

Live as of the 31st August 2018

Study ref.	Study Title	Ranking
HEART		
67	Structural and functional analysis of intact myocardium and isolated cells from explanted hearts	1
LUNG		
58	ENLIGHTEN - Multiplexed Optical Molecular Imaging and Sensing during Ex Vivo Lung Perfusion (EVLV)	1
66	Further Evaluation of Ex Vivo Lung Perfusion to Improve Transplantation Outcomes	2
LIVER		
21	Development of pre-transplant normothermic perfusion reconditioning for human livers donated after circulatory death	1
35	Normothermic Liver Perfusion Study (The development of NMLP for improvement of marginal human donor liver quality)	2
60	Exploring the structural and functional effects of normothermic machine perfusion and de-fatting agents on human steatotic livers	2
56	Human Hepatic Progenitor Cells as a Source of Liver Regeneration	3
33	Expression and Function of Immune Regulatory Proteins in Human Liver	4
52	Establishing ex-vivo normothermic and hypothermic perfusion of livers for transplantation	5
50	Organ Regeneration and Disease Modelling Using 3D Biological Scaffold	5
68	Hepatocyte Transplantation Project: Studies on isolated hepatocytes	6
PANCREAS		
20	Process development for islet isolation targeted at enhancing islet yield and viability	1
34	A pre-clinical study of human islet function to improve long-term graft survival	2
50	Organ Regeneration and Disease Modelling Using 3D Biological Scaffold	3
3	A prospective, observational, study into the correlation between donor characteristics, gross examination, histology and markers of ischaemic injury to determine the suitability of pancreata for transplantation	4
40	Identification of genes involved in renal, electrolyte and urinary tract disorders	4
KIDNEY		
53	Quality assessment of Human Kidneys by Ex-vivo Normothermic Perfusion prior to Transplantation	1
49	A study to determine the mechanism and effect of machine perfusion on cadaveric kidneys unsuitable for transplantation	2
48	Establishing ex vivo normothermic perfusion (EVNP) of kidneys for transplantation	2
37	Normothermic Perfusion of Discarded Kidneys	2
63	Transplanting the untransplantable - extending antibody incompatible transplantation using a normothermic perfusion model with cytoprotective agents	3
73	Mobilisation and depletion of passenger leukocytes during warm perfusion of discarded deceased donor kidneys	4
2	Study of renal ischaemia-reperfusion injury and its amelioration	5
19	Establishment of cultured human glomerular cells for study of glomerular function in vitro	6
23	Characterisation of ischaemia reperfusion injury in human kidneys Non-transplantable Kidneys	7
40	Identification of genes involved in renal, electrolyte and urinary tract disorders	8

