

International Union of Toxicology

**PROPOSAL TO THE NOMINATING COMMITTEE:
MEMBERS SUITABLE FOR NOMINATION TO THE IUTOX EXECUTIVE COMMITTEE
FOR THE PERIOD 2019-2022**

Proposal due to Barbara Hales at the [IUTOX Secretariat](#) by: **November 19, 2018**
Please include a short CV for the nominee

PROPOSAL SUBMITTED BY

Member Society: Sociedade Brasileira de Toxicologia (Brazilian Society of Toxicology)

Name and signature of IUTOX Member Society representative submitting nomination: Prof. Tania Marcourakis

Position: President

Signature: 

Date: October, 15th, 2018

BIOGRAPHICAL DETAILS OF PROPOSED CANDIDATE

Name and signature of proposed candidate: Silvia Berlanga de Moraes Barros 

Nomination for officer or director may be indicated: vice-president or director

Date of Birth: May, 28th, 1950

Current Position: Senior Professor University of São Paulo, IUTOX Director

Address: Avenida Prof. Lineu Prestes, 580 – São Paulo – SP – Brasil – 05508-000

Nationality: Brazilian

Scientific Field: Risk Assessment, Liver toxicity. 3D skin models

Education:

University of São Paulo, 1972, PharmD
University of São Paulo, 1976, MSc Analytical Toxicology
University of São Paulo, 1980, PhD in Toxicology
Universita di Siena, 1990, Pos- doc training on Free radical research

Professional positions held (with dates):

1974-1986 – Assistant Professor, Department of Clinical Chemistry and Toxicology, University of São Paulo, SP
1986-1993 – Associate Professor, Department of Clinical Chemistry and Toxicology, University of São Paulo, SP
1993-2003 – Professor, Department of Clinical Chemistry and Toxicology, University of São Paulo, SP
1993-1996 - Vice-Dean, Department of Clinical Chemistry and Toxicology, School of Pharmaceutical Sciences University of São Paulo, 1993-1996
1996-2000 - Dean, Department of Clinical Chemistry and Toxicology, School of Pharmaceutical Sciences University of São Paulo
2000-2003 - Vice-Dean, School of Pharmaceutical Sciences University of São Paulo
1998 -2001 - Associate Vice-Rector Undergraduate Studies, University of São Paulo, 1998 - 2001
2003 - Senior Professor, School of Pharmaceutical Sciences, University of São Paulo, SP
2004 – Consulting, Spherix Consulting, MD
2008-2014 – Organizer and faculty member of the Latin America Risk Assessment Workshop SBTOX/IUTOX (I,II,III,IV,V,VI)

IUTOX positions held (with dates):

Director, 2004-2011, 2016-2019
IUTOX Liaison at the Scientific Liaison Coalition since October 2018

Member Society positions held (with dates):

1989-1990 - Secretary-General of the Brazilian Society of Toxicology
1991-1992 - President of the Brazilian Society of Toxicology

Professional memberships and/or awards

Pharmaceutical Excellence, Conselho Regional do Estado de São Paulo, 200
Sphere Award, Dow Chemical USA, 2001
Medal Profa Ester de Camargo Fonseca Moraes – Brazilian Society of Toxicology, 2013

See attached biosketch for more information



São Paulo, October 15th, 2018

To
Professor Herman Autrup
Chair of the Nominating Committee
IUTOX

On behalf of the Brazilian Society of Toxicology, it is with great honor that I submit the name of **Professor Silvia Berlanga de Moraes Barros** to be considered for the Executive Committee for the 2019–2022.

Prof. Silvia Barros is at present Senior Professor of the Department of Clinical and Toxicological Analysis of the School of Pharmaceutical Sciences, University of São Paulo and since 1976 has been involved in the Toxicology field. She published 99 peer reviewed articles (h index of 23), received several nationally funded research projects and have mentored many graduate students.

Prof. Silvia Barros is Associate Editor of the Brazilian Journal of Pharmaceutical Sciences and of Food and Chemical Toxicology and member of the editorial board of Current Opinion in Toxicology. She has been always been involved on Toxicology societies, such as, member of the board of trustees of the Toxicology Education Foundation, and Director at IUTOX Executive Committee (2004-2010 and 2016-2019), Councilor of the International Society for the Study of Xenobiotics (1993-1995), member of the ILSI-Brazil Scientific and Administrative Council (2004-2007) and Secretary-General (1990-1991 and 2004-2005) and President (1992-1993) of the Brazilian Society of Toxicology (BSTox). Elected as councilor of the Hispanic Organization of Toxicology for the biennial 2014-2015, vice-president elected for 2016-2017 and at present she holds the Presidency of HOT since May 2018. She is a member of the WHO Expert Advisory Panel on Food Safety since 2016.

For these reasons, I endorse **Professor Silvia Berlanga de Moraes Barros** to be considered for the Executive Committee for the 2019–2022.

