

HB 0514F

Testimony to support Maryland SBIR/STTR Incentive Matching Fund

I am Dr. Cha-Mei Tang, founder, president and CEO of Creatv MicroTech, located at Rockville, MD. We develop cancer screening and cancer diagnostics blood tests, call LifeTrac Test.

We just finished Phase I SBIR from NIH National Cancer Institute for our LifeTrac blood test to monitoring effectiveness of lung cancer treatment, determine residual disease at the end of the treatment and provide early detection of recurrence. We are going to apply for Phase II of this research.

We are also funded by NIH for breast cancer screening. Our LifeTrac blood test can detect breast cancer.

We are also funded by Department of Defense for lung cancer screening when low dose CT detects nodules. The current practice to determine whether nodules are cancerous is by lung biopsy. Lung biopsy is expensive and carries a risk. One of my brother-in-law died from lung biopsy at Mass General Hospital in Boston, one of the best hospitals in the world. Our LifeTrac blood test can detect lung cancer.

We just receive NIH funding to determine if our LifeTrac assay can determine when high PSA patients have prostate cancer without need of biopsy. Again biopsy for prostate cancer is expensive and carries a risk. The husband of one of the program manager that funded us, had high PSA. He had a biopsy to determine if he had prostate cancer. He contracted sepsis and had to stay in the hospital for 5 days. Our LifeTrac blood test can detect prostate cancer.

Our LifeTrac tests have all these funded capabilities and more. LifeTrac tests are applicable to all major solid tumors. Our blood tests can screen cancers, predict treatment response in 2 treatment cycles, determine residual disease and early detection of recurrence. If we are successful, we will grow into a multi-billion dollar business in Maryland; and at the same time saving and improving lives.

Clinical medical research takes a long time to gather data and cost is very high. Research grants is non-diluting funding to support our translational research. We still have many expenses not supported by research grants, such as filling patents.

This Maryland SBIR/STTR Incentive Matching Fund will make a big difference to help small business like ours to grow and bring business to Maryland.

Thank you.

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