

**Dr Henry Rodriguez, MS, PhD**

Project Leader, Biotechnology Division, National Institute of Standards and Technology, Gaithersburg, Maryland USA.

Dr Henry Rodriguez's research interests are the detection, mapping and repair of oxidative DNA damage, its relation to diseases associated with aging, and the development of methods in treating age-related diseases. His work has led to the development of a PCR-based assay in mapping oxidative damage to DNA in mammalian genes, an area of great importance in the fields of medical science, mutagenesis and carcinogenesis. Recently, Dr Rodriguez has been involved in the development of high-performance liquid chromatography/mass spectrometry (LC/MS) for the measurement of oxidative damage to DNA. His other area of research is Tissue Engineering and developing test methods to ensure their safety during development, storage and shipment. He is the recipient of domestic and international honors and awards for his efforts on nucleic acid technology development.

Dr Rodriguez has been a leading voice in defining the potential for and promoting the importance of research and technology development. Prior to becoming a Project Leader at the National Institute of Standards and Technology (NIST), Dr Rodriguez trained at the Scripps Research Institute and later at the City of Hope Cancer Research Hospital in Southern California. Dr Rodriguez holds a MS in Biology, a PhD in Molecular and Cellular Biology, and is currently working towards an MBA degree.

**Awards received:**

2002 — Awarded "top 3" success story from the 30-year history of the MBRS (Minority Biomedical Research Students) Programme. President, The Oxygen Club of Greater Washington, DC.

2001 — Sigma Xi Young Investigator Award, The Sigma Xi Scientific Research Society. State of Hawaii Proclamation letter by the Governor of Hawaii recognizing the importance and contributions of the Oxidative Stress and Aging Association. President-Elect, The Oxygen Club of Greater Washington, D C.

2000 — Sigma Xi Mid-Atlantic Regional Young Investigator, The Sigma Xi Scientific Research Society.