

I am an INSERM researcher and young group leader of the Advanced-T cell therapy team (U1015) at Gustave Roussy (GR), specialized in Onco/Immunobiotechnology. My work focuses on the study of T cells biology in immunosuppressive environments through systematic and unbiased approaches to accelerate immunotherapeutic targets discovery (in vivo genome-wide CRISPR-screens). I am combining the latest advances in T-cell engineering, genome-scale editing technologies, and single-cell profiling in a context of therapeutic adoptive transfer against cancer to characterize the essential parameters for the development of synthetic immunology providing a new class of effective, safe and affordable treatments for oncology.