



**Identification and characterization of polymorphisms in genes of the immune system (IL11, NLRP11 y PRRC2a) associated with poor ovarian response.**

*J. A. Ortiz, J. Llácer, A. Turienzo, B. Lledó, R. Morales, L. Luque, J.C. Castillo, R. Bernabeu.* **Oral Presentation** . SEF Congress. Barcelona. May 2014.

It is said that a woman has a low ovarian reserve when there has been a significant reduction in the number of eggs either by age or by other factors that have accelerated the process of depletion.

In this research we have identified two new genetic variants associated with low ovarian reserve (IL11 and PRRC2A). These two variants or polymorphisms occur more frequently in patients with premature ovarian failure and may predispose to a poor response to ovarian stimulation.

This work is part of a research project carried out by the IB "Poor Ovarian Response Unit" led by Dr. Llácer, unit that deals comprehensively ovarian failure and is formed by a multidisciplinary team and is "unique among IVF clinics".

This project has been selected for their quality and interest among the hundreds of communications that have been submitted to the SEF Congress 2014 (Barcelona) for oral presentation.