

Example 4**Facilities and Other Resources**

The University of California, San Francisco (UCSF) is one of the preeminent health sciences universities in the country. As a recipient of an NIH Clinical and Translational Science Award, UCSF has a well-developed network of core laboratory resources available to investigators across the university. Dr. DuBois will conduct his research in the UCSF Core Flow Cytometry Laboratory. Additional laboratory resources are available to support future directions that follow from the proposed research. Potentially relevant other resources include: the UCSF Core Tissue Culture Laboratory; the UCSF Cancer Center Preclinical Therapeutics Core Laboratory; and the Genomics Core Laboratory. Each of these facilities is equipped with state of the art equipment.

Dr. DuBois will utilize his private office to complete his work. This office is adjacent to the UCSF CTSI Pediatric Clinical Research Center, allowing Dr. DuBois to be immediately available to meet with subjects participating in his research studies. Dr. DuBois has access to a research nurse practitioner and to a team of clinical research assistants, including one focused exclusively on his research studies.

The UCST CTSI also provides biostatistical resources. Dr. DuBois will have the ability to consult with a PhD-level biostatistician to plan his studies. He will also be able to utilize the UCSF CTSI biostatisticians to execute his planned analyses.

Equipment

The UCSF Core Flow Cytometry Laboratory utilizes state of the art flow cytometers. Most of the proposed flow cytometry studies will be performed either on the LSRII flow cytometer or FACS Aria flow cytometer, both from BD Biosciences. The laboratory also includes computer hardware, FlowJo software (Treehouse), and computational support to handle the large amounts of data collected as part of flow cytometry experiments. Standard equipment for tissue culture, isolation of mononuclear cells, and antibody staining for flow cytometry are available.