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## **Larry DeLucas, Ph.D.**

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Dr. DeLucas is the Senior Vice President of Biologics for Predictive Oncology. He oversees Predictive Oncology's solubility and stability contracts for numerous pharmaceutical/biotech companies.

From 1981 to 2016, Dr. DeLucas was a faculty member at the University of Alabama at Birmingham (UAB) where he served as a Professor in the School of Optometry, Senior Scientist and Director of the Comprehensive Cancer Center X-ray Shared Facility, and Director of the Center for Structural Biology. Dr. DeLucas received five degrees from UAB culminating in a Doctor of Optometry degree and a Ph.D. degree in Biochemistry. He also received honorary Doctor of Science degrees from The Ohio State University, Ferris State University, the State University of New York (SUNY), and the Illinois College of Optometry.

He has published 164 peer-reviewed research articles in various scientific journals, co-authored and edited several books on protein crystal growth and membrane proteins and is a co-inventor on 43 patents involving protein crystal growth, novel biotechnologies and structure-based drug design. DeLucas was a payload specialist NASA astronaut and member of the 7-person crew of Space Shuttle Columbia for Mission "STS-50", called the United States Microgravity Laboratory-1 (USML-1) Spacelab mission. Columbia launched on June 25, 1992, returning on July 9. In 1994 and 1995, Dr. DeLucas served as the Chief Scientist for the International Space Station at NASA Headquarters in Washington, D.C. In 1999, Dr. DeLucas was recognized as one of the scientists who could shape the 21st century in an article published by "The Sunday Times" of London titled "The Brains Behind the 21st Century." In 2004, he was recognized as a Top Ten Finalist for the Entrepreneur of the Year award from the Birmingham Business Journal.