

Silvia Berlanga de Moraes Barros, MSc., PhD. International Resource Consultant



Dr. Barros is a toxicologist with over 30 years of experience in academia. She is an independent international resource consultant working with Spherix to provide strategic, scientific and regulatory guidance for clients in the area of risk assessment and ADME for the chemical and pesticide industry.

Dr. Barros was graduated from the School of Pharmaceutical Sciences of the University of São Paulo in 1972. She completed her MSc in Analytical Toxicology in 1976 and PhD in Toxicology in 1980 both at the University of São Paulo. She has served in several positions at the University of São Paulo including Head of the Department of Clinical Chemistry and Toxicology during 1996-2000, vice-Dean of the School of Pharmaceutical Sciences during 2000-2003 and as Associate Vice-Rector Undergraduate Studies from 1998 -2001. She is professor of General Pathology in the Department of Clinical Chemistry and Toxicology where she has taught General Pathology and Toxicology for graduate and undergraduate students since 1974. Dr. Barros was awarded the 2001 Sphere Award from the Dow Chemical Company.

Dr. Barros has written more than 60 peer reviewed publications. She has mentored 11 PhD students and 7 MSc students while serving numerous times as a PhD dissertation and MSC thesis examiner. Silvia Barros leads several nationally funded research projects with a focus on oxidative stress mediated hepatotoxicity and the toxicity and photoprotective activity of plant extracts. Dr. Barros is the editor of the Brazilian Journal of Toxicology.

Silvia Barros has been active in national and international scientific organizations. At the Brazilian Society of Toxicology she has served as Secretary-General (1990-1991 and 2003-2004) and as President (1992-1993). She also served as a councilor for the International Society for the Study of Xenobiotics (1993-1995). She has been a member of ILSI-Brazil Scientific and Administrative Council since 2004. She is currently a member of the Executive Committee of the International Union of Toxicology and serves as a Director and Chair of the Developing Countries Committee. In 2008, Dr. Barros directed a successful Workshop to train governmental and industrial scientists in Latin America in the process of chemical risk assessment.

Expertise

Toxicology

Chemistry

Pesticides

Credentials

Ph.D., University of São Paulo

MSc, University of São Paulo

School of Pharmaceutical Sciences, University of São Paulo

Member, Executive Committee of the International Union of Toxicology

Director and Chair, Developing Countries Committee, Executive Committee of the International Union of Toxicology

Editor, Brazilian Journal of Toxicology