

Dr Adriana Flores-Langarica PhD

Postdoctoral fellow

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About

Adriana Flores-Langarica is a post doctoral research fellow working in Professor Adam Cunningham's group in the School of Immunity and Infection.

Her main research interest is the induction of the immune response in vivo. She is currently investigating the importance of different dendritic cell subsets and their impact to the T and B cell responses during Salmonella infection.

Qualifications

- PhD in Immunology. National School of Biological Sciences. Mexico. 2005.
- MSc in Experimental Pathology. Centre for Advanced Research, CINVESTAV-IPN, Mexico. 2003
- BSc Biology. National University of Mexico UNAM. 2001

Biography

Dr. Flores received her PhD. in Immunology by the The National School of Biological Sciences in Mexico in 2005 from where she moved to The Rockefeller University to work in antigen targeting to dendritic cells and adjuvant strategies. She carried on working in DCs biology at the University of Oxford for two years. And in 2008 she incorporated to the University of Birmingham to work at Dr. Cunningham Lab studying immune responses in vivo infection models.

Publications

Marshall JL, **Flores-Langarica A**, Kingsley RA, Hitchcock JR, Ross EA, López-Macías C, Lakey J, Martin LB, Toellner KM, MacLennan CA, MacLennan IC, Henderson IR, Dougan G, Cunningham AF. (2012) The capsular polysaccharide Vi from Salmonella typhi is a B1b antigen. **J Immunol.** 15;189(12):5527-32.

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Ross EA, Coughlan RE, **Flores-Langarica A**, Bobat S, Marshall JL, Hussain K, Charlesworth J, Abhyankar N, Hitchcock J, Gil C, López-Macías C, Henderson IR, Khan M, Watson SP, MacLennan IC, Buckley CD, Cunningham AF. (2011) CD31 is required on CD4⁺ T cells to promote T cell survival during Salmonella infection. **J Immunol.** 15;187(4):1553-65.

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