

Luiz Bertelli earned his BSc degree in physics in 1977 from the University of São Paulo, Brazil, his MSc degree in nuclear engineering in 1980 from the Military Institute of Engineering, Rio de Janeiro, Brazil and PhD degree in biophysics in 1990 from the Federal University of Rio de Janeiro, Brazil. He worked as a postdoctoral fellow at the University of Utah, Environmental Radiation Toxicology Laboratory from 1991 to 1995. He has worked for more than thirty years in (1) mathematical modeling of human metabolism regarding intake, distribution, retention and excretion of radionuclides for several age groups for internal dosimetry applications, (2) in scientific software design and development including software quality assurance procedures and (3) in interpretation of monitoring data of radiation workers. He is currently an Internal Dosimetrist at Los Alamos National Laboratory (LANL) since 2003. He was responsible for calculating all internal doses and evaluating the efficacy of Prussian Blue for all age groups due to the Goiania radioactive accident in 1987. He has been serving the International Commission on Radiological Protection (ICRP) as a member of the Task Group on Dose Calculations since 1995 and as a member of the Committee 2 from 2013 to 2017. He has published several peer-reviewed journal articles