PENN STATE

THE JAKE GITTLEN LABORATORIES FOR CANCER RESEARCH

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Dear Members of the Review Committee,

It is with great enthusiasm that I extend my full support to Andrew Sugarman's F30 grant application, titled 'High-Resolution Wide-Field 3D Histopathology for the Morphological Characterization of Prostate Cancer.' Andrew's research, focusing on the optimization and application of Propagation-Based phase-contrast CT (PBCT) imaging in prostate cancer, represents a crucial advancement in the field of experimental pathology.

I am an Assistant Professor in the Department of Pathology and Laboratory Medicine within the Division of Experimental Pathology at the Penn State Cancer Institute. My expertise in papillomavirus-driven infections and cancers positions me to contribute considerably to this proposal. I have closely followed Andrew's progress under the mentorship of Dr. Keith Cheng, a collaborator of mine for many years in several multidisciplinary studies, and am impressed with Andrew's understanding of micro-CT and its transformative potential in cancer diagnosis and research. I will eagerly contribute both to the proposed research and to Andrew's development as an independent scientist in this field. Specifically, I will support this project by providing tissue blocks of human and mouse oropharyngeal cancer, aiding in the completion of aim 1 of this application. I will also support projects in the other aims of the current proposal using my expertise in experimental pathology.

I look forward to evaluating the 3D imaging data that will be generated and reviewing the results with Andrew in biological context. He has assembled a diverse and complementary team that will undoubtedly produce novel and exciting data to move this new field forward. This proposal has my full support.

Sincerely,

Jiafen Hu