

ANEXO III

List of eligible iMATUS projects (mark a maximum of 3 projects for those applying to the stock market in order of preference). Indicate with a number in the column the order of preference (1, 2, and 3)

Orde		TITLE	SUPERVISOR	PLACE	AXIS
		Eatable coatings and active biopolymers for food use: chemical characterization and effectiveness evaluation	Letricia Barbosa Pereira	Facultade de Farmacia	Materials for industry and emerging technologies
		Application of oral bioaccessibility to assess human dietary exposure to food contaminants	Letricia Barbosa Pereira & Lara Pazos Soto	Facultade de Farmacia	Materials for industry and emerging technologies
		Micromagnetic modeling of porous magnetic nanoneedles for biomedical applications	David Serantes Abalo	Facultade de Física	Materials for health
		Bioprinting of personalized implants for joint regeneration	Carmen Álvarez Lorenzo & Luis Díaz Gómez	Edificio iMATUS/Facultade de Farmacia	Materials for health
		Scaffolds loaded with polymeric vectors for bone regeneration	Luis Díaz Gómez & Patricia Díaz Rodríguez	Edificio iMATUS/Facultade de Farmacia	Materials for health
		Structure–toxicity relationships in ionic liquids: implications for Green Chemistry	Bárbara Blanco Fernández & Juan José Parajó Vieito	Edificio iMATUS/Facultade de Farmacia/ Facultade de Física	Materials for health y Materials for energy and environment
		Dynamics of two-photon polymerization with functional additives	Ana Isabel Gómez Varela & Carmen Bao Varela	Facultade de Óptica	Materials for health
		Circular economy applied to 3D printing of aerogels	Carlos A. García González & Ana Iglesias Mejuto	Facultade de Farmacia	Materials for health
		Design of dissolvable microneedles formulated with polymeric nanoparticles for transdermal delivery of apremilast	Carlos A. García González & Clara López Iglesias	Facultade de Farmacia	Materials for health
		Rheological and electrochemical characterization of polymeric matrices for use in energy storage devices	María Villanueva López & Antía Santiago Alonso	Facultade de Física	Materials for energy and environment
		Exploring heat at the nanoscale: advanced thermal characterization of nanofluids	María Jesús García Guimarey & Juan José Parajó	Facultade de Física	Materials for energy and environment
		Study of microplastics analysis using single particle-ICP-MS	Elena Peña Vázquez & M ^a Carmen Barciela Alonso	Facultade de Química	Materials for energy and environment
		Development of sensing phases based on QD-MIPs for tacrolimus screening in blood	Antonio Moreda Piñeiro & Álvaro Goyanes Goyanes	Facultade de Química	Materials for health
		Use of ICP-MS with single particle detection in toxicokinetic studies of titanium dioxide nanoparticles	Antonio Moreda Piñeiro & Paloma Herbello Hermelo	Facultade de Química	Materials for health
		Synthesis of polysaccharide gels for 3D bioprinting	Álvaro Gil González	Sede de iMATUS	Materials for health
		Development of hybrid nanostructures with electrochemical properties for catalysis and energy storage	Pablo Taboada Antelo	Facultade de Física/iMATUS	Materials for energy and environment
		Nanotechnology for sustainable mobility: design of transmission fluids for electric vehicles	María José Pérez Comuñas & María Jesús García Guimarey	Facultade de Física	Materials for energy and environment
		Effect of pH on proton transport using neural network potentials	Trinidad Méndez Morales & Hadrián Montes Campos	Facultade de Física	Materials for energy and environment