



SIGNATURE

Single cells in Autoimmune
inflammatory diseases

Training a new generation of scientists to single-cell technologies and advanced bioinformatics for the identification of mechanisms of response and non-response to therapy in autoimmune disorders.

The SIGNATURE

Doctoral Network

Treatment response and disease progression remain unpredictable in autoimmune diseases. Single cell technologies and advanced bioinformatics offer new insights into the identification of underlying cellular mechanisms to consider patient stratification. The SIGNATURE Doctoral Network will prepare a new generation of scientists through a multidisciplinary training program for molecular profiling and integration of multi-omics single cell data from design to analysis. Trained by European academic and industry experts, SIGNATURE will provide skills to conduct research to increase the capacity for innovation in Europe to predict the best therapy for each patient with clinically heterogeneous diseases.



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