



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



Winter Bulletin 2008-2009

ANOTHER YEAR OF GREAT PROGRESS!

Thanks to your support and the hard work of many dedicated and talented researchers, The Longevity Foundation has a long list of accomplishments for 2008. These milestones, most of which were coordinated through the lab of Paul Wong, Ph. D. at M.D. Anderson-Science Park, are highlighted below:

*Virginia Scofield, Ph.D. (one of the stars in our video) will have back-to-back publications in the medical journal *Immunology Today* demonstrating how GVT (derived from the Russian drug known as Galavit) can **protect T cells** in the thymus and small intestine when they are **exposed to a deadly virus**.

*Researchers at M.D. Anderson in Bastrop have proven that GVT can **protect the immune systems in mice** who have been **infected with** a virus similar to **HIV**.

*George Stoica, Ph.D. and Gina Lungu, Ph.D. at Texas A&M University have identified how GVT protects the immune system. They have discovered that GVT boosts a chemical in cells known as Nrf2, which **increases production** of the crucial cellular anti-oxidant called **glutathione**.

*Julie Gianfriddo, D.V.M. at Colorado State University has found that GVT will **prevent** the occurrence of **glaucoma** in mice that are predisposed to acquire that disease.

*John DiGiovanni, Ph.D. at M.D. Anderson and Nomeli Nunez, Ph.D. at the University of Texas at Austin have found preliminary indications respectively that GVT will **prevent damage caused by radiation and diabetes**.

*Gerard Berry, M.D. at Children’s Hospital at Harvard Medical School has been instrumental in securing a **\$25 million grant to start the world’s first center for the study of rare diseases**. We have been friends and collaborators with Dr. Berry for many years and hope to join him in conducting a clinical trial using GVT for children with A-T. The study will be done in partnership with M.D. Anderson Hospital in Houston.

*Mingshan Yan, M.D. at M.D. Anderson –Science Park has discovered a protocol using the drug rapamycin to **prevent lymphoma** in A-T mice. This drug had held promise, but until his protocol, had never succeeded!

What Do We Want to Accomplish in 2009?

It is very important that we not lose momentum in **supporting the research that is on-going**, especially in these times of budgetary cutbacks. Too much headway has been made to let our investment on the future falter. We have also received excellent proposals for studies in **breast cancer and multiple sclerosis** that are ready to begin as soon as funding becomes available. As you consider where your tax-deductible charitable dollars will go before the end of the year, please think of all the good work being done by The Longevity Foundation’s researchers right here in Central Texas!

Thank you Thank you Thank you Thank you Thank you Thank you

We have many people to thank for the successful year we have just completed, but none as important as those who have contributed this year and over the years to both The Longevity Foundation and the A-T Project. Nothing substantial could have been done without the gifts of your precious dollars. We would also like to give special thanks to the people who have sponsored fundraising events for us throughout 2008, including **Suzanne and Ted Stewart, Edith and Darrell Royal, Mark Henry, Stephen Stroup, M.D., Bach Pharma, Bill Worrell, and Jack Buchanan**. And stay tuned for an exciting announcement from **Walt Wilkins!**