**The Graduate Programme (GP) I**³ opens for students with various backgrounds including Basic Sciences and Health. Immunology is a major field in Nantes, with regard to translational and immunointervention programmes.

This training programme benefits from the contribution of three internationally-established immunology research institutes (INCIT, CRCI2NA and CR2TI), as well as several biotechnology companies in Immunology based in Nantes. Moreover, it is ideally located at Nantes University Hospital which allows the interactions between clinicians and scientists towards high-level research-driven training programmes in Health.

Students joining GP I³ will follow high-end training in Immunology, combining advanced concepts in basic immunology, immunopathology and innovative immunointervention strategies in the context of organ transplantation, cancer, immune-mediated inflammatory diseases and infections.

**GP I³ scientific areas:**

Immunopathology of chronic inflammatory digestive, neurological, rheumatological and dermatological diseases Immunopathology of organ and tissue transplantation Immunopathology of cancer Immunopathology of sepsis Immunointervention strategies in oncology, transplantation, infectious diseases and chronic inflammation Host interactions: microbiota in mucosal barriers Gene manipulation of immune cells in the context of immunotherapies