





LIST OF AVAILABLE RESEARCH GROUPS OF THE ANDALUSIAN PUBLIC HEALTH SYSTEM FOR PHASE II (Reintegration)

CENTRE	CITY	GROUP/DEPARTMENT	PRINCIPAL INVESTIGATOR	RESEARCH LINES	+ INFO
Andalusian Stem Cell Bank	GRANADA	Stem Cell Reprogramming and Retrotransposition Biology	JOSÉ LUIS GARCÍA PÉREZ  josel.garcia.perez@juntadeandalucia.es	<ul style="list-style-type: none"> Molecular bases of Fanconi anaemia. Genomic impact and mosaicism of the LINE-1 human retroelement. LINE-1 retroelement activity in early stages of embryonic development. Reprogramming iPS cells using LINE-1 retroelements. Epigenetic control of LINE-1 retroelement mobility 	Web page
		Stem Cells, Development and Cancer	PABLO MENÉNDEZ BUJÁN  pablo.menendez@juntadeandalucia.es	<ul style="list-style-type: none"> Cancer stem cell, genomic stability and polymorphisms. Specific differentiation to a haemopoietic line via extrinsic and intrinsic mechanisms. Activity and expression of retrotransposons in haematopoietic stem cells. Mesenchymal stem cells as target transformation cell. Derivation of mesenchymal stem cells from hESC and iPS cell lines. 	Web page
		Cellular and Genic Therapy	FRANCISCO MARTÍN MOLINA  francisco.martin.molina@juntadeandalucia.es	<ul style="list-style-type: none"> Cell-Gene Therapy of primary immunodeficiencies: Wiskott-Aldrich Syndrome. New therapeutic strategies for autoimmune diseases: multiple sclerosis. 	Web page
		Cytogenetics and Molecular Biology	PAOLA E. LEONE CAMPO  paola.leone@juntadeandalucia.es	<ul style="list-style-type: none"> Characterization of chromosomal stability in human embryonic stem cell lines. Molecular characterization of human multiple myeloma cell lines. Description of the tumour progression model in multiple myeloma. 	Web page

Andalusian Center for Molecular Biology and Regenerative Medicine (CABIMER)	SEVILLA	Advanced Therapies in Neuroprotection and Immune-Regulation	DAVID POZO PÉREZ  david.pozo@cabimer.es	<ul style="list-style-type: none"> • Modulation of innate and adaptive immunity by Activity-dependent Neuroprotective Protein (ADNP) and ADNP-derived peptides. • Chemical synthesis and biological characterization of metal-protected nanoparticles functionalized with bioactive peptides. • Immunologic effects and mechanisms of disease-linked protein aggregation. 	Web page
		Cell Therapy for Neuropathologies	MANUEL ÁLVAREZ DOLADO  manuel.alvarez@cabimer.es	<ul style="list-style-type: none"> • Neuronal Regeneration by Cell Fusion. • Cell Therapy with GABAergic Neuronal Progenitors for Epilepsy Treatment. 	Web page
Centre for Genomics and Oncological Research (GENyO)	GRANADA	Human Genetic Variability	MARTA E. ALARCÓN RIQUELME  marta.alarcon@genyo.es	<ul style="list-style-type: none"> • Genetics of autoimmune and chronic inflammatory diseases. • Interaction between genetic and environmental factors. 	+info
		Genomic Oncology	JUAN CARLOS RODRÍGUEZ-MANZANEQUE  juancarlos.rodriquez@genyo.es	<ul style="list-style-type: none"> • Identification of substrates of metalloprotease ADAMTSs by proteomic analysis. • Determination of the tumour plasticity by means of the modification of the extracellular microenvironment. 	+info
Hospital Reina Sofía	CÓRDOBA	Molecular bases of Cancer (LMA) and Systemic Autoimmune Diseases	ROSARIO LÓPEZ PEDRERA  rosario.lopez.exts@juntadeandalucia.es	<ul style="list-style-type: none"> • Molecular and Cellular mechanisms that regulates biological therapies in the prevention of thrombosis and aterotrombosis in systemic autoimmune diseases • Identification of new biomarkers for autoimmune diseases • Relevance of oxidative damage in the development of autoimmune diseases. 	+info

Hospital de Valme	SEVILLA	Digestive Diseases	MANUEL ROMERO GÓMEZ  manuel.romero.sspa@juntadeandalucia.es	<ul style="list-style-type: none"> • Metabolic syndrome and Hepatitis C. • Prevention and treatment of non-alcoholic fatty liver disease. • Hepatic encephalopathy. 	+info
		Experimental and Clinical Pharmacology	FCO. JAVIER MIÑANO SÁNCHEZ  jminano@us.es	<ul style="list-style-type: none"> • Neuroimmune Pharmacology. • Mechanisms of the systemic inflammatory response and the metabolic syndrome. 	+info
		Infectious diseases	JUAN A. PINEDA VERGARA  japineda@telefonica.net	<ul style="list-style-type: none"> • Treatment for HIV infection. • Treatment for viral hepatitis. 	+info