



Bruce D. Roth, Ph.D.

Vice President, Discovery Chemistry at Genentech Small Molecule Discovery

Bruce Roth received his BS in Chemistry from St. Joseph's College in Philadelphia, PA (1976). He then moved to Iowa State University where he received his Ph.D. in Synthetic Organic Chemistry (1981) under the direction of Dr. George A. Kraus. Bruce then underwent postdoctoral training under the direction of Dr. Andrew S. Kende at the University of Rochester where he completed the total synthesis of the insect antifeedant (\pm)-Ajugarin IV and the anticancer agent (\pm)-Quadrone.

In 1982, Bruce joined the Atherosclerosis Chemistry Section of the Warner-Lambert/ Parke-Davis Co located in Ann Arbor, MI. As part of a project aimed at discovering inhibitors of cholesterol biosynthesis, Bruce synthesized the compound that would ultimately be marketed as Lipitor®. For his invention of Lipitor®, Bruce received the 1997 Warner-Lambert Chairman's Distinguished Scientific Achievement Award, the 1999 "Inventor of the Year Award" from the New York Intellectual Property Law Association, the 2003 American Chemical Society Award for Creative Invention, the 2003 Gustavus J. Esselen Award for Chemistry in the Public Interest, sponsored by the North East Region Section of the American Chemical Society, the 2005 Distinguished Achievement Award from Iowa State University and a 2006 Pfizer Global Research and Development Achievement Award. After taking on progressively greater leadership responsibilities at Parke-Davis and Pfizer, Bruce served as Vice President of Chemistry at the Pfizer Global Research and Development, Ann Arbor Laboratories from 2000-2007. He also served as an adjunct associate professor in the Department of Medicinal Chemistry in the School of Pharmacy of the University of Michigan from 1996-2007.

In May 2007, Bruce joined Genentech Small Discovery as Senior Director of Discovery Chemistry. On August 10, 2008 he was named one of the American Chemical Society Heroes in Chemistry for the Discovery and Development of Lipitor®.

Dr. Roth is the inventor or co-inventor of 43 issued U.S. patents and the author or co-author of 50 manuscripts, 35 published abstracts, 9 book chapters and review articles and has given more than 20 invited lectures.