

## Nelida Lucia del Mastro

Av. Prof. Alfonso Bovero 952/82, Sao Paulo, 05019-010 Brazil, +5511 3873 0403, [nelida@usp.br](mailto:nelida@usp.br)  
<http://lattes.cnpq.br/8541245790089233>

### EDUCATION

---

<b>UNIVERSITY OF SAO PAULO</b> , Sao Paulo, Brazil <b>PhD</b> Biochemistry Specializing in Radiation Biology	10/83
<b>UNIVERSITY OF SAO PAULO</b> , Sao Paulo, Brazil <b>MSc</b> Biochemistry Specializing in Radiation Applications	04/77
<b>UNIVERSITY OF BUENOS AIRES</b> , Buenos Aires, Argentina <b>B.S.</b> Chemistry Emphasis in Biological Chemistry	06/67

### WORK EXPERIENCE

- 
- At present consultant and professor in the area of nuclear energy applications in the health and agro-industry at Institute of Nuclear and Energy Research/University of Sao Paulo.
  - At present Brazilian National Research Council (CNPq) Fellow recipient of a research productivity fellowship.
  - Former researcher on Radiobiology and nuclear energy applications in health related and agroindustry.
  - Former coordinator of national and international R & D projects on the use of nuclear and isotopic techniques in biological systems; foods, the environment; irradiation against food-borne diseases and applications in agro-industry sponsored by Brazilian and international organization such as Brazilian Research Council (CNPq), FAPESP, FINEP/RECOPE/BID and IAEA.
  - 1985-at present. Thesis Supervisor on Nuclear Technology, IPEN-USP, SP and Institute of Military Engineering (IME), RJ (10 theses & 19 MSc concluded and 4 in progress).
  - October 1997. Participant of the 1<sup>st</sup> Group Meeting of Experts to Evaluate Project Proposals on Food and Agriculture for the ARCAL-IAEA Program,

Biennium 1999-2000.

- Professor in charge of the following graduate disciplines in IPEN-University of São Paulo:

2014. TNA5804 “Applications of Radiation Chemistry on Polymers

1997 and 1998: CTN 758 “Trends on Food Irradiation” e CTN-763 “Nuclear and other modern techniques applied to foodstuffs”.

- 1996-1998. Coordinator of the Research Contract: “Evaluation of a Label dosimeter to be used for Brazilian Irradiated Fruits” of the Coordinated Research Program on Standardized Methods to Verify Absorbed Dose in Fresh and Dried Fruits, Tree Nuts in Trade.
- 1995. Professor in the IAEA Regional Seminar “New Trends in Biomedical Applications of Radiation Technology”, Caracas, Venezuela.
- 1993. Coordinator of the Regional Training Course on “Industrial Sterilization of Health care products” sponsored by the IAEA. São Paulo, Brazil.
- 1993-2000. Brazilian Representative in the International Consulting Group on Food Irradiation (ICGFI) sponsored by WHO, FAO and IAEA.
- 1998-1990. Head of Radiobiology Division of IPEN.
- Presently ad hoc reviewer of Brazilian Research Council (CNPq), Brazilian Enterprise for Agriculture and Cattle Breeding Research (EMBRAPA), Small Business Innovation Research program for the USDA (EUA) and International scientific journals.

## PROFFESIONAL AFFILIATIONS

---

– Latin American Section/American Nuclear Society - LAS/ANS

American Chemical Society - ACS

Global Women in Nuclear - WiN

Institute of Food Technologists – IFT

Asociación Latinoamericana de Tecnología de la Irradiación - ALATI (*Latin American Association of irradiation Technology*)

## PUBLICATIONS

---

- Author of over 200 publications on biochemistry, biophysics, radiation chemistry, nuclear energy, food science and technology, radiation environmental and industrial applications such as scientific reports, book chapters, participation in annals of national and international conferences and original articles in scientific journals such as: *Physica Scripta*, *Colloids and Surfaces A. Physicochemical and Engineering Aspects*,

*Research and Development Brazilian Journal, Nukleonika, Progress in Nuclear Energy, Radiation Physics and Chemistry, among others.*

- **LANGUAGES:** Spanish, Portuguese and English; notions of French.