

Avances y retos en investigación en el trasplante de órganos

Advances and Challenges in Organ Transplantation Research

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BIO

Rafael Correa Rocha

Rafael Correa Rocha is a Doctor of Biology from the Complutense University of Madrid and a Doctor of Medicine and Surgery from the Autonomous University of Madrid. Rafael directs the Immuno-regulation Laboratory of the Gregorio Marañón Health Research Institute (IISGM), whose interest is focused on the study of immunological homeostasis and the development of cell therapies to induce immunological tolerance in the context of different diseases (transplantation rejection, autoimmune diseases, graft versus host disease).

His group has developed a protocol to obtain regulatory T cells (Treg) suitable for clinical use from thymus tissue. In 2019 they initiated a pioneering clinical trial to prevent rejection in children heart-transplant through a cellular therapy with Treg obtained from the patient's thymus tissue.