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**Siguiendo el camino de Alberto Sols: homenaje en el centenario de su nacimiento**

*In the footsteps of Alberto Sols: a homage on the centennial of his birth*

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CV

## LISARDO BOSCA

L. Bosca (Valencia, 1957) is Senior Research Professor at the Spanish Research Council (CSIC) and has been director of the Institute of Biochemistry (1999-2005; co-shared by CSIC and UCM) and of the Institute of Biomedical Research Alberto Sols, (2008-12; co-shared by CSIC and UAM). He has acted as NCP for the FP6, FP7 and CYTED, and responsible of the National Research Program in Biomedicine (2008-12) and of the Financing agency of the Instituto de Salud Carlos III (Spain; 2013-14). He is author of more than 200 original articles of research published in international journals in the field of biochemistry, molecular biology and immunology (J. Exp. Med; Nature Cell Biology, FASEB Journal, Gastroenterology, Blood, J. Clin. Invest., Proc. Natl. Acad. Sci. USA; J. Immunol; J. Biol. Chem; Hepatology, Biochem. J, Nature Medicine). He began his studies under the direction of Professor Alberto Sols investigating the effect of protein interactions in the regulation of carbohydrate metabolism. Later he continued his post-doctoral training at Oxford University, Louvain Medical School, Cancer UK (London) and Ottawa studying the role of protein kinase C on energy metabolism in tumor cells. The current interest of the laboratory focuses on the study of the physiopathology of inflammatory processes investigating the contribution of inflammation to the onset of pathologies as diverse as myocarditis, septic shock, and to the liver regeneration processes. In this context, he studied the role of reactive oxygen and nitrogen species, in particular nitric oxide, on the regulation of liver regeneration after partial hepatectomy as well as in macrophage activation and in the heart after sepsis or myocardial ischemia/reperfusion, demonstrating its role in processes of remodeling of the extracellular matrix. He is a member of the National Royal Academy of Pharmacy and of several international scientific societies.