

MARTÍ FRANQUÈS RESEARCH FELLOWSHIP PROGRAMME

Call of the public competition for the contracting of
Approved by the Commission for Science Policy and Transfer 12 May 2023

List of selected candidates

Reference	Responsible researcher	Subject of the study	Selected candidate	Awarding publication date
Department of Analytical Chemistry and Organic Chemistry				
2023PMF-PIPF-49	MESTRES SOLÉ, MARIA MONTSERRAT	Sensory Characterization Of New Products Derived From Nuts	SAOUABI, INES	13/09/2023
2023PMF-PIPF-53	MONTANÉ MONTANÉ, XAVIER	Polymer synthesis, characterization and applications	VILANOVA PÉREZ, ANNA	13/09/2023
2023PMF-PIPF-54	RUISANCHEZ CAPELASTEGUI, MARÍA ICIAR	Theoretical and applied Chemometrics. Title: Authentication/adulteration of mediterranean foods by fingerprinting (mainly spectroscopy) and data mining/analysis. Specific goals: development of multivariate model by implementing new data analysis algorithms for characterization of relevant mediterranean foods such as, wine, olive oil, etc. and for new raw materials that must replace the conventional ones, such as insects	Unfilled	18/09/2023
Department of Anthropology, Philosophy and Social Work				
2023PMF-PIPF-30	SORONELLAS MASDEU, MARIA MONTSERRAT	In any of the Department's projects	PERARNAU MOLES, JÚLIA	13/09/2023
2023PMF-PIPF-31	SORONELLAS MASDEU, MARIA MONTSERRAT	In any of the Department's projects	BARRERA, MARCELO SILVIO	13/09/2023
Department of Basic Medical Sciences				
2023PMF-PIPF-13	GENÉ DÍAZ, JOSEPA	Diversity of culturable ascomycetes in river and marine sediments of the mediterranean area as bioindicators of a quality or risk ecosystem (PID2021-128068NB-I00)	Unfilled	05/09/2023
2023PMF-PIPF-14	CAPILLA LUQUE, JAVIER	Research focused on mechanisms of antifungal resistance and virulence factors, especially in emergent species of moulds of clinic interest. The specific Studies will include the elaboration of antifungal sensibility profiles of comercialized, experimental or natural compounds by in vitro techniques. Efficacy of antifungal agents in cell cultures and animal models and reseaceh on mechanisms of antifungal resistance	CAMUÑA PARDO, LAURA	05/09/2023
2023PMF-PIPF-15	LANUZA ESCOLANO, MARÍA ANGEL	Project PID2019-106332GB-I00. Effect of neuromuscular activity on the interaction between the muscarinic and neurotrophic synaptic signaling. Role in Amyotrophic Lateral Sclerosis	JAMI EL HIRCHI, MERYEM	18/09/2023
2023PMF-PIPF-16	ARIJA VAL, MARIA VICTORIA	Nutritional and health status. Epidemiological studies in different stages of life	KOU, XIRUO	28/07/2023
2023PMF-PIPF-56	ROMEU FERRAN, MARTA	Functional virgin olive oil enriched with phenolic compounds and yogurt enriched with probiotics: dietary strategy to address sarcopenia in young elderly	CHARPENTIER, MARÍA JOSÉ	28/07/2023
Department of Biochemistry and Biotechnology				
2023PMF-PIPF-36	TORIJA MARTÍNEZ, MARÍA JESÚS	Research line" Yeast and alcoholic fermentation"	TORO, CAMILO	05/09/2023
2023PMF-PIPF-37	AROLA ARNAL, ANNA	Search of dietary bioactives compounds with beneficial effects against pathologies related with metabolic syndrome, obesity, diabetes mellitus and hypertension	FERNÁNDEZ MUÑOZ, CRISTINA	28/07/2023
2023PMF-PIPF-38	MUGUERZA MARQUÍNEZ, MARIA BEGOÑA	Evaluation of the impact of biological rhythms on the effectivity of bioactives compounds	ZAMORA ÚBEDA, MARÍA	28/07/2023
2023PMF-PIPF-39	ARDÈVOL GRAU, ANNA	Effects of alternative protein sources on the enteroendocrine system	SOLER BORONAT, ORIA	05/08/2023
Department of Business Management				
2023PMF-PIPF-8	FABREGAT AIBAR, LAURA	Analysis of the effects of ESG criteria on European portfolios	NEUMANN CALAFELL, ANDREU MICHAEL	05/09/2023
2023PMF-PIPF-9	PIÉ DOLS, LAIA	Economic, social, and environmental policy impact assessment.	COCA SÁNCHEZ, JAVIER	05/09/2023
2023PMF-PIPF-10	FERNÁNDEZ BARIVIERA, AURELIO	Stochastic processes, quantitative methods applied to finance, blockchain	Unfilled	05/09/2023

