

Martí Franquès Research Fellowship Programme 2019PMF-PIPF- ANNEX I: LIST OF GRANT

Reference	Type	Department of the Principal Researcher	Principal researcher	Research line
2019PMF-PIPF-01	PRDI contracts	Department of Physical and Inorganic Chemistry	PAMIES OLLÉ, OSCAR	NEW CARBENE-BASED LIGANDS FOR C-X BOND FORMING AND WATER OXIDATION REACTIONS.
2019PMF-PIPF-04	PRDI contracts	Department of Anthropology, Philosophy and Social Work	VIDAL , FERNANDO	ANTHROPOLOGY AND PHENOMENOLOGY OF THE LOCKED-IN SYNDROME
2019PMF-PIPF-06	PRDI contracts	Department of Computer Engineering and Mathematics	SERRATOSA CASANELLES, FRANCESC D'ASSÍS	Research in new computational models for the in-silico evaluation of nano-compounds toxicity
2019PMF-PIPF-11	Contracts for research groups	Department of Private, Procedural and Financial Law	NASARRE AZNAR, SERGIO	Law of the robots and of the artificial intelligence
2019PMF-PIPF-12	Contracts for research groups	Department of Computer Engineering and Mathematics	GARCÍA LÓPEZ, PEDRO ANTONIO	Middleware support for Serverless Data Analytics
2019PMF-PIPF-13	Contracts for research groups	Department of Mechanical Engineering	PALLARÉS CURTO, JORGE MARÍA	NUMERICAL AND EXPERIMENTAL STUDY OF THREE-PHASE FLOWS
2019PMF-PIPF-14	Contracts for research groups	Department of Electronic, Electric and Automatic Engineering	LLOBET VALERO, EDUARD	Development of gas-sensitive nanomaterials for selectively detecting warfare agents
2019PMF-PIPF-15	Contracts for research groups	Department of Chemical Engineering	MEDINA CABELLO, FRANCISCO	VALORA: Valorisation of hydrolysates from lignocellulosic biomass via a combined catalytic and biological approach
2019PMF-PIPF-16	Contracts for research groups	Department of Biochemistry and Biotechnology	SALAS SALVADÓ, JORGE	Mediterranean diet and cognition
2019PMF-PIPF-17	Contracts for research groups	Department of Computer Engineering and Mathematics	MORENO RIBAS, ANTONIO	Development of a decision support tool with explanation abilities for diabetic retinopathy screening, diagnosis and follow-up
2019PMF-PIPF-18	Contracts for research groups	Department of Medicine and Surgery	VIDAL MARSAL, FRANCISCO	Estudio de marcadores ómicos linfocitarios potencialmente predictores de recuperación inmune subóptima en pacientes VIH+ tratados con antiretrovirales. Subestudio de microbiota intestinal
2019PMF-PIPF-19	Contracts for research groups	Department of Medicine and Surgery	MUGUERZA MARQUÍNEZ, MARIA BEGOÑA	Impact of seasonal rhythms in the effects of bioactive compounds
2019PMF-PIPF-20	Contracts for research groups	Department of Chemical Engineering	GIAMBERINI , MARTA	Biodegradable capsules for delivery of anticancer agents
2019PMF-PIPF-21	Contracts for research groups	Department of Communication Studies	FARRÉ COMA, JORGE	Music Documentary produced in Catalonia as an element of visibility and generator of dissident identity
2019PMF-PIPF-22	Contracts for research groups	Department of Biochemistry and Biotechnology	PUJADAS ANGUIANO, GERARD	Bioactivity prediction of small molecules by means of artificial intelligence

