GENVIP group bets on the most innovative technologies focused on the biomarkers study in different fields of biomedicine and basic research. GENVIP provides genomic, transcriptomic and bioinformatic services through its own platforms: n-counter Nanostring (www.nanostringenvip.com), NextSeq (www.genvipnextseq.com) or Single-Cell transcriptomics.

GENVIP therefore has considerable experience in a wide range of techniques for cell biology, CRISPR-Cas9 gene editing, massive genotyping, next generation sequencing and bioinformatic data analysis.

GENVIP is a clinical and translational research group in infectious diseases and vaccines using an “omic” approach. GENVIP has a world class fully professional clinical trial unit for vaccines and anti-infectious drugs from design to trial performance. GENVIP has received several excellence recognitions, including the 1 International ZENDAL award.

GENVIP is fully integrated in the Translational Pediatrics and Infectious Diseases section of the Hospital Clínico Universitario de Santiago, awarded Best Infectious Diseases Unit of Spain for 3 consecutive years.

The team is based in Santiago de Compostela, a historic town with a strong cultural background and university tradition.
RESEARCH and a truly groundbreaking, international agenda. Combine energy and dynamism with rigour, ingenuity and a large number of early- and mid-career researchers who engage a bioinformaticians and mathematicians) that engages a pediatricians, geneticists, pharmacists, immunologists, and vaccines. GENVIP is committed to continuing research conducted in Spain. GENVIP aims to consolidate its position at the forefront of international research on infectious diseases and vaccines. GENVIP is committed to continuing collaboration with a wide range of research groups worldwide and to play an important role in the battle against infectious diseases.

Our vision
GEVP has established a number of national and international clinical networks of paediatric patients. This work is allowing the collection of numerous clinical data as well as the creation of an important Biobank – both of them key for the development of further clinical scientific research.

Who are we?
GEVP is a young and multidisciplinary team of pediatricians, geneticists, pharmacists, immunologists, bioinformaticians and mathematicians) that engages a large number of early- and mid-career researchers who combine energy and dynamism with rigour, ingenuity and a truly groundbreaking, international agenda.

Our mission
GEVP mission is to perform high quality research, to expand the knowledge of infectious diseases and to improve its diagnosis, and to develop safe and effective therapeutic and preventive interventions.

Clinical Trials Unit
GEVP has created a world-class clinical trial unit with fully dedicated staff, mainly focused on vaccines and antimicrobials development. This unit channels a large proportion of the clinical trials carried out in Spain for vaccines, from phase 1 with more than 100 trials for 60 different vaccine candidates performed so far. Furthermore, it collaborates with several sponsors in the design of protocols and clinical development programs for a range of vaccine candidates, as well as the search for biomarkers of protection and evaluation of real world epidemiological impact.

Networking and biobanking
GEVP has vast experience in large consortia and clinical networks management (ESIGEM, GENDRES, ROTACOST, REGALIP or MENDICOS), EU-FP7 projects (ECLUIDS and PREPARE), H2020 Projects (POC-ID, DIAMONDS, and IMI2 Projects (RESCEU, PROMISE and C4C)).


Prof. Federico Martinón-Torres
“So far we have focused primarily on the host approach to understand infectious diseases, with special attention to meningococci, pneumococci, rotavirus or respiratory viruses (RSV, SARS-COV-2...) through different international multi-centre approaches. We are also working on biomarkers search and its translation to clinical practice (PoC-ID, DIAVIR... All funded through competitive EU grants as well as FEDER funds through the Instituto de Salud Carlos III.”

Prof. Antonio Salas
“The group has implemented the most cutting-edge methodology in the field of molecular biology and genomics, with a main focus on personalized medicine. Thus, we are now at the vanguard of ‘omic’ sciences, by incorporating immunosequencing and single cell-based ‘omic’ studies to our more familial fields of research in genomics, transcriptomics, proteomics, and epigenomics. In parallel to these developments, we have consolidated our local computational servers. Much more relevant is the multidisciplinary nature of our specialized team that have incorporated bioinformaticians, mathematicians, geneticists, programmers, cell biologists, etc.”

Our vision
GEVP vision is to integrate clinical and research expertise in a breakthrough translational approach with the aim of decreasing the global burden of infectious diseases and providing personalized solutions to the individual patient.