



Dr. Julie Earl, Senior Researcher,

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Julie Earl completed her PhD at the University of Liverpool, UK and her postdoctoral studies at the University of Liverpool and the Spanish Cancer Research Center (CNIO) in Madrid, Spain. She is a senior researcher in the Medical Oncology department of the university hospital Ramón y Cajal, Madrid, Spain since 2011 and specializes in cancer genetics and tumor biomarkers, particularly in digestive cancers. She is the coordinator of the Spanish familial pancreatic cancer registry and also the coordinator of the BEAMing facility within the institute. The lines of research include the genetics of familial pancreatic cancer and the use of the liquid biopsy for the identification and validation of tumor biomarkers. The main focus are gastrointestinal cancers such as colon, pancreas and gastric but also lung and glioblastoma. Currently, we are performing whole exome sequencing to identify novel genes associated with familial cancer and also validating developing liquid biopsy based tumor markers as prognostic and diagnostic tools. This includes Circulating Tumor Cells (CTC) detection and circulating free tumor DNA detection (cftDNA) in plasma. She is a member of the board of the liquid biopsy group of the Biomedical Research Network in Cancer (CIBERONC). She has published more than 30 articles and currently actively participates in several national and international projects related with oncology research.