Dr. Donnadieu, Ph.D, is an immunologist at Institut Cochin INSERM where he leads the 'Cancer and immune response' team. His research is focused on CAR T cells in tumors using *ex vivo* human preclinical models. He has set up a novel experimental system of tissue slices which, combined with dynamic imaging, enables to test the efficacy and safety of engineered T cells. Involved in several international consortiums on CAR T cells (CARAT, T2EVOLVE...), Dr. Donnadieu participates to a 'Cancer Grand Challenges' network focused on CAR T cells in pediatric solid tumors (https://nex-t-gen.com/).