

Avances y retos en investigación en el trasplante de órganos

Advances and Challenges in Organ Transplantation Research

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BIO

Willem Mulder

Dr. Willem Mulder is a professor at the School of Medicine at Mount Sinai in New York, where he directs the nanomedicine program at the Institute of Molecular and Transnational Imaging. His laboratory focuses on the development of nanoparticles with differential specificity to prevent rejection of transplants.

Dr. Mulder has established a program that aims to apply nano-immunotherapy to prevent trained immunity and promote immunological tolerance in order to perform clinical trials in transplant patients. In collaboration with Drs. Jordi Ochando and Mihai Netea, his laboratory has developed a nano-immunotherapy that negatively regulates the innate immune memory that consequently prevents rejection of the transplanted organ in an experimental murine model of organ transplantation.