

LUTZ BIRNBAUMER

Born: February 6, 1939 in Vienna, Austria
1948 - 1967: Lived in Argentina
1967: Migrated to USA
Citizenship: United States
Status: Married to Mariel Birnbaumer (néé Despuy), Ph.D.; no children

Education

Up to 1958: Primary and secondary education in Buenos Aires, Argentina
1958-1962: Study of Pharmacy, University of Buenos Aires. *Degree* - M. Sc. in Pharmacy.
1958-1964: Study of Biochemistry, University of Buenos Aires. *Degree* - M. Sc. in Biochemistry.
1964-1967: Predoctoral Fellow, Department of Biological Chemistry, Faculty of Sciences, University of Buenos Aires, Argentina. *Degree* - Ph.D. in Biochemistry: Regulation of Glycogen Biosynthesis. Thesis advisors: Dr. Luis F. Leloir and Héctor N. Torres.
1967-1971: Postdoctoral Fellow, Section on Endocrinology, National Institute of Arthritis and Metabolic Diseases, Bethesda, Maryland, USA. *Major* - Molecular Endocrinology: Regulation of Adenyl Cyclase by Hormones. Preceptor: Dr. Martin Rodbell.

Professional Experience

1960-1961: Teaching Assistant, Department of Inorganic and Analytical Chemistry
1962-1964: Teaching Assistant, Pharmacology, Faculty of Pharmacy and Biochemistry
1964-1966: Teaching Assistant, Department of Biological Chemistry, Faculty of Sciences

1971-1974: at Northwestern University

1971-1974 Associate Professor, Department of Physiology, Northwestern University Medical School.
1974-1975 Visiting Scientist, Department of Molecular Medicine, Mayo Clinic, Rochester, Minnesota,

1975-1994: at Baylor College of Medicine, Houston, Texas

1975-1994 Professor, Department of Cell Biology,
10/81-6/82 Visiting Scientist, Institute National de la Sante, Hopital Henri Mondor, Creteil, France (sabbatical leave).
1986-1994 Professor, Department of Physiology and Molecular Biophysics,
1990-1994 Professor, Division of Neurosciences
1992-1994 Director, Diabetes Research Center, Department of Medicine
1993-1994 Professor, Department of Medicine (Endocrinology)

1994-2001: at UCLA, Los Angeles, California

1994-2001 Professor, Department of Anesthesiology, School of Medicine
1994-2001 Professor, Department of Biological Chemistry, School of Medicine.
1994-2001 Full Member, Molecular Biology Institute
1995-2001 Member, Brain Research Institute
1996-2000 Director, Embryonic Stem Cell and Transgenic Mouse Facility, UCLA Jonsson Comprehensive Cancer Center.
1997-2001 Professor and Chair, Department of Molecular, Cell and Developmental Biology, College of Letters and Science, UCLA

2001-present: at NIEHS (NIH, DHHS), Research Triangle Park, North Carolina.

2001-2007 Sr. Investigator (Full Professor equivalent)
2001-2006 Scientific Director, Division of Intramural Research, National Institute of Environmental Health Sciences (NIEHS), National Institutes of Health (NIH), Department of Health and Human Services (DHHS)
2001-2007 Head, Transmembrane Signalling Group, Laboratory of Signal Transduction, DIR, NIEHS.
2007- Head, Transmembrane Signalling Group, Laboratory of Neurobiology, NIEHS

Languages

English, German and Spanish: fully. French: understanding and reading. Italian: reading only.

Scientific Standing

1982 -Ranked at position 542 among 1,000 most cited scientists during period of 1965-1978 (c.f. Current Contents, Oct., 1982).

2002 -Ranked among most cited authors by the ISI Web of Science. Total times cited from 1980 through 2002: 14,676 times.

2008 -Total times cited from 1966 through 2008: 31,378 (peer reviewed: 24,865; reviews/book chapters: 6,513). Average citations per peer reviewed publication: 89.0. Average citations per invited publication (notes, reviews, book chapters): 95.8 Number of peer reviewed articles quoted more than 100 times: 81. *h Factor*: 91 (91 papers quoted more than 91 times).

Honors and Awards

- 1962-1966: Predoctoral Fellowship, National Research Council, Argentina.
- 1967: Prize "Faculty of Pharmacy and Biochemistry" (1966 best thesis) University of Buenos Aires.
- 1967-1968: U. S. Public Health Service Visiting Fellowship.
- 1968-1969: National Institutes of Health Postdoctoral Fellowship.
- 1981-1982: Macy Foundation Faculty Scholar Award.
- 1985: Society for the Study of Reproduction Research Award.
- 1986-1994 C. C. Bell Research Professorship of Cell Biology, Baylor College of Medicine.
- 1986: MERIT Award, National Institute of Diabetes, Digestive and Kidney Diseases.
- 1989: Honorary Professor, Faculty of Sciences, University of Buenos Aires, Argentina.
- 1992: Wellcome Visiting Professor in the Basic Medical Sciences.
- 1995: Doctor *Honoris Causa* (Honorary Doctorate), School of Medicine, Universidad Complutense, Alacá de Henares/Madrid, Spain.
- 1995: Member, U.S. National Academy of Sciences.
- 1997: The 1997 "H.W. Magoun Lecture" UCLA Brain Research Institute.
- 2002: The "Mavis P. Kelsey Lecture" Texas A&M Inst. of Biosciences and Technology, Houston, TX
- 2003: 2003 Memorial Lecture "Conferencia Orias", Society of Biology of Córdoba, Argentina.
- 2004: Foreign Associate Member, Argentine National Academy of Sciences.
- 2006: Foreign Associate Member, National Academy of Medicine, Argentina.
- 2007: NIH Distinguished Investigator.