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Pediatric Cancer Foundation is unique in the way we function with our gifting. Our funds go directly to the doctors with the projects that we support. Each year the doctors request funds for either an ongoing or new and original enterprise, and present the details to the Board. There is a contract to work within the confines and conditions previously agreed upon, which requires an annual written report of the previous year, and includes all published material noting **PCF** as the sponsor.

Pediatric Cancer Foundation Grants 2013-2014

At *NewYork-Presbyterian Morgan Stanley Children's Hospital*, **PCF** supports the *PCFDTP (Pediatric Cancer Foundation Developmental Therapeutics Program)*, whose mission is to develop and test strategies for reoccurring pediatric cancers. The research is under the direction of Dr. Julia Glade-Bender and includes investigator initiated clinical trials and industry sponsored trials for new agents. This evaluative program treats children from the entire NY Metropolitan area.

Also at *NewYork-Presbyterian Morgan Stanley Children's Hospital*, we are excited to announce a major move with regard to our original PCF laboratory. An ongoing project under Acting Director Dr. Jessica Kandel with Drs. Cowles and Kadenhe-Chiweshe continues to make exciting progress in the study of a liver tumor of infancy called, Hepablastoma. **PCF** will continue our commitment to this project and the important work Dr. Kadenhe-Chiweshe has done finding a molecular pathway which can control whether these tumors invade the liver. She remains the only investigator currently studying this tumor though it is the third most common cancer of the abdomen in childhood. She will continue with this work while Dr. Jessica Kandel is moving her laboratory to Chicago where she extends the reach of her project at the University of Chicago.

This work of this past year with regard to using an established heart medication to shrink very difficult types of blood vessel tumors will continue. All the children treated with this technique have responded well. It is an exciting development and the first clinical trial of this type of treatment will begin. Thus, the work **PCF** supports may benefit not only children seen at Columbia, but ultimately many others. There is currently no research and or specialized clinical resource for children with this type of blood vessel tumor in all of Illinois, so this new knowledge and partnership is going to have special meaning for children who have this sort of tumor, but haven't had access to this opportunity for treatment.

At *Stephen D. Hassenfeld Children's Center for Cancer and Blood Disorders at NYU Langone Medical Center*, **PCF** supports a three year Hematology/Oncology Fellowship Program. A qualified fellow continues to be trained for the next generation as a dedicated scientist, committed to the practice of comprehensive, compassionate, and research-driven care for children with malignancies and blood disorders. Specifically,

the project is relapsed childhood acute lymphoblastic leukemia (ALL), which carries a poor prognosis, despite intensive treatment, owing to intrinsic drug resistance.

This year **PCF** has also committed to purchase two sleeper sofas and one sleeper reclining chair for pediatric patients treated at the Hassenfeld Center.

At *Memorial Sloan-Kettering Cancer Center*, under the auspices of Drs. O'Reilly and Cheung (Director of the Solid Tumor Laboratory), we have committed funds towards the costs associated with the targeted therapy program. We provide funds to enable essential research and testing of immunotherapy in children with cancer. Our funding goes towards the production and translation of innovative treatment modalities such as fusion proteins and production, purification and data analysis of vaccines for clinical trials. This is not covered by insurance programs and the only way to produce these expensive supplies is by the support by groups such as **PCF**.

At *Cohen Children's Medical Center of NY*, we continue to put funds towards a project headed by Dr. Jeff Lipton whose research explores AML (acute myeloid leukemia) relapse and the difficulties of treatment. With **PCF** support, this project to identify four of the six known Diamond Blackfan Anemia genes is ongoing. It is hoped that soon the mechanism will be developed that determines which mutations in these genes give rise to malignancy.

One of the doctors who benefits from **PCF** funding said: "I have been in this field for 25 years and I frequently think how your donations translate a few years down the road into a cure for hundreds of patients who may have been without hope prior to the success of the research this money supported."

At *Maria Fareri Children's Hospital at Westchester Medical Center*, we continue to support a program that was started several years ago utilizing Alternative Complementary Medicine. This is where nutrition and alternative therapies such as reiki, yoga and massage make a difference. By minimizing the unfortunate symptoms of treatment, new techniques help children and parents relax, feel better and become conscious of the many ways healing takes place.