

Two Postdoctoral positions are offered at the laboratory of autoimmunity led by Dr. Pere Santamaría at IDIBAPS.

The Institut d'Investigacions Biomèdiques August Pi I Sunyer (IDIBAPS) is a biomedical research consortium that aims to integrate state-of-the-art basic research and quality clinical research in order to acquire and transfer knowledge concerning the main health problems present in our society, with the final purpose of improving their prevention and treatment.

Two postdoctoral positions are available at Dr. Pere Santamaría's lab for a project focusing on the preclinical development of a new therapeutic platform for the treatment of type 1 diabetes. The project will involve the generation human hematopoietic chimeras in NSG mice and the use of immunological techniques to determine the therapeutic potential in type 1 diabetes of a recently described nanomedicine.

Reference.

Clemente-Casares, X., J. Blanco, P. Ambalavanan, J. Yamanouchi, S. Singha, C. Fandos, S. Tsai, J. Wang, N. Garabatos, C. Izquierdo, S. Agrawal, M.B. Keough, V.W. Yong, E. James, A. Moore, Y. Yang, T. Stratmann, P. Serra, and P. Santamaria. 2016. Expanding antigen-specific regulatory networks to treat autoimmunity. *Nature* 530:434-440.

REQUIREMENTS.

- The candidate must hold a PhD in biomedicine, chemistry, biology or related fields.
- Experience in immunology and autoimmunity.
- Experience in murine models of autoimmunity.
- Experience, not required but desirable, in generating of hematopoietic chimeras to study the immune system, with special emphasis on autoimmunity.
- Potential to establish new immunological techniques and procedures to address complex immunological problems.

HOW TO APPLY.

Candidates should email a cover letter and current CV to:

Pau Serra, PhD
Laboratory of Autoimmunity-IDIBAPS.
Carrer Rossello 149-153, 08028. Barcelona.
Phone: 932275400 (x4543)
PSERRA1@clinic.cat

Deadline, 10th of June 2017

Barcelona a x/x/2017
Marta Fernandez Cufí
Human Resources Director