

# Programme: H2020

Project Start Date: 01/09/2019

Project Duration: 84 months

**Project ID:** 831434

**Call for proposals:** H2020-JTI-IMI2-2018-14-two-stage

**Coordinator:** FUNDACION PUBLICA ANDALUZA  
PROGRESO Y SALUD M.P

**Project participants:** 69

**Project website:** <https://3tr-imi.eu/>

**Project value:** 40,273,191.50€

**Genos contribution:** 106,501.56€



## 3TR

### Identification of the Molecular Mechanisms of non-response to Treatments, Relapses and Remission in Autoimmune, Inflammatory, and Allergic Conditions

3TR aims to provide fundamental new insights into the mechanisms of response and non-response to treatment. Thereby, we challenge the conventional “single disease”-based approach, in which diseases are classified according to their end-organ involvement rather than the molecular pathways underpinning them. Consequently, we propose a paradigm shift in the way we look at diseases: Promoting a scientific evidence-based rationale for treatment selection, rather than following the traditional trial and error approach, 3TR will have significant implications for future patient management and the assessment of efficacy, safety and quality of future health products. On a more practical level, central work objectives are: establishing a centralised data and sample management platform, performing comprehensive molecular and clinical characterisation of prospective patient cohorts, delivering integrated analysis of all data using advanced bioinformatics/statistical and modelling methods, and identifying sets of predictive biomarkers of response/non-response to therapies.