

ANNEX III

List of eligible iMATUS projects (mark a maximum of 3 projects for those applying to the stock market in order of preference)

	TITLE	TUTORS	PLACE OF EXECUTION	AXIS IMATUS
	Preparation of nanoparticles of cannabinoid derivatives for psoriasis treatment	Francisco J Otero Espinar/Victoria Díaz Tomé	Facultade de Farmacia	Health materials
	Micromagnetic modelling of magnetite (nano)superballs: competition between shape, size and anisotropy	David Serantes	Facultade de Física	Health materials
	Variation in elemental content in samples of marine organisms exposed to nanoparticles	María Carmen Barciela Alonso / Elena María Peña Vázquez	Laboratorios de iMATUS (grupo GETEE) Facultad de Química	Materials for energy and environmental
	Edible coatings and active biopolymers for food use: characterization and evaluation of their effectiveness	Leticia Barbosa Pereira/Antia Lestido Cardama	Laboratorios Grupo FoodChemPack, Facultad de Farmacia	Health materials
	Synthesis and characterization of metal clusters	M. Arturo López Quintela / Carlos Vázquez Vázquez	Instituto de Materiais. Grupo NANOMAG	Materials for industry and emerging technologies
	Optimization of the metal nanocluster reduction process by using proteins	Adriana Cambón/ Alejandro Ogando	Facultade de Física	Health materials
	Modified pollen microcapsules for lung administration of active substances	Carmen Remuñán	Laboratorio del Grupo NANOBIOFAR-Facultad de Farmacia	Health materials
	Bioprinting of cancer models for pharmacological screening	Bárbara Blanco Fernández/ Carmen Álvarez Lorenzo	iMATUS/Facultad de Farmacia (departamento de Tecnología Farmacéutica)	Health materials
	Scaffolds loaded with polymeric vectors for bone regeneration	Luis Díaz Gómez, Patricia Díaz Rodríguez	Facultad de Farmacia	Health materials
	Bio-based and/or biodegradable food contact materials: Safety assessment	Ana Rodríguez Bernaldo de Quirós/Antía Lestido Cardama	Facultad de Farmacia-Departamento de Química Analítica, Nutrición y Bromatología	Materials for industry and emerging technologies
	Study of tribological and thermophysical properties of graphene nanolubricants as potential transmission fluids for electric vehicles.	Josefa Fernández/José Manuel Liñeira del Río	Grupo Nafomat, Facultad de Física	Materials for energy and environmental
	Development of 3D-printing inks for glass/boron nitride composites	Álvaro Gil González, Francisco Guitián Rivera	Sede iMATUS	Materials for industry and emerging technologies
	Design and characterization of ionic liquid hybrid ionogels and multivalent salts	Juan José Parajó/ Josefa Salgado	Facultade de Física	Materials for energy and environmental
	Synthesis and characterization of organic nanoparticles and porous hybrids at scale using microfluidic systems	Pablo Taboada	Facultade de Física	Materials for energy and environmental
	Using 3D printing to make aerogels	Carlos García González y Ana Iglesias Mejuto	Facultad de Farmacia	Health materials
	Development of advanced nanomaterials coatings to improve efficiency and durability for sustainable mobility	María Jesús García Guimarey / Óscar Giner	Facultad de Física	Materials for energy and environmental
	Use of machine learning techniques in the prediction of pharmacological interaction and its physico-chemical characteristics. Experimental validation of results using ITC calorimetry.	Gerardo Prieto Estévez/Andrea Santiesteban	Sede iMATUS/ Facultad de Física	Health materials