

MAP OF REGENERATIVE MEDICINE EFFORTS IN CATALONIA

Institution	Principal Investigator	Research Activities	Organ or system
IIBB/CSIC	J. Roselló-Catafau	Liver transplant	Liver
	J.C. Fernández-Checa	Liver regeneration	Liver
CRG	L. Di Croce	Epigenetics of pluripotency	Bone marrow
	M.P. Cosma	Reprogramming and tissue regeneration	Retina
	Manuel Irimia	Pluripotency in mammals	Several
	Lars Velten	Single-Cells Genomics and tissue regeneration	Hematopoietic line
	Bernhard Payer	Epigenetics reprogramming	Several
IBEC	Pau Gorostiza	Restoration of retinal functionality	Retina
	Elisabeth Engel	Tissue engineering	Several
	Josep Samitier	Biomaterials for musculoskeletal regeneration	Musculoskeletal system
	Daniel Navajas	Device development & Tissue engineering	Lung, heart
	Xavier Trepap	Tissue regeneration	Epithelial tissue (intestine, kidney)
	Jose Antonio Del Río	Neural / axonal regeneration	Nervous system
	Eduard Torrents	Bacterial biofilm models in skin healing	Skin

	Pere Roca-Cusach	Tissue regeneration	Several
	Elena Martínez	Biomimetic platforms of organotypic systems	Intestinal epithelium, heart tissue
	Núria Montserrat	Tissue engineering and regeneration	Several
	Samuel Sánchez	Tissue modeling	Muscle
	Vito Conte	Tissue design	Several
	Javier Ramón	Tissue engineering	Several
IDIBAPS	J.M. Canals	Neuronal differentiation	Nervous system
	A. Alberch	Huntington's disease	Nervous system
	J.M. Campistol	Renal regeneration	Kidney
	Ramón Farré	Lung progenitor cells	Respiratory diseases
	Montserrat Rigol	Cell regeneration	Cardiology
	Ana Paula Dantas	In vitro IPS	Several
	Olga Tura	Endothelial progenitor cells (EPCs)	Heart and lung
	Antonio Postigo	Gene regulation of cellular plasticity	Several
IDIBELL	A. Raya	PSC cardiac differentiation	Heart
	A. Veiga	HESC / iPSC generation	Macular degeneration
	C. Florian	HSC aging.	Acute myeloid leukemia

	M. Plass	Gene regulation of cell differentiation	Neurodegeneration
	A.Giorgetti	HSC differentiation	Hematological disorders
	M. Rovira	Pancreatic cell regeneration	Pancreas (diabetes)
	J. Guiu	Post-radiation intestinal epithelial dysfunction	Epithelial regeneration
	A. Consiglio	PSC neuronal differentiation	Neurology
	JM. Cruzado,	Renal regeneration	Kidney
	AM. Sola	Renal regeneration	Kidney
	E. Montanya	Transplantation of pancreatic islets	Diabetes
	Aurora Pujol	SC as a therapeutic strategy for bone regeneration	Neurometabolic diseases
Francesc Ventura	Bone regeneration	Bone regeneration	
IDIBGI	David Gallardo	Stem cell transplant	chronic lymphocytic leukemia
	Ramon Brugada	Cellular models in heart disease	Heart attack
IGTP	Antonio Bayés-Genís	Cardiac regeneration and repair	Cardiology
	Biola M. Javierre	Pharmacological method to stabilize cell identity	Leukemia
	Marta Vives	Immunotherapy to curb autoimmunity	Diabetes I and other autoimmune diseases
	Eduard Serra	Nerve regeneration with IPS	Otolaryngology
IJC	Marcus Buschbeck	Epigenetics of PSC differentiation	Collaborations
	Pablo Menéndez	Obtaining red blood cells in vitro from iPSCs	Collaborations

	Esteller	Epigenetics of pluripotency	Several
Sant Pau	Gemma Ardariu Marqués	Regeneration after cardiac ischemia	Adipose tissue
IMIM	Anna Bigas	Hematopoietic and leukemic stem cells	Leukemia
	Lluís Espinosa	Intestinal and tumor stem cells	Intestinal tumor
	Antoni Celià-Terrassa	Breast and tumor stem cells	Breast tumor
	José Yelamos	Hematopoietic stem cells	Hematology
IRB Lleida	Daniel Sanchís	Cardiac regeneration	Cardiology
VHIR	Anna Duarri	Retinal degeneration	Retina
	Anna Rosell	Neuro-vascular remodeling	Brain and Vascular System
	Miguel Angel González Viejo	Pre-clinical models of stroke	Spinal cord
	Raul Herance	Treatment of spinal cord injuries	Skeletal muscle
	Manuel Comabella	Medical imaging agents for stem cell tracking	Nervous system
	Marius Aguirre	Differentiation of iPSCs	Bone
	Joaquim Vives	Bone regeneration	Bone
	Roberto Vélez	Bone regeneration	Bone
	Jordi Sabadell	Cellular interaction with synthetic tissue implants	Female reproductive system

BST	Nuria Nogues	Hematopoietic regeneration	Immunoematology
	Ricardo Casaroli	Cell therapy for eye repair and regeneration	Retina
	Sergi Querol	Cell Therapy	Several
Parc Taulí	Ferrán Fillat Gomà	Creation and development by 3D printing of prostheses	Orthopedics and traumatology
Màcula Foundation	Jordi Monés Carilla	Macular regeneration	Macular degeneration

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