

## **Patricia Cuervo**

Patricia Cuervo was graduated in Colombia, but received her Master degree (2002) and Ph.D. degree (2007) in Biochemistry and Molecular Biology from FIOCRUZ in Brazil. Throughout her time in the Oswaldo Cruz Institute she gained experience on application of two-dimensional gel electrophoresis and mass spectrometry for studying human protozoan parasites (such as *Leishmania braziliensis*, *Trypanosoma cruzi*, *Trichomonas vaginalis*). This research has included collaborative research in Brazil and other Latin America countries. Now she has 18 peer-reviewed scientific publications. Her work has been funded by competitive grants from Brazilian organizations (CNPq, FAPERJ). She is an Ad Hoc consultant for National and International Journals (including J. Proteome Research, Comparative Biochemistry and Physiology. Part D, Genomics and Proteomics, Memorias Instituto Oswaldo Cruz) and funding agencies. In addition, she participates on science education and have mentored the work of five undergraduate students and three graduate students (M.Sc). Since 2004, she focused on the proteomic analysis of cutaneous and mucosal strains isolated from human infections with *Leishmania braziliensis*. Her main goal is to characterize the molecular basis of mucocutaneous leishmaniasis, as it has been suggested that the disease phenotype may also be related to differential parasite protein expression.