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Department of Chemical Engineering				
2023PMF-PIPF-4	SALVADÓ ROVIRA, JOAN	Research on chemical and environmental engineering, materials science and nanotechnology	Unfilled	18/09/2023
2023PMF-PIPF-5	SALVADÓ ROVIRA, JOAN	Research on chemical and environmental engineering, materials science and nanotechnology	CORDOVA CORDOVA, JESMYL ELISA	18/09/2023
2023PMF-PIPF-6	SALVADÓ ROVIRA, JOAN	Research on chemical and environmental engineering, materials science and nanotechnology	HASSAN BAABBAD, HASSAN KHALED	18/09/2023
2023PMF-PIPF-7	SALVADÓ ROVIRA, JOAN	Research on chemical and environmental engineering, materials science and nanotechnology	LÓPEZ COLOM, CLARA	05/09/2023
2023PMF-PIPF-47	FERRANDO COGOLLOS, MARIA MONTSERRAT	Evaluating pellet properties to enhance peri-weaning feed intake in piglets	SAAD, MARC	18/09/2023
2023PMF-PIPF-55	SALVADÓ ROVIRA, JOAN	Research on chemical and environmental engineering, materials science and nanotechnology	Unfilled	18/09/2023
Department of Computer Engineering and Mathematics				
2023PMF-PIPF-18	MORENO RIBAS, ANTONIO	The work to be done belongs to the research line in Artificial Intelligence, Robotics and Vision	SALMONY, MONIR YAHYA ALI	13/09/2023
2023PMF-PIPF-19	DOMINGO FERRER, JOSEP	Security and privacy in machine learning and data release	SALMONY, MONIR YAHYA ALI	18/09/2023
2023PMF-PIPF-20	PUIG VALLS, DOMÈNEC SAVI	Synthetic medical image generation, and annotation based on deep learning models	SHARAF ALDEEN, NAJWA	13/09/2023
2023PMF-PIPF-21	DUCH GAVALDÀ, JORDI	Development of new methodologies for network inference and interpretable machine learning using statistical physics, network science, and machine learning	TORRES, LLUIS	05/09/2023
2023PMF-PIPF-22	VALLS MATEU, AÍDA	The PhD thesis will belong to the research line in Artificial Intelligence, Robotics and Vision. It is framed in a research project funded by the Instituto de Salud Carlos III. The goal is to develop a system for predicting the evolution of the disease called diabetic retinopathy. The system will work with clinical and analytical data of patients with diabetes (obtained in successive visits to medical centers) and with medical images of the fundus of the eye. The work to be done must be integrat	AL-ZUBAIRI, AMAL ESMAIL QASEM	13/09/2023
2023PMF-PIPF-23	SANCHEZ ARTIGAS, MARC	CloudSkin: Adaptive virtualization for AI-enabled Cloud-edge Continuum	GUELLIL, SAFIA	13/09/2023
2023PMF-PIPF-46	TRUJILLO RASUA, ROLANDO	Secure and Private Provenance Verification	TENG, XIAOPENG	18/09/2023
Department of Economics				
2023PMF-PIPF-50	PEREZ LABORDA, ALEJANDRO	Economic Development and Institutions: the project will have a clear empirical focus, making use of existing datasets for developing countries to estimate the impact of policy reforms and other interventions	ZELU, BARBARA	18/09/2023
2023PMF-PIPF-51	ARAUZO CAROD, JOSEP MARIA	Spatial inequalities in firm location: a sustainability approach	ROCHA, KELI DE ARAUJO	28/07/2023
Department of Electronic, Electric and Automatic Engineering				
2023PMF-PIPF-11	VALDERRAMA BLAVI, HUGO	PID2019-111443RB-I00 Power electronics, energy conversion and control engineering. intelligent fast battery charging system. Charging algorithms.	PISANI ORTA, MIGUEL ANTONIO	05/09/2023
2023PMF-PIPF-12	VALDERRAMA BLAVI, HUGO	Detection of the state of health, degradation and charge of each battery cell	BLANCH FORTUNA, ALESANDRA	05/09/2023
2023PMF-PIPF-40	LÁZARO GUILLÉN, ANTONIO RAMON	PID2021-124229NB-I00. Universal On-Board Battery Charging Platform for Electric Vehicles Wireless biosensors for the next generation of point-of-care testing for telemedicine	MORABET, FARID	28/07/2023