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2019PMF-PIPF-23	Contracts for research groups	Department of Psychology	FERRÉ ROMEU, MARIA PILAR	The complex relationship between emotionality and abstractness: A road from representation to processing
2019PMF-PIPF-24	Contracts for research groups	Department of Medicine and Surgery	ALEGRET COLOMÉ, JOSEP MARIA	Identification of biomarkers of progression to aortic stenosis in bicuspid aortic valve: integrating lipoproteins and epigenetics
2019PMF-PIPF-25	Contracts for research groups	Department of Analytical Chemistry and Organic Chemistry	SERRA ALBET, MARIA ANGELS	Enhanced recyclability and shape memory performance of thermosets by using click synthetic methodologies
2019PMF-PIPF-26	Contracts for research groups	Department of Electronic, Electric and Automatic Engineering	GIRAL CASTILLON, ROBERTO	Comprehensive methods for the analysis and design of interconnected power converters
2019PMF-PIPF-27	Contracts for research groups	Department of Physical and Inorganic Chemistry	DÍAZ GONZÁLEZ, FRANCISCO MANUEL	Development of innovative femtosecond thin-disk lasers based on Ln ³⁺ :MgWO ₄
2019PMF-PIPF-28	Contracts for research groups	Department of Psychology	COLOMINA FOSCH, MARIA TERESA	The influence of APOE genotype on the developmental disorders induced by a prenatal exposure to the pesticide chlorpyrifos
2019PMF-PIPF-29	Contracts for research groups	Department of Geography	ANTON CLAVÉ, SALVADOR	Sustainable mobility at tourist destinations: mobility patterns and policies to promote more sustainable mobility
2019PMF-PIPF-30	Contracts for research groups	Department of Medicine and Surgery	ESCRIBANO SUBÍAS, JOAQUÍN	Relationship between central obesity or metabolic syndrome and cardiovascular risk i
2019PMF-PIPF-31	Contracts for research groups	Department of Public Law	PIGRAU SOLÉ, ANTONIO	A Legal Framework for the Geological Transition: Ecofeminist Perspectives
2019PMF-PIPF-32	Contracts for research groups	Department of Business Management	TERCEÑO GÓMEZ, ANTONIO	Influence of financial crises on the capital structure and the definition of the works of SMEs. An approach using linguistic labels and fuzzy numbers
2019PMF-PIPF-33	Contracts for research groups	Department of Physical and Inorganic Chemistry	POBLET RIUS, JOSEP MARIA	Computational Study of Low-Valent Actinides Interacting with Carbon Nanoforms
2019PMF-PIPF-34	Contracts for research groups	Department of History and the History of Art	BELZUNEGUI ERASO, ANGEL GABRIEL	Spanish Women Entrepreneurs in Audiovisuals: Access Barriers and Driving Strategies
2019PMF-PIPF-35	Contracts for research groups	Department of Economics	SEGARRA BLASCO, AGUSTÍ	International Sustainability Indicators: analysis and environmental policy im .E
2019PMF-PIPF-36	Contracts for research groups	Department of Analytical Chemistry and Organic Chemistry	CASTILLÓN MIRANDA, SERGIO	Targeting new modulators of the sphingolipid metabolism for therapeutic cancer intervention
2019PMF-PIPF-37	Contracts for research groups	Department of Electronic, Electric and Automatic Engineering	CORREIG BLANCHAR, FRANCESC XAVIER	Development of a fully automated data processing software for the discovery of altered metabolites in colorectal cancer using GCxGC-TOF

