

CFCF ANNOUNCES ITS CAMPAIGN TO ENABLE A LARGE-SCALE GENOME STUDY OF CARCINOID

Please support this project to pave the way for novel therapies and personalized medicine for patients. For more information, please visit: www.caringforcarcinoid.org.

The medical field now widely accepts that cancer is a genetic disease stemming from changes in the DNA of cancer cells. These changes can be either hereditary or sporadic, resulting in altered genes that can grow out of control and become cancer cells. These mutated genes are called oncogenes. If correctly identified, targeted therapies can be used to block the action of these oncogenes. The majority of NETs are thought to be sporadic, yet relatively few studies have evaluated any of the specific genetic changes in sporadic NETs.

As a result, no carcinoid oncogenes have been discovered and no targeted therapies for carcinoid tumors exist. CFCF's large-scale genome study of carcinoid tumors will harness: (i) the recent improvements in genetic technology, and advances in genomic research; (ii) insights from CFCF's Neuroendocrine Tumor Bioconsortium; and (iii) the results from the Cancer Genome Atlas and the Tumor Sequencing Project.

(more information on these projects continues on the next page)

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