

SHORT RESUME

Eva Burger

ACADEMIC BACKGROUND:

Dr. Burger graduated as a Pharmacist-Biochemist at Sao Paulo University, in Sao Paulo, Brazil (1972). She received her Ph.D. degree in 1979 and her “Livro-Docente” (Associate Professor) degree in 1995, from that University.

PROFESSIONAL EXPERIENCE:

Dr. Burger progressed from Lecturer to Associate Professor at the Department of Microbiology and Immunology, later Department of Immunology at the Biomedical Science Institute at Sao Paulo University (1975-2003). At Sao Paulo University she was a Teaching Assistant since 1975, Professor since 1979, Associate Professor since 1995 and Retired Associate Professor, since 2003. She was Adjunct Professor at the Federal University of Espirito Santo (2009-2010). She is Adjunct Professor at Federal University of Alfenas (2011-). She was Head of the “Immunopathology of Mycoses” Laboratory at Sao Paulo University (1998-2011). She is Head of the “Experimental Models in Mycosis” Laboratory at Federal University of Alfenas (2011-).

COURSES TAUGHT:

Dr. Burger has always been deeply involved in teaching. She developed an intense activity in undergraduate and graduate teaching, being in charge and giving lectures and practices. She is or was responsible for numerous undergraduate (Immunology) and graduate (Paracoccidioidomycosis, Immunity to Fungal Diseases) courses for alumni with many backgrounds (mycologists, immunologists, pathologists, etc). She is/was Coordinator of undergraduate, graduate and extension courses at Sao Paulo University.

ACADEMIC ADVISING, COUNSELING AND OTHER STUDENT SERVICES:

Dr. Burger was/ is undergraduate and graduate student advisor, responsible for undergraduate Immunology Programs. She is or was an accredited advisor for Masters and Doctoral programs in various Graduate Courses at different Universities: Immunology, Microbiology, Tropical Diseases and Infectious Diseases. She has always developed an intense advising activity and research orientation and coordinated several projects. She has advised and completed the supervision of numerous trainees, monitors, technicians, undergraduate and graduate students, as well as Masters in Science, Doctors and Post-Doctors from many Federal and State Universities, resulting in the completion of numerous final undergraduate works, dissertations and masters and doctorate theses. She was a member of more than 90 examining committees of Masters and Doctoral theses, selection for admission at State and Federal Universities, as well as for Research Institutes.

AREAS OF INTEREST IN RESEARCH:

Her area of scientific interest is protective immunity against mycotic infections. Her major research interest relates to pathogenic fungi, particularly *P. brasiliensis*, the causative agent of paracoccidioidomycosis, the main systemic mycosis in Latin America. She and collaborators have described an isogenic murine model that has been extensively employed in most animal studies with this fungus ever since its establishment in 1985 because it mimics both the benign and the severe chronic clinical manifestations of paracoccidioidomycosis. The work of this group has provided information on the influence of host and fungal factors to the pathogenesis of paracoccidioidomycosis, indicating that both, the genetic background of the host and the characteristics of the infecting fungal agent are determinant in the outcome of the infection. Presently, Dr. Burger’s group studies mainly paracoccidioidal granulomas, cytokine responses and the effect of drugs on *P. brasiliensis*. Her projects have been supported financially since 1980 by various agencies.

PUBLICATIONS:

Articles: Dr. Burger is the author of over 88 peer-refereed indexed journals (62 full papers and 26 extended abstracts) published in such journals as: Acta Tropica, British Journal of Experimental Pathology, The

Journal of Infectious Diseases, Infection and Immunity, Journal of Medical and Veterinary Mycology/Medical Mycology, American Journal of Tropical Medicine and Hygiene, Journal of Leukocyte Biology, Research in Immunology, Medical Microbiology & Immunology; Journal of Interferon and Cytokine Research, Mycopathologia, Clinical and Experimental Immunology, FEMS Immunology and Medical Microbiology; Journal of Clinical Microbiology, Brazilian Journal of Medical and Biological Research, International Journal of Experimental Pathology.

Books: She has published 7 book chapters.

Abstracts of Papers presented at National and International Scientific Meetings:

Dr. Burger presented over 84 communications in Brazilian and 107 communications in International Congresses in particular those of ISHAM, IUIS, IUMS, and ECMM. She has participated as invited guest, panelist or round-table coordinator and given lectures in international conferences on subjects relating to the immune response to infections.

UNIVERSITY/GOVERNMENT COMMITTEES

Dr. Burger is a Scientific Consultant serves as a Referee/Reviewer of various Research Financing Agencies [National Scientific Research Council -CNPq (1983-); FINEP (1987-); FAPESP (1989-) and CAPES (1994-) in Brazil and COLCIENCIAS (2002-) in Colombia]; Scientific Journals [Brazilian Journal of Microbiology (1990-); Brazilian Journal of Medical and Biological Research (1992-); Infection & Immunity (2002-); Sao Paulo Tropical Medicine Journal (2002-); Medical Mycology (2003-), Cytokine (2009-), Cellular Immunology (2010)] and in various Universities and Research Institutes.

PROFESSIONAL SERVICES

Scientific Societies:

Dr. Burger was one of the Vice- Presidents of the International Society for Human and Animal Mycology (ISHAM), serving from 2003-2009.

Congress Organizing Committees:

She was a member of the IX International Meeting on Paracoccidioidomycosis organizing Committee (2005), a member of the Executive Committee of the 13th International Congress of Immunology (2004-2007), 15 Workshop of Immunogenetics (2007-2008) and was one of the Secretaries of the XI International Meeting on Paracoccidioidomycosis organizing Committee (2011). She was a member of the International Scientific Committees of the “IV Congresso Virtual de Micologia”, organized by the Associação Venezuelana de Micologia (2003), IX International Meeting on Paracoccidioidomycosis (2005), X International Congress on Paracoccidioidomycosis – A centennial celebration, (2008), XI International Congress on Paracoccidioidomycosis (2011).