

general information

NAME: Julià Blanco
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education

2008 Doctoral degree (Ph.D.) in Biochemistry
University of Barcelona, Spain

present Position

- Senior Researcher at the AIDS Research Institute-IrsiCaixa and the Institute of Health Sciences Germans Trias I Pujol. Hospital Germans Trias I Pujol, 08916, Badalona, Barcelona, Spain

scientific and societal impact

- >100 full papers (H-index 37)
- Citation metrics (**RESEARCHID: A-5347-2008**)
- Member of the Spanish AIDS Research Network
- CSO of Albajuna Therapeutics, S.L.
- PhD supervision: 6 finished, 4 ongoing
- Frequently asked invited speaker at international conferences (HIV infection, inflammation, immune recovery, Immunological aspects of CFS)

BIOSKETCH

Julià Blanco (PhD in Biochemistry, University of Barcelona, 1994) is the leader of the Cellular Virology and Immunology Group at the AIDS Research Institute IrsiCaixa (Badalona, Barcelona, Spain).

Dr. Blanco has extensively studied the role of HIV envelope glycoprotein (Env) in virus-cell or cell-to-cell interactions and HIV cytopathicity in a translational environment. The knowledge generated on the HIV envelope glycoprotein function has been useful to analyze the mechanisms of action of anti Env drugs and Anti Env antibodies, contributing to a better understanding of antibody protection from HIV acquisition and spread. In parallel, his team has developed experimental models for the analysis of cell-to-cell HIV transmission and Env induced cell death. Dr Blanco has also explored the mechanisms involved in CD4 T cell depletion in HIV infected individuals by analyzing the contribution of virological and immunological factors (immunosenescence, inflammation) that modulate both, the immunological damage induced by HIV and the immunological recovery after successful antiretroviral therapy. Since 2010, Dr Blanco has explored immunological alterations in individuals suffering from CFS/ME.