

Candidates for the IRBPostPro are invited to select one of the listed projects and discuss their application with the prospective IRB Barcelona group leaders. Alternatively, applicants may suggest an unlisted project.

INTERDISCIPLINARY PROJECTS LIST (ref. 1/12/IRBPostPro)

Group Leader 1	Group Leader 2	Project Name
Modesto Orozco	Manuel Palacín	Conformational dynamics of APC (Amino acid, Polyamine and organoCation) transporters
Eduard Batlle	Lluís Ribas	Role of RNA modifications in cancer
Roger Gomis	Raúl Méndez	CPEB4 in cancer and metastasis
Maria Macias	Antoni Riera	Syntheses of modified peptides and structural characterization of their interactions with pharmacologically relevant proteins. Synthesis of inhibitors.
Lluís Ribas	Antonio Zorzano	Analysis of human mitochondrial pathologies and related stress pathways in animal and cellular models.
Angel Nebreda	Travis Stracker	Integration of genome and proteome wide approaches in the regulation of gene expression by stress-activated kinases
Eduard Batlle	Jordi Casanova	Drosophila as a model to understand the role of intestinal stem cell genes in colorectal cancer
Antoni Riera	Xavier Salvatella	Synthesis and in vitro evaluation of small molecules inhibitors of novel protein-protein interactions involving intrinsically disordered proteins

NON-INTERDISCIPLINARY PROJECTS LIST (ref.1/12/IRBPostPro)

Group Leader	Project Name
Angel Nebreda	Cell regulation by mammalian RINGO proteins"
Joan Guinovart	Function and dysfunction of brain glycogen metabolism
Maria Macias	Structural and functional studies on Smad transcription factors