



JOSÉ MANUEL BAUTISTA

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Professor of the Department of Biochemistry and Molecular Biology IV at the Universidad Complutense de Madrid.

He was the Director of the Department during 8 years (2008-2016).

Actually he's the coordinator of "Translational Research in Malaria" at the Research Institute Hospital 12 de Octubre in the University Hospital 12 de Octubre in Madrid.

After receiving his Ph.D. in Biochemistry in 1987, he was a Postdoctoral Fellow at the Royal Postgraduate Medical School in London (1988-1991) where specialized in the haematology of the red cell, and joined the Faculty at UCM in 1991.

Dr. Bautista has worked in human G6PD deficiency and in malaria, including research sites in Mauritius, Ghana and Democratic Republic of Congo. In addition to teaching at UCM, he has been visiting scientist at Imperial College of Medicine in London (1995-96: 1 year), CNR-Naples (2000: 3 months), University of Developmental Studies-Ghana (2005: 1 month) and Université Cheikh Anta Diop in Senegal (2012-1 month).

Bautista's group has expertise in proteomics, immunomics and preclinical animal models of malaria. Major breakthrough in malaria research was been provided in 2009 by the group's seminal paper on in vitro synchronous culture of Plasmodium falciparum at high densities. At present, efforts are devoted in his lab to the discovery on new antimalarials that improves immunological response and the discovery of new immunodominant epitopes of malaria and co-endemic diseases for diagnosis and immunomodulation.

The quantitative summary of the CV from Dr. Bautista includes a total of 32 competitive research projects as Principal Investigator. Among them, 5 from the European Commission [in 2 of them acting as coordinator] 1 from UNESCO and 13 from the Spanish National Research Scheme (Plan Nacional, CICYT, FIS & Concerted Actions).

From the published 120 research articles indexed in the SCI, more than 100 are located in the first quartile of the corresponding ISI-JCR and in 85% of them Dr. Bautista is either the first or the corresponding author with H index of 39 and more than 5,000 citations (Google Scholar).

Dr. Bautista has registered 3 patents, supervised 16 PhD theses and coordinated 3 Cooperation and Development projects in Ghana (West Africa) for a diagnostic laboratory in a rural dispensary. Research at his lab has received 2 National Prizes from the Royal National Academy of Pharmacy (Spain) for hereditary PK deficiency and for the refinement of a mouse model of cerebral malaria.