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2019PMF-PIPF-38	Contracts for research groups	Department of Medicine and Surgery	SOLÀ ALBERICH, ROSA MARIA	Anthocyanin supplementation through red-fleshed apple or anthocyanin extract: Mechanistic insights and cardiometabolic effects in hypercholesterolemic subjects (Subproject of coordinated AppleCOR Project)
2019PMF-PIPF-39	Contracts for research groups	Department of Economics	MANZANO TOVAR, CAROLINA	Taxation in the Digital Economy
2019PMF-PIPF-40	Contracts for research groups	Department of Computer Engineering and Mathematics	DOMINGO FERRER, JOSEP	Security and Privacy of Distributed Machine Learning
2019PMF-PIPF-41	Contracts for research groups	Department of Computer Engineering and Mathematics	GÓMEZ JIMÉNEZ, SERGIO	Data science of judicial decisions for evidence-based housing policies in Spain
2019PMF-PIPF-42	Contracts for research groups	Department of Nursing	RUBIO RICO, MARIA LOURDES	Caring for vulnerable migrant university students` needs: an holistic approach
2019PMF-PIPF-43	Contracts for research groups	Department of History and the History of Art	RUIZ DE ARBULO BAYONA, JOAQUIN	Techniques and methods for the geomètric documentation and preservation of the archeological heritage at the 21st century
2019PMF-PIPF-44	Contracts for research groups	Department of Biochemistry and Biotechnology	TORIJA MARTÍNEZ, MARÍA JESÚS	Effect of the use of <i>Torulaspora delbrueckii</i> on <i>Oenococcus oeni</i> and wine malolactic fermentation: strain compatibility and inoculation strategies
2019PMF-PIPF-45	Contracts for research groups	Department of Basic Medical Sciences	DOMINGO ROIG, JOSÉ LUIS	Dermal absorption of chemical pollutants through textiles. Health risk assessment
2019PMF-PIPF-46	Contracts for research groups	Department of Medicine and Surgery	VENDRELL ORTEGA, JUAN JOSÉ	New molecular links between obesity and cancer
2019PMF-PIPF-47	Contracts for research groups	Department of Nursing	FERRÉ GRAU, CARMEN	Decisiones compartidas en anticoncepcion
2019PMF-PIPF-48	Contracts for research groups	Department of Chemical Engineering	O`SULLIVAN -, CIARA KATHLEEN	Parallelised quantitative electrochemical isothermal amplification
2019PMF-PIPF-49	Contracts for research groups	Department of Business Management	BRUNET ICART, IGNACIO	Language and occupations. Deepning in its relations
2019PMF-PIPF-50	Contracts for research groups	Department of Physical and Inorganic Chemistry	ALVAREZ PUEBLA, RAMON ANGEL	Real-time multiplex SERS sensing in cells
2019PMF-PIPF-51	Contracts for research groups	Department of Medicine and Surgery	VILELLA CUADRADA, ELISABET	Genome sequence variants associated to bipolar disorder. Obtention of a diagnostic algorithm
2019PMF-PIPF-52	Contracts for research groups	Department of English and German Studies	OLTRA MASSUET, MARIA ISABEL	Unergatives at the lexicon-syntax interface

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2019PMF-PIPF-53	Contracts for research groups	Department of Medicine and Surgery	RICHART JURADO, CRISTOBAL MANUEL	Circulating microbiota-derived metabolites in the diagnosis of NASH
2019PMF-PIPF-54	Contracts for research groups	Department of Chemical Engineering	JIMÉNEZ ESTELLER, LAUREANO	Global Environmental Challenges: Water, Energy and CO2 nexus
2019PMF-PIPF-55	Contracts for research groups	Department of Private, Procedural and Financial Law	PICÓ JUNOY, JOAN	New challenges of the Evidence Law in the digital era
2019PMF-PIPF-56	Contracts for research groups	Department of Psychology	LORENZO SEVA, URBANO	Development and applications of typical response measures free of response biases
2019PMF-PIPF-57	Contracts for research groups	Department of Business Management	PÀMIES PALLISÉ, MARIA DEL MAR	HR innovation implementation: a multi-agent multi-level process approach
2019PMF-PIPF-58	Contracts for research groups	Department of Chemical Engineering	MACKIE , ALLAN DONALD	Particulate models for fluid mesoscopic simulations
2019PMF-PIPF-59	Contracts for research groups	Department of History and the History of Art	OLLÉ CAÑELLAS, ANDREU	Dental microwear analysis as an indicator of the diet in farming populations from recent Prehistory, using multi-proxy microscopic techniques
2019PMF-PIPF-60	Contracts for research groups	Department of Economics	LLOP LLOP, MARIA	Gender gaps in school outcomes
2019PMF-PIPF-62	URV-IRTA-BS contracts	Department of Analytical Chemistry and Organic Chemistry	RUISANCHEZ CAPELASTEGUI, MARÍA ICIAR	Novel applications of NIR spectroscopy for the optimization of monogastric animal feed
2019PMF-PIPF-63	URV-IRTA-BS contracts	Department of Biochemistry and Biotechnology	ÁVILA ROMÁN, FRANCISCO JAVIER	Efecto de la estacionalidad en los frutos secos que avalen su consumo de proximidad
2019PMF-PIPF-64	URV contracts	Department of Anthropology, Philosophy and Social Work	GRACIA ARNAIZ, MARIA ISABEL	Medical anthropology and global health, contemporary identities, urban spaces and representation and social work
2019PMF-PIPF-65	URV contracts (*)	Department of English and German Studies	RIUTORT RIUTORT, MACIÀ	English Language, (Language, Literature and Culture, Translation). The thesis proposal can be within any category in the field of English Studies
2019PMF-PIPF-66	URV contracts (*)	Department of Business Management	HERNANDEZ LARA, ANA BEATRIZ	Financial and Business Mathematics
2019PMF-PIPF-67	URV contracts	Department of Business Management	HERNANDEZ LARA, ANA BEATRIZ	Sociology
2019PMF-PIPF-68	URV contracts	Department of Business Management	HERNANDEZ LARA, ANA BEATRIZ	Accounting

