

## Fu-Kuen Lin's Biography

Fu-Kuen Lin was born in 1941 in Keelung, Taiwan. He attended the National Taiwan University and was awarded a B.S. in 1964 and M.S. in plant pathology in 1967. In September 1967, he moved to the United States to study fungi physiology under Professor David Gottlieb, a pioneer in the field of fungi physiology and antibiotics at the University of Illinois at Urbana-Champaign. He was awarded a doctorate in plant pathology in 1971. He held postdoctoral and visiting scientist positions at several institutions between 1971 and 1981. He was an associate research fellow at the Institute of Botany, Academia Sinica in Taiwan from 1975-1977 and an adjunct associate professor at the National Taiwan University from 1976-1977.

Fu-Kuen Lin joined Amgen, a biotech company (now the world largest independent biotech company) in August 1981 as a research scientist and had been involved with Amgen's recombinant human erythropoietin project since his start at Amgen – erythropoietin, produced by the kidney, is the hormone regulating red blood cell production in our body. The recombinant human erythropoietin has been approved by FDA since June 1989 with the name Epoetin alfa and marketed under the names of Epogen and Procrit in US, marketed as Eprex in Europe. It is currently being used to treat anemia of chronic renal failure patients on kidney dialysis and non-dialysis and anemia of AIDS patients and of non-myeloid patients undergoing chemotherapy to replace blood transfusions. He was engaged in developing novel pharmaceuticals and studying molecular mechanisms of their actions. His primary research interests were in the fields of hematology, hypertension, immune regulation and fungi physiology. He retired from Amgen as Director of Department of Biomedical Sciences in 1998.

He is the inventor of the seven US patents covering “DNA Sequences Encoding Erythropoietin” and “Production of Erythropoietin”. Among other honors, he is a recipient of “1989 Technology Corridor 100” Award, 1990 “Quality of Life” Award and “1995 PhRMA Discoverers Award” (by Pharmaceutical Research and Manufacturers of America).

### **Awards and Honors Received:**

Committee of 100, Pioneer Recognition Award, May 2002

Nominee for “Medal of Excellence Award”, American Association of Kidney Patients, 1997.

“Appreciation Award”, North America Taiwanese Professors' Association, August, 1996.

"PhRMA's 1995 Drug Discoverers Award", Pharmaceutical Research and Manufacturers of America, October, 1995.

"Outstanding Science Award" 1993, Chinese-American Society of Nephrology, 1993.

"Achievement Award" Chinese-American Engineers and Scientists Association of Southern California (CESASC), 1992.

Nominee for the 1991 Lasker Award.

"Quality of Life" Award (co-recipient) - Nephrology News & Issues, North American 1990.

"1989 Technology Corridor 100" Award -- Technology Corridor Association, and Valley Industry and Commerce Association, California, 1989.

Honorable member of the Chinese-American Society of Nephrology since 1993.