

I. Award winner's brief biodata

GENERAL INFORMATION:

Name: Esteban Chaves Olarte
Place of birth: San José, Costa Rica
Date of birth: June 30, 1969
Nationality: Costa Rican

II. EDUCATION

Ph.D. in Sciences, Karolinska Institute, Sweden, 2000
Master in Medical Sciences in Microbiology, Karolinska Institute, Sweden 1996
Licenciate in Microbiology and Clinical Chemistry, University of Costa Rica, 1992

III. PROFESSIONAL EXPERIENCE:

1989
Research assistant, Centro de Biología Celular y Molecular, University of Costa Rica
1990-1992
Research assistant, Bacteriology Department, Faculty of Microbiology, University of Costa Rica.
1992-1993
Clinical microbiologist, Clinical Laboratory, Hospital of Pavas, San José, Costa Rica
1998 to present
Docent, Faculty of Microbiology, University of Costa Rica

IV. PUBLICATIONS:

Attached references.

V. HONORS AND SCHOLARSHIPS:

1996 and 2000 Scholarship of the Karolinska Institute during studies of MSc. and Ph.D.

VII. RECENT RESEARCH AND ACADEMIC LABOR:

During 2001 Dr. Chaves has dedicated to teach and research at the University of Costa Rica. He imparts theoretical courses based on Biology Approach to Microbial Pathogenesis. His research is centered on Characterization of the intracellular antigenic repertoire produced by *Brucella abortus*.

His recent publications are:

Saravia, P., E. Rojas, E., Escalante, T., Arce, V., Chaves, E., Velasquez, R., Lomonte, B., Rojas, G., and Gutierrez, JM., 2001. The venom of *Bothrops asper* from Guatemala: toxic activities and neutralization by antivenoms. *Toxicon*. 39(2-3):401-405, February-March.

Guzman-Verri, C., Chaves-Olarte, E., Garcia, F., Arvidson, S. And Moreno, E. 2001. *In vivo* Proteolytic Degradation of the *Escherichia coli* Acyltransferase HlyC. *Journal of Biological Chemistry*. 276:16660-16666.

Guzman-Verri, C. Chaves-Olarte, E., Eichel-Streiber, Cv., Lopez-Goñi, Thelestam, M., Arvidson, S., Gorvel, JP. And Moreno, E. (2001). GT Pases of the Rho subfamily are required for *Brucella abortus* internalization in non-professional phagocytes: direct activation of Cdc42. *Journal of Biological Chemistry*. 276: 44435-44443.

Li, L., Shapiro, A., Chaves-Olarte, E., Masucci, M.G., Levitsky, V., Thelestam, M. and Frisan, T. (2002). The *Haemophilus ducreyi* cytolethal distending toxin activates sensors of DNA damage and repair complexes in proliferating and non-proliferating cells. *Cellular Microbiology* (in press).