


Título del Proyecto	DRIVE – Diabetes-Reversing Implants for Enhanced viability and long-term efficacy
Nº de expediente asignado	GA: 645991
Abstract	<p>DRIVE aims to improve pancreatic islet transplant therapy for diabetes mellitus, a chronic disease characterised by high blood sugar due to a shortage of insulin. Transplant of insulin-producing pancreatic islets purified from donor pancreases can restore tight natural control of blood sugar and eliminate the need for multiple daily injections of insulin, thereby improving patient’s quality of life.</p> <p>However, despite its proven effectiveness among current treatments for type 1 diabetes, this therapy suffers from poor survival and engraftment of transplanted islets and risks associated with the lifelong immune suppression medication that islet transplant recipients must take. These factors limit the use of this therapy to a small percentage of “brittle” type 1 diabetes patients for whom daily insulin injections are not sufficient to control their diabetes.</p> <p>The DRIVE project aims to develop <u>technologies</u> to dramatically improve the survival and engraftment rate of</p>

	<p>transplanted islets and forego the need for lifelong immune suppression. DRIVE's vision is to widen the application of islet transplant therapy to more insulin-dependent diabetes patients (T1D and T2D).</p> <p>DRIVE is a 4-year project to be carried out by 14 European partners, coordinated by the Royal College of Surgeons in Ireland (RCSI).</p>
Entidad Financiadora	Unión Europea (Comisión Europea)
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Importe de la ayuda	550.452,75€
Fechas de ejecución del proyecto	01/06/2015-31/05/2019
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Enlaces:	http://www.drive-project.eu/

