



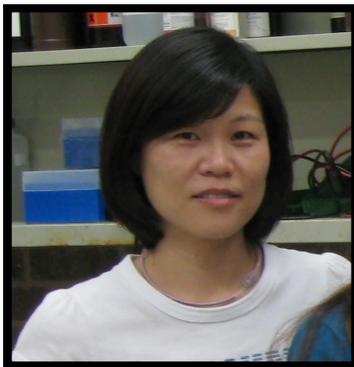
**THE
LONGEVITY
FOUNDATION**



“Collaborative biomedical research of cancer and degenerative diseases associated with auto-immunity, inflammation and premature aging”

Summer 2012

NO LAZY, HAZY DAYS OF SUMMER HERE!



JEESUN KIM PhD

Maybe a bit crazy, though! If summer time is the traditional vacation season, somebody forgot to tell our researchers! Paul Wong has just traveled to Cambridge, England to present the latest findings from his lab to the International A-T Clinical Conference. Predictably, the scientists there were astounded. He presented findings that he and Jeesun Kim have just gotten published in *“STEM CELLS TRANSLATIONAL MEDICINE”* journal that could rightly be called miraculous.

What Paul and Jeesun have found is a way to interrupt the pathway that causes our old nemesis, radical oxygen species (ROS), also known as oxidative stress or free radicals, from preventing neural stem cells from maturing. Their discovery means that there now could be a way to treat neurological diseases by enabling the patient’s OWN stem cells to cure degenerative symptoms seen in a host of diseases like Alzheimer’s, multiple sclerosis, and Parkinson’s.

The significance of their findings cannot be over-stated. By using their approach, not only are philosophical and political challenges associated with stem cell transplantation avoided, but also issues of efficacy and a necessarily compromised immune system for the host who receives the transplant. Costs would be reduced, also!

In support of his work, Paul was recently awarded a grant of £75,000 from the A-T Action Foundation in Great Britain. These funds will allow him to more fully document his discoveries so that hopefully someday soon, full-blown clinical trials can be conducted.



PAUL WONG PhD



Please help us continue our work! DONATE with the enclosed envelope or online at:

www.thelongevityfoundation.org

Clinical Trials, Collaboration and More Stem Cells

Speaking of clinical trials, Dr. Gerry Berry in Boston is proceeding with his plans to conduct world-wide clinical trials for children with A-T. Paul and Bach Pharma, Inc., manufacturer of GVT, are collaborating with him closely on the study's design.

Other items of note on the research front are that Paul was recently invited to be a presenter at the prestigious third annual Texas Stem Cell Research Symposium, sponsored by Texans for Stem Cell Research, at the Texas State Capitol on October 19th. He will be joined by other top stem cell researchers from around the country. Also, in partnership with Bach Pharma, we are helping support a study of glaucoma at Colorado State University—a study of potentially great significance, given our aging population.

We thank you for your generous support that has made these activities possible!

Family News

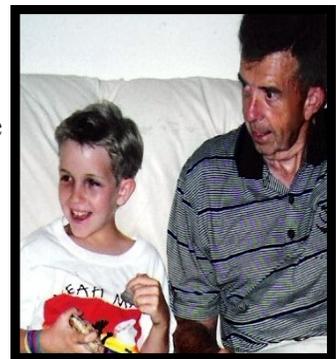


Shirley Howard

Changing the subject, we have some unfortunate news to report. Shirley Howard, Patrick's grandmother and volunteer administrator of our foundation for 15 years, suffered a severe stroke this spring. Her recovery has been extremely daunting, to say the least, but with her strong will and the loving support of friends and family, she seems to be making headway. Thank you all for your kindness and caring.

On a brighter note, we would like to wish Dr. Bill Lynn a happy 90th birthday! For those of you who don't know of him, Bill started his work with us when he met Patrick over 20 years ago. He has poured his heart and soul into the research for many, many years and continues to be the "guru" of our research team. As Robert Howard has always said, "Bill Lynn is the smartest person I have ever met", and that is saying a lot, considering how many people Robert has met! **Happy Birthday Bill!**

Patrick with Bill Lynn



**May your summer be filled
with love, laughter,
health and happiness**