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Department of English and German Studies				
2023PMF-PIPF-2	RIUTORT RIUTORT, MACIÀ	Translation and interpretation; Acquisition and teaching of English as a Foreign Language; English Language and Linguistics	HÀ, TÚ ANH	13/09/2023
2023PMF-PIPF-29	RIUTORT RIUTORT, MACIÀ	Translation and interpretation Acquisition and teaching of English as a Foreign Language English Language and Linguistics	HÀ, TÚ ANH	13/09/2023
2023PMF-PIPF-41	POLYANSKAYA , LEONA	Air quality and decision-making in bilinguals and monolinguals	Unfilled	18/09/2023
2023PMF-PIPF-42	POLYANSKAYA , LEONA	Relations between lifestyle, psychological distress, cognitive functions and decision-making in younger and older populations in Catalunya.	Unfilled	18/09/2023
2023PMF-PIPF-45	CHARALAMPOUS , CHARALAMPOS	The Historical and Transhistorical Values of Literary Study (HTV)	CHALIMOURDA, ILIA	13/09/2023
Department of Geography				
2023PMF-PIPF-44	DELCLÒS ALIÓ, XAVIER	Mobilities in urban areas: environmental, social and health-related implications of resident and visitor mobility patterns in Catalan cities	PERARNAU MOLES, JÚLIA	13/09/2023
2023PMF-PIPF-48	SIGRÓ RODRÍGUEZ, FRANCISCO JAVIER	Anticipating the effects of global change on vulnerable aquatic ecosystems using diatoms	MENDOZA, PAULA	05/09/2023
Department of Mechanical Engineering				
2023PMF-PIPF-28	DE LA FLOR LOPEZ, SILVIA	Characterization of vitrimers for fiber-reinforced composite materials	VILANOVA PÉREZ, ANNA	05/09/2023
2023PMF-PIPF-52	PALLARÉS CURTO, JORGE MARÍA	Simulation, visualization and measurement of turbulent flows of industrial/environmental/technological interest	CATALÁN FARÍAS, ÁLVARO NICOLÁS	28/07/2023
Department of Medicine and Surgery				
2023PMF-PIPF-17	BARDAJÍ RUIZ, ALFREDO	MEDICINE and SURGERY (clinical, medical-surgical, specialties and physiotherapy)	Unfilled	28/07/2023
Department of Nursing				
2023PMF-PIPF-34	ALBACAR RIOBÓO, NÚRIA MARIA	Methodology and applications of research in mental health and addictions. Care, dependency and chronicity	Unfilled	05/09/2023
2023PMF-PIPF-35	DE MOLINA FERNANDEZ, MARIA INMACULADA	Global nursing, health, society and culture. Care, dependency and chronicity	VILLAFUERTE, KARLA	05/09/2023
Department of Physical and Inorganic Chemistry				
2023PMF-PIPF-24	RUIZ MARTÍ, JOSÉ JAVIER	Design and Manufacture of Micro and Nano Structures and Devices for Photonic Applications	SISÓ MOLINÉ, RUT	28/07/2023
2023PMF-PIPF-25	DIÉGUEZ FERNÁNDEZ, MONTSERRAT	Synergistic Approaches to Catalyst Design for the Sustainable Production of Substances of Industrial Interest. The project includes collaborations with industries (AstraZeneca and Bayer)	GARCÍA ALCÁZAR, JOSÉ ANTONIO	05/09/2023
2023PMF-PIPF-26	DE GRAAF , CORNELIS	Computational study of exciton and charge carrier transport in organic (super-)conductors. Implementation of new features in the GronOR code for non-orthogonal configuration interaction	Unfilled	18/09/2023
2023PMF-PIPF-27	GODARD , CYRIL	New catalytic strategies for the efficient utilization of feedstocks to production of clean energy (INCANTATION, PID2019-104427RB-I00)	SISÓ MOLINÉ, RUT	28/07/2023
2023PMF-PIPF-43	CASADEVALL SERRANO, CARLA	Catalyst-functionalized polymeric microreactors for the production of solar fuels and chemicals	ESPINOZA SUÁREZ, EDELMAN JOSÉ	28/07/2023

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Department of Psychology				
2023PMF-PIPF-3	MORALES VIVES, FÀBIA	Assessment of social prejudices associated with ageing in the Spanish population	NUÑEZ RAVENTÓS, SUSANA DEL ROSARIO	28/07/2023
Department of Romance Studies				
2023PMF-PIPF-1	JIMÉNEZ LÓPEZ, MARÍA DOLORES	Projects associated with the areas of knowledge of the Department de Filologies Romàniques (Spanish Language, Spanish Literature, Linguistics, French, Language Teaching).	ITURRIAGA BRITO, JUAN ALBERTO	13/09/2023
2023PMF-PIPF-32	JIMÉNEZ LÓPEZ, MARÍA DOLORES	Projects associated with the areas of knowledge of the Department de Filologies Romàniques (Spanish Language, Spanish Literature, Linguistics, French, Language Teaching).	MIR NEIRA, EDUARD	13/09/2023
Predepartmental Unit of Architecture				
2023PMF-PIPF-33	MIRALLES JORI, ROGER	Architecture and Urbanism	PAGÈS ARJONA, IGNASI	13/09/2023