This cross-functional expertise allows to go beyond the statistical analysis of your data by understanding your problem, participating in the design of your study, and carrying out the biological and medical interpretation of your results.

In addition, thanks to proprietary and unique artificial intelligence methods, AltraBio reproduces human expertise for the analysis of cytometry data, thus allowing pharmaceutical companies to automatically and quickly analyze this type of data during their clinical trials.

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