

The following Interim Summary was received by PMPRF on October 7, 2010.

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The P.A.T.R. project: Pseudomyxoma Angiogenesis Translational Research has just been started. Our first results are encouraging as we have created 3 models mimicking the human pathology. The PMP was grafted onto the peritoneum of immune-deficient mice. The creation of this model has been time-consuming and all the different tumors grafted did not grow. However, we were lucky because the first tumor graft was successful, resulting 4 months afterwards in an animal presenting the same disease as in the human. The mouse presented a PMP without metastasis and was alive, with a large abdomen with ascitis but without any pain.

In fact, we have created a small number of models, but we plan to begin tests of new drugs just after the summer to test the hypothesis that anti-angiogenic treatments could be efficient for this disease. A young research student has accepted to plan a 3 year research program on the PMP subject.