

In Memoriam: J. Thomas August, M.D.

On February 11, 2019, J. Thomas August, M.D., a director of BIQUAL, Inc., since 1982, passed away at the age of 91. Dr. August was a founder of the Company and a holder 19.8% of the Company's outstanding Common Stock as of February 15, 2019. Additionally, during Dr. August's association with the Company, he served as the Chief Scientist from 1981 to 1987 and as Scientific Advisor from 1987 to 2010. As a director, Dr. August held positions periodically on the Executive, Audit and Compensation Committees. There are no immediate plans to fill the vacancy on the Board of Directors created by Dr. August's death, as a result of which the Board will now have six members.

In 1976, Dr. August joined the faculty of John Hopkins University Medical School as director of Pharmacology and Experimental Therapeutics, and he continued his association with Hopkins until his death. Dr. Excerpts from a statement issued by Johns Hopkins on Dr. August's passing follow:

During the early part of his career, August focused on endocrinology, but turned to molecular biology by the 1960s. In 1980, he discovered proteins in the membranes of tiny structures within cells, called lysosomes, which act as transport vehicles to shuttle cellular contents into and out of the cell. August found that the proteins, called lysosome-associate membrane proteins (LAMPs), help to activate the immune system by delivering foreign substances or "antigens" to other immune system cells.

The discovery revolutionized the field of immunology as scientists began to develop vaccines that could leverage the ability of LAMPs to inform the immune system of antigens that pose a threat to the human body. In recent decades, August studied the development of vaccines to target viruses such as HIV, dengue, influenza West Nile. He was a faculty member at Stanford and New York University before he was appointed the Siegfried Ullmann Professor of Molecular Biology, chair of the Department of Molecular Biology and director of the Division of Biological Sciences at Albert Einstein College of Medicine.

August was named a University Distinguished Service Professor at the Johns Hopkins University School of Medicine in 2001. He was the Markle Scholar in Medicine Sciences at Stanford from 1960 to 1965, a fellow of the John Simon Guggenheim Memorial Foundation, a recipient of the Johnson and Johnson Focused Giving Award and fellow of the American Association for the Advancement of Science.

He held eight patents on vaccine-related technology and published hundreds of scientific articles in academic journals.

"Tom's scientific knowledge and guidance through his years of service has been a major factor in the Company's continued growth. Tom will be remembered for his love of science and as a dedicated board member. He will be greatly missed," said Company President, CEO and Chairman of the Board, Dr. Mark Lewis, Ph.D.