



**SAIC-Frederick, Inc.**  
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April 24, 2010

Dr. Jack R. Collins  
Director, Advanced Biomedical Computing Center  
SAIC-Frederick  
PO Box B  
Frederick, MD 21702

Dear Dr. Collins:

I write to enthusiastically support the mission of the SAIC-Frederick Advanced Biomedical Computing Center (ABCC).

Dr. Collins and his staff have greatly enhanced the IT infrastructure of the SAIC-Frederick Small Animal Imaging Program (SAIP). Since initial operation of the SAIP in 2007, the ABCC has initiated and completed several projects: 1) develop and improve remote access and image analysis for NCI-investigators, 2) develop a data export routine for converting an ultrasound multi-slice non-DICOM data-set into a 3D DICOM data-set for an enhanced reduction in tumor volume analysis, 3) provide hands-on image analysis workshops, 4) developing an enhanced tissue Doppler analysis routine, and 5) developing a workflow to assist the NCI-investigator in determining which segmentation algorithm to utilize for their specific data-sets.

The innovative opportunity and partnership that is provided by Dr. Collins and the ABCC will be critical to assist the SAIP in developing ground-breaking image analysis and display processes that will significantly advance the goal in improving cancer treatments.

Respectively,

Joseph D. Kalen, Ph.D.  
Director, SAIC-Frederick Small Animal Imaging Program