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2019PMF-PIPF-69	URV contracts	Department of Nursing	JIMÉNEZ HERRERA, MARÍA FRANCISCA	Nursing
2019PMF-PIPF-70	URV contracts	Department of Nursing	JIMÉNEZ HERRERA, MARÍA FRANCISCA	Nursing
2019PMF-PIPF-71	URV contracts (*)	Department of Psychology	MORALES VIVES, FABIÀ CASTARLENAS SOLÉ, ELENA	Developmental and Educational Psychology
2019PMF-PIPF-72	URV contracts	Department of Biochemistry and Biotechnology	ROZÈS, NICOLAS	Master Fermented Beverages or Related, Bachelor OEnology, Yeasts, Lactic acid bacteria, GCMS
2019PMF-PIPF-73	URV contracts	Department of Biochemistry and Biotechnology	ARAGONÈS BARGALLÓ, GERARD	Nutrigenomics
2019PMF-PIPF-74	URV contracts (*)	Department of Biochemistry and Biotechnology	BRAVO VAZQUEZ, FRANCISCA ISABEL	Nutrigenomics
2019PMF-PIPF-75	URV contracts	Department of Mechanical Engineering	FABREGAT SANJUAN, ALBERT	Engineering, Physics, Mathematics
2019PMF-PIPF-76	URV contracts (*)	Department of Mechanical Engineering	CUESTA ROMEO, ILDEFONSO	Engineering, Physics, Mathematics
2019PMF-PIPF-77	URV contracts	Department of Physical and Inorganic Chemistry	DE GRAAF, COEN	Theoretical Chemistry
2019PMF-PIPF-78	URV contracts	Department of Physical and Inorganic Chemistry	DÍAZ GONZÁLEZ, FRANCISCO MANUEL	Applied Physics and Crystallography of Materials
2019PMF-PIPF-79	URV contracts	Department of Physical and Inorganic Chemistry	FERNÁNDEZ GUTIÉRREZ, MARIA ELENA	Inorganic Chemistry
2019PMF-PIPF-80	URV contracts (*)	Department of Chemical Engineering	FARRIOL ROIGÉS, FRANCESC XAVIER	Chemical Engineering
2019PMF-PIPF-81	URV contracts (*)	Department of Chemical Engineering	FABREGAT LLANGOSTERA, AZAEL	Chemical Engineering
2019PMF-PIPF-82	URV contracts (*)	Department of Chemical Engineering	GAVALDÀ CASADO, JORDI	Chemical Engineering
2019PMF-PIPF-83	URV contracts (*)	Department of Chemical Engineering	CONSTANTÍ GARRIGA, MAGDALENA	Chemical Engineering

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2019PMF-PIPF-84	URV contracts	Department of Chemical Engineering	GARCÍA VALLS, RICARD	Chemical Engineering
2019PMF-PIPF-85	URV contracts	Department of Chemical Engineering	SALVADÓ ROVIRA, JOAN	Chemical Engineering

(*) The call of these is subject to the application of the 4th year extension established by the new EPIPF. Consequently, the call will be abandoned if it is applied.