



Simposio Internacional: Las enfermedades parasitarias en la era post genoma
International Symposium: The parasitic diseases at the post genome era

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lis PhD in Biology specialized in Biotechnology (Complutense University of Madrid). He got an I3P fellowship of the Spanish Research Council (CSIC) for his doctorate. His doctoral thesis entitled "Analysis of the gene expression profiles in the differentiation processes of *Leishmania infantum* by DNA microarrays" was conducted under the direction of Prof. Vicente Larraga in the Molecular Parasitology laboratory of the Biological Research Center (CIB) of the CSIC. This work led to the establishment of a new research line in the laboratory in the field of Genomics and Proteomics. During the development of his doctorate, he stayed in the Molecular Ecology laboratory of the Astrobiology Center (National Institute of Aerospace Technique-CSIC) and in the Service of Immunology of the National Center of Microbiology of the Institute of Health Carlos III. In the last few years, he has contributed to the development of a recombinant vaccine against canine leishmaniasis, the main research line of the laboratory in which he is working full-time at present by integrating the information provided by the previous research line with the aim of improving the efficacy of the vaccine. His work is reflected in several publications in journals as Genomics, BMC Genomics, International Journal for Parasitology, Journal of Eukaryotic Microbiology, International Microbiology and Vaccine. He has made over thirty contributions to national and international congresses highlighting the 4th World Congress on Leishmaniasis (Lucknow, India, 2008), the XII International Congress of Parasitology (Melbourne, Australia, 2010) and the 5th Vaccine and ISV Annual Congress (Seattle, USA, 2011). He has stayed in the laboratory of Prof. Peter J. Myler (Seattle Biomedical Research Institute and University of Washington) during the summer of 2012 as part of the collaboration begun with the CIB Molecular Parasitology laboratory in the fields of application of new techniques of Genomics and Proteomics (RNAseq and iTRAQ) and Structural Genomics.