

CV (April 2017)

Alexandre Tiedtke Quintanilha

Born in 1945; completed high school in Lourenço Marques (Maputo) Mozambique. Studied physics/mathematics at Witwatersrand University in Johannesburg, completing his Ph.D. in Theoretical Physics in 1972. Spent the next two decades in California at U.C. Berkeley and the Lawrence Berkeley National Laboratory as professor of cell physiology and biophysics and director of a Center for Environmental Studies. Participated in the launch of the Advanced Light Source and the Human Genome Center at Berkeley. Moved to the University of Porto in the early 90's as professor of biophysics at the Biomedical Faculty (ICBAS). Was, until 2010, director of both the Institute of Molecular and Cell Biology (IBMC) and the Institute of Biomedical Engineering (INEB). He then chaired the committee responsible for implementing a newly formed consortium of the three major biomedical research institutions in Porto, the i3S (Institute for Research and Innovation in Health) bringing together, scientists, engineers and medical doctors. He is a member of several international Academies, and over the years has chaired various committees at the ESF, the EC (Chair of Advisory Committee for Marie Curie Actions, Chair of ELSA, member of EURAB and member of STAC), the OECD and other national and international research organizations. He currently chairs the Council of Associate Laboratories (CLA) of the Ministry of Science, is President of the Ethics Committee for Clinical Research (CEIC) and is President of the Parliamentary Commission on Education and Science. He has published well over one hundred and thirty peer-reviewed scientific articles and six books and has always been involved in science policy. His interests continue in the area of biological oxidative stress and have included, more recently, risk perception and public understanding of knowledge.