

# Avances y retos en investigación en el trasplante de órganos

## *Advances and Challenges in Organ Transplantation Research*

Madrid, 25 de octubre de 2019 / October 25

BIO

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Dr. James Hutchinson is Professor of the Department of Surgery, University Hospital Regensburg, in Regensburg, Germany. His laboratory focuses on the use of cell therapy using human regulatory macrophages (M reg) as complementary immunosuppressive drugs in organ transplantation. His laboratory was the first to describe the generation of a population of human macrophages derived in vitro (M regs), which have been applied in the clinic in transplant patients with promising results.

This state-of-the-art strategy allows the evaluation of the immunological status of organ transplant recipients and is being evaluated in clinical trials with encouraging results, opening interesting possibilities for its future application as therapy in transplant patients. Currently, M reg are being evaluated in the ONEmreg12 trial (a phase I / II study) as a protocol to minimize immunosuppression in renal transplant recipients.