Yours Sincerely,

Tania Marcourakis
President of SBTox

SILVIA BERLANGA DE MORAES BARROS, PhD
Senior Professor, Department of Clinical and Toxicological Analysis, Faculty of Pharmaceutical Sciences, University of São Paulo

Contact information

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Links

National Research Council Brazil Lattes site

<http://buscatextual.cnpq.br/buscatextual/visualizacv.do?id=K4783044Z2>

Biosketch

Prof. Barros is at present Senior Professor of the School of Pharmaceutical Sciences, University of São Paulo where she was a professor of General Pathology for undergraduate since 1974 and of Toxicology for graduate Students since 1981. She was a fellow of the National Research Council Brazil (2004-2017). She received her Master in Analytical Toxicology in 1976 from the School of Pharmaceutical Sciences, University of São Paulo and doctorate in Toxicology in 1980 at the same University. Prof. Barros authored and co-authored 99 peer reviewed publications and have at present h index of 23. She mentored 18 PhDs, 8 MSc students and 5 Pos Docs. Silvia Barros leads several nationally funded research projects with a focus on oxidative stress mediated hepatotoxicity and on the photoprotective and anticarcinogenic activity of natural products. At present she develops a project to study the participation of air pollution in the pathogenesis of atopic dermatitis using a 3D epidermis model. She is also involved in the development of alternative methods to animal experimentation for drugs and cosmetics safety evaluation and risk assessment. Dr. Barros is Associate Editor of the Brazilian Journal of Pharmaceutical Sciences and of Food and Chemical Toxicology and member of the editorial board of Current Opinion in Toxicology. She represented the University of São Paulo at the GPEN (Globalization of Pharmaceutical Education Network), is a member of the board of trustees of the Toxicology Education Foundation, and served as Director at IUTOX Executive Committee (2004-2010 and 2016-2019), Councilor of the International Society for the Study of Xenobiotics (1993-1995), member of the ILSI-Brazil Scientific and Administrative Council (2004-2007) and Secretary-General (1990-1991 and 2004-2005) and President (1992-1993) of the Brazilian Society of Toxicology(BSTox). Elected as councilor of the Hispanic Organization of

Toxicology for the biennial 2014-2015, vice-president elected for 2016-2017 and at present she holds the Presidency of HOT since May 2018. She is a member of the WHO Expert Advisory Panel on Food Safety since 2016.

Dr. Barros directed a successful Workshop to train governmental, industrial and academic scientist in Latin America in the process of chemical risk assessment from 2008 to 2014. She also organized many national and international toxicology meetings in Brazil, more recently the Congress of Toxicology in Developing Countries sponsored by IUTOX and BSTox.

Research Interests

- Oxidative stress mediated mechanism of hepatotoxicity, photoprotective and anticarcinogenic activity of natural products, UV radiation/pesticides interactions and air pollution in skin lesions development, alternative methods to animal experimentation for drugs and cosmetics safety evaluation and risk assessment.
- KEYWORDS: UV radiation; pesticides; natural products; skin; alternative methods to animal experimentation; cutaneous melanoma; oxidative stress; photoquimioprevention; air pollution.

Education

University of São Paulo, 1972, PharmD

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University of São Paulo, 1980, PhD in Toxicology

Universita di Siena, 1990, Pos doc training on Free radical research

Professional Experience

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1993-2003 – Professor, Department of Clinical Chemistry and Toxicology, University of São Paulo, SP

2003- Senior Professor, School of Pharmaceutical Sciences, University of São Paulo, SP

2004- Consulting Spherix Consulting, MD

2008-2014 – Organizer and faculty member of the Latin America Risk Assessment Workshop (I,II,III,IV,V,VI).

Honors

- Secretary-General of the Brazilian Society of Toxicology, 1989-1990/
- President of the Brazilian Society of Toxicology, 1991-1992
- Vice-Dean, Department of Clinical Chemistry and Toxicology, School of Pharmaceutical Sciences University of São Paulo, 1993-1996
- Councilor of the International Society for the Study of Xenobiotics (1993-1995)
- Dean, Department of Clinical Chemistry and Toxicology, School of Pharmaceutical Sciences University of São Paulo, 1996-2000
- Vice-Dean, School of Pharmaceutical Sciences University of São Paulo, 2000-2003
- Associate Vice-Rector Undergraduate Studies, University of São Paulo, 1998 -2001
- Director International Union of Toxicology, 2004-2011, 2016-2019
- Member of the Scientific council of ILSI Brasil, 2004-2009

- Member of the Strategic Task Force of SOT, 2009-2011
- Member of the board of the Hispanic Organization of Toxicology 2014-2016
- Vice-president elected Hispanic Organization of Toxicology 2016-2017
- Vice-President Hispanic Organization of Toxicology 2017-2018
- President Hispanic Organization of Toxicology 2018-2019
- Member of the board of the Toxicology Education Foundation, since 2012
- Member of the board of the ITEHPEC (Institute of Technology and Studies on Personal Care, Hygiene, Perfumery and Cosmetics Products) until June 2018.
- Member of the Membership Committee SOT 2015-2018
- Pharmaceutical Excellence, Conselho Regional do Estado de São Paulo, 2005
- Sphere Award, Dow Chemical USA, 2001
- Medal Profa Ester de Camargo Fonseca Moraes – Brazilian Society of Toxicology, 2013
- IUTOX Liaison at the Scientific Liaison Coalition since October 2018

Professional Society Membership

Brazilian Society of Toxicology

Society of Toxicology USA

Hispanic Organization of Toxicologists

Associação Brasileira de Ciências Farmacêuticas