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**As Bolsas do European Research Council
atribuídas à ULisboa (2007-2022)**

Gabinete de Estudos e Planeamento

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1. Enquadramento

O Conselho Europeu de Investigação (European Research Council, ERC), estabelecido pela Comissão Europeia, opera de acordo com os princípios da excelência científica, ciência aberta, autonomia, eficiência, eficácia, transparência, responsabilidade e integridade da investigação assegurada pela Comissão Europeia.

Desde 2007, altura em que as bolsas de investigação ERC foram criadas pelo referido Conselho, e até à data, a Universidade de Lisboa tem tido um desempenho de excelência no panorama nacional sendo a instituição portuguesa com maior número de bolsas atribuídas.

Estas bolsas premeiam a excelência científica apoiando investigadores de elevado potencial na condução de investigação de ponta.

Elas são atribuídas a projetos altamente competitivos apresentados por investigadores em fase inicial da carreira ou já mais consolidada, independentemente da sua origem, estando já a trabalhar ou pretendendo uma mudança para a Europa, sendo o único critério de seleção a excelência científica.

2. Sumário

- Foram identificadas para a ULisboa, entre 2007 e 2022, um total de 37 bolsas ERC, representando 25% do total das bolsas atribuídas a Portugal (147) e tornando-a na instituição nacional mais premiada.
- Do total apurado, 14 são starting grants, 11 consolidator grants, 6 advanced grants, 5 proof of concept e 1 synergy grant.
- As instituições da ULisboa mais representadas são o IMM com 17 bolsas, o IST com 7 e o ICS com 5.
- No que diz respeito aos domínios científicos, 11 pertencem às life sciences, 9 às physical sciences and engineering, 9 às social sciences and humanities e 8 não se aplicam ou correspondem a domínios que não foram identificados.
- Os investigadores da ULisboa obtiveram cerca de 62 M€ em bolsas ERC.

3. As bolsas ERC atribuídas à ULisboa (2007-2022): síntese

Entre 2007 e 2022 foram atribuídas a Portugal 147 bolsas ERC distribuídas por 5 tipologias: 1) starting grants; 2) consolidator grants; 3) advanced grants; 4) proof of concept; e 5) synergy grants.

Destas, 37 foram atribuídas à ULisboa (*figura 1*) o que corresponde a 25% do total nacional e a tornam a instituição portuguesa mais premiada.

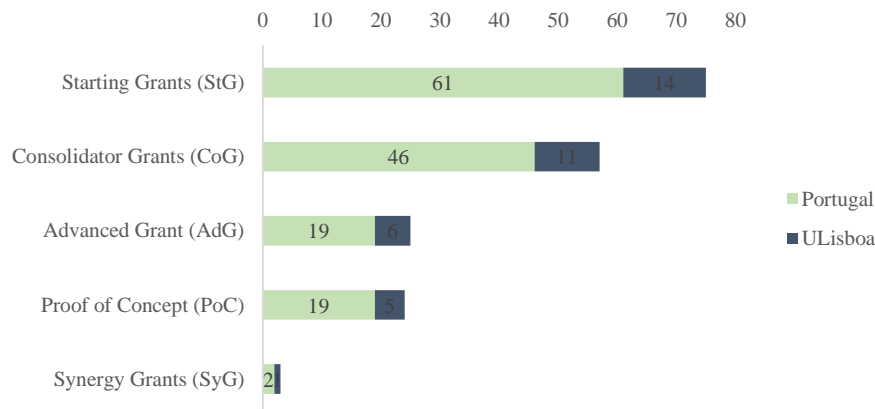


Figura 1: Nº de bolsas ERC atribuídas a Portugal e à ULisboa

Na *figura 2* é possível perceber a distribuição destas 37 bolsas por cada uma das 5 tipologias: 14 são starting grants (23%), 11 consolidator grants (24%), 6 advanced grants (32%), 5 proof of concept (26%) e 1 synergy grant (50%).

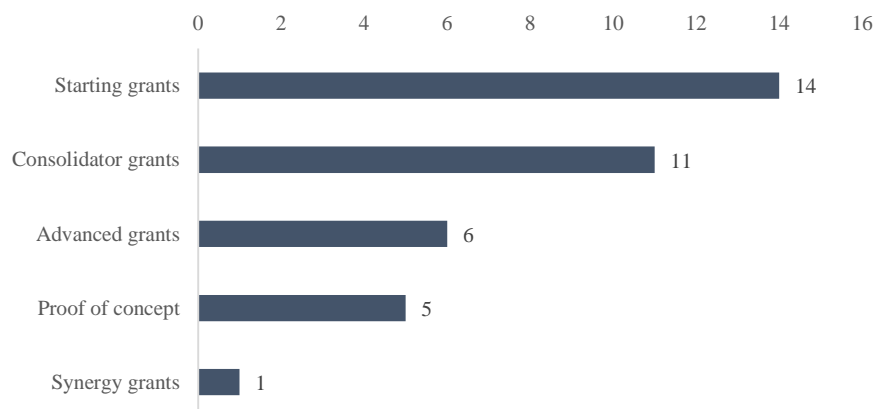


Figura 2: Nº de bolsas ERC atribuídas à ULisboa por tipologia

Na *figura 3* é possível perceber a distribuição das bolsas atribuídas à ULisboa em cada um dos 16 anos, destacando-se o ano de 2015 quando os investigadores da Universidade de Lisboa foram contemplados com 7 bolsas ERC.

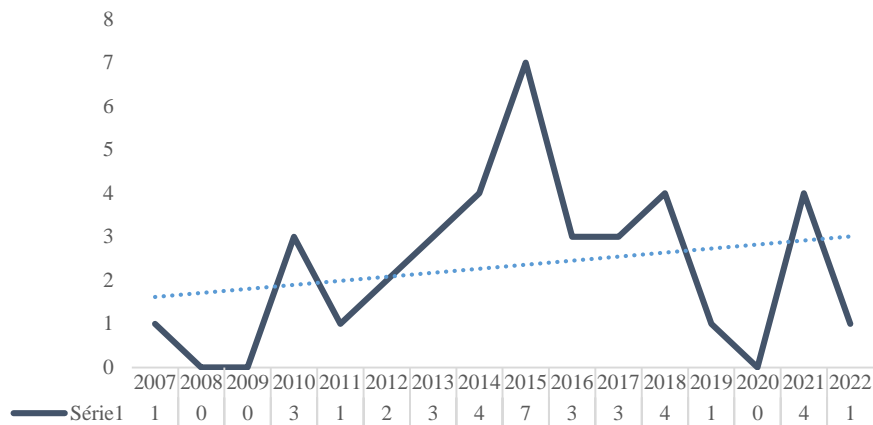


Figura 3: Nº de bolsas ERC atribuídas à ULisboa por ano

No que diz respeito à distribuição por instituições destaca-se claramente o IMM com 17 bolsas atribuídas correspondendo a 46% de toda a Universidade (figura 4). Seguem-se o IST com 7 bolsas (19%) e o ICS com 5 (14%).

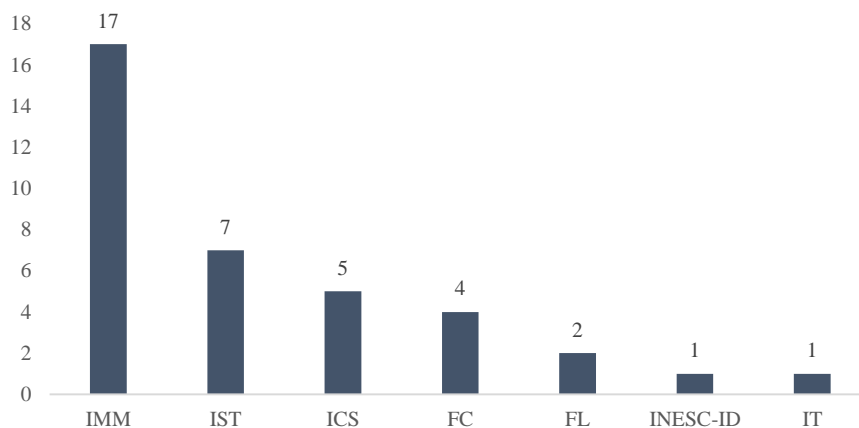


Figura 4: Nº de bolsas ERC por Escola / Instituição da ULisboa ou associada à ULisboa

Por sua vez, relativamente aos domínios científicos, destacam-se as *Life Sciences* com 11 bolsas atribuídas (figura 5) o que corresponde a 30% do total.

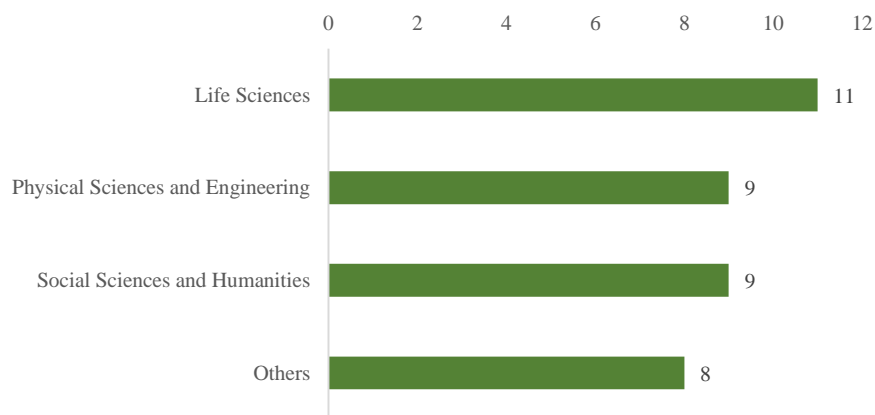


Figura 5: N° de bolsas ERC atribuídas à ULisboa por domínio científico

Nos 16 anos em análise, os investigadores da ULisboa receberam cerca de 62 M€, sendo que a maior fatia desse valor vai para as consolidator grants com cerca de 20 M€ (figura 6).

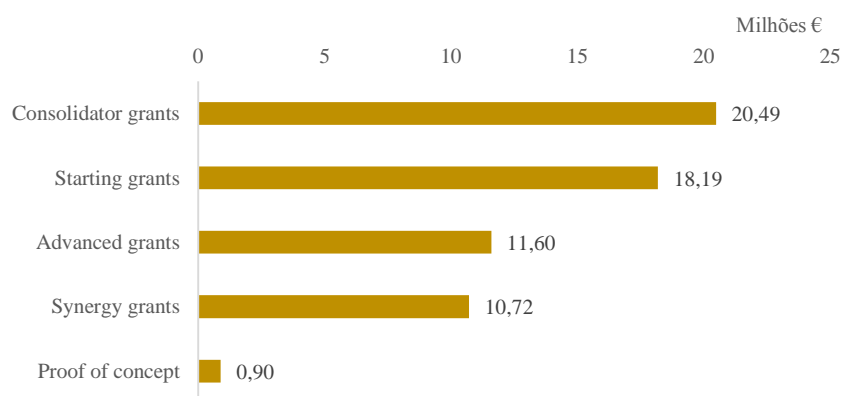


Figura 6: Financiamento atribuído à ULisboa por tipologia de bolsa ERC

Nota: No caso das synergy grants elas são atribuídas a grupos de investigadores sendo difícil de apurar o valor que cabe ao investigador da ULisboa que compõe esse grupo. Assim sendo, o valor apresentado (10,72) é o do valor total.

4. Anexos

4.1 Bolsas ERC atribuídas à Universidade de Lisboa entre 2007 e 2022

Researcher	Grant type	Year (call)	Topic	Domain	ID	EU Contribution	Call ID	Start date	End Date	Status	Host Institution	Inst.	Proj. title	Acronym
Jose Henrique Veiga Fernandes	Starting grants	2007	LS3 - Cellular, Developmental & Regenerative Biology	Life Sciences	207057	1.901.400€	ERC-2007-StG	01/11/2008	31/10/2013	CLOSED	Institute of Molecular Medicine João Lobo Antunes	IMM	Role of the proto-oncogene Ret during lymphocyte development and function	RetImmuneFunction
Luis Miguel de Oliveira E Silva	Advanced grants	2010	PE2 - Fundamental Constituents of Matter	Physical Sciences and Engineering	267841	1.588.800€	ERC-2010-AdG	01/06/2011	31/07/2016	CLOSED	Higher Technical Institute	IST	Acceleration in Extreme Shocks: from the microphysics to laboratory and astrophysics	ACCELERATES
Vítor Manuel Dos Santos Cardoso	Starting grants	2010	PE2 - Fundamental Constituents of Matter	Physical Sciences and Engineering	256667	915.000€	ERC-2010-StG	01/12/2010	30/11/2015	CLOSED	Higher Technical Institute	IST	The dynamics of black holes: testing the limits of Einstein's theory	DyBHo
Bruno Miguel De Carvalho E Silva Santos	Starting grants	2010	LS6 - Immunity, Infection & Immunotherapy	Life Sciences	260352	1.500.000€	ERC-2010-StG	01/12/2010	30/06/2015	CLOSED	Institute of Molecular Medicine João Lobo Antunes	IMM	Differentiation of pro-inflammatory T cell subsets in vivo	T_cell(s)_differ
Maria Rita Braga Marquilhas	Advanced grants	2011	SH5 - Cultures & Cultural Production	Social Sciences and Humanities	295562	1.815.857€	ERC-2011-ADG	01/04/2012	31/03/2017	CLOSED	Faculty of Letters	FL	Post Scriptum: A Digital Archive of Ordinary Writings (Early Modern Portugal and Spain)	P.S.
Rodrigo Seromenho Miragaia Rodrigues	Starting grants	2012	PE6 - Computer Science & Informatics	Physical Sciences and Engineering	307732	1.076.084€	ERC-2012-StG	01/10/2012	31/01/2018	CLOSED	INESC-ID	INESC-ID	Towards the dependable cloud: Building the foundations for tomorrow's dependable cloud computing.	DependableCloud

Maria Manuel Dias Da Mota	Starting grants	2012	LS6 - Immunity, Infection & Immunotherapy	Life Sciences	311502	1.500.000€	ERC-2012-StG	01/12/2012	30/11/2017	CLOSED	Institute of Molecular Medicine João Lobo Antunes	IMM	Nutrient sensing by parasites	ParasiteNutriSensing
Edgar Rodrigues Almeida Gomes	Consolidator grants	2013	LS4 - Physiology in Health, Disease & Ageing	Life Sciences	617676	1.968.000€	ERC-2013-CoG	01/07/2014	30/06/2019	CLOSED	Institute of Molecular Medicine João Lobo Antunes	IMM	Positioning the nucleus for cell migration and muscle fiber function	PhONICs
José Henrique