We know that around 15% of desmoid tumors appear in patients with Family Adenomatous Polyposis (FAP). When a FAP is diagnosed, part of the colon has to be removed as a preventive measure against colon cancer. But, to date, we have little data, for other DTs (85%), on the risk for these patients to develop a polyposis and a colon cancer. As a consequence, the necessity for recommending a coloscopy is unclear until we know whether the mutations leading to these two types of DTs exclude each other. For this study, Pr Salas (Timone Hospital in Marseille) will use the latest available genetic survey techniques. He is associated for this project with Dr S. Bonvalot (Institut Gustave Roussy) and Dr S. Olschwang (Institut Curie).