**ATISR Project Inquiry Form**

Please fill out completely and return to vectra@roswellpark.org

Name of Principal Investigator:

Name of secondary project contact(lab manager, project lead…):

Name of the Organization/Department:

Project Title:

Account # for billing:

List related BDRs/protocols/clinical I #s:  NCI# (if clinical trial)

Full titles of above BDR/protocol/clinical trials:

Optimal date for project completion:

What is the purpose of this project: **[ ]**  grant, [ ]  clinical trial, [ ]  manuscript, or other (please describe)?

**Fill in the applicable details below:**

**Grant/Manuscript Title:**

**Grant/ Manuscript Submission Deadline:**

For Grants:

Please list funding agency       and award type:

Will vectra be listed as percentage on grant, if yes %       Will Dr. Witkiewicz receive salary support, if yes %

**[ ]** Cost estimate **[ ]** LOS **[ ]** Collaboration **[ ]** Feasibility pilot (panel optimization only)

For all projects:

What type of data is required **[ ]  qualitative** (images of optimized panel) &/or **[ ]  quantitative** (inForm analysis, phenotyping)

Number of total slides:

 Are specimens **[ ]**  Human **[ ]**  Mouse **[ ]** TMA [ ]  PDX

Please further specify tissue type (e.g., ovarian cancer, mouse lung…)

**Panel Selection:**

Will project use existing panel (see separate attached word doc):

 **[ ]  Yes [ ]**  **No** If yes, indicate the name of the panel:

**If no, indicate the biomarkers for your desired panel:**

**Notes:**If there is a commercially available, IHC-P validated antibody, it should be compatible with vectra, but please confirm any selections with us before ordering. Panels contain 6 or 8 antibodies + DAPI. Development of a new panel requires weeks to optimize, and projects are first come first serve. **Disclaimer:** Even when a validated IHC-P AB is available not every marker is compatible with the vectra staining platform if after suitable optimization attempts ATISR is unable to incorporate your desired marker we will contact you to decide on a suitable replacement.

**Sample Preparation instructions:**

To ensure optimal results all samples must be cut on one of the following slides (FisherSci Super Frost Plus or Leica Apex BOND superior Adhesive) and be 4 microns thick. Only a single section per slide, placed in middle. The fresher the sectioning the better, so please wait to have slides sectioned until we have optimized your panel.

**We require an H&E and a minimum of 2 USS for each sample.**

**We require a project specific control provided by the investigator of the same type of tissue as the project slides for optimization and run controls. ~15-20 USS slides although this is project dependent and we will confirm specific project needs.**

Project minimum of 10 slides, unless otherwise agreed upon with ATISR. No minimum requirement if samples are TMAs

**Additional questions: (please answer all)**

1. Please provide a brief description of your project to help us better understand its purpose and scope:
2. Please describe what areas of your tissue you would like represented in your project ROIs based on your project aims:

 \*Please note typical vectra projects include the acquisition of 3-8 ROIs per sample dependent on the number of total slides in the project and the size of the sample (some biopsies will only allow for 1-2 ROIs)

**3.** Please list all your phenotypes of interest for you project (e.g., CD4+/CD8-/FOXP3+)

\*\* Please note that ATISR currently has a queue of previously accepted projects. Once your project is top of queue please allow 6-8 weeks of optimization, staining and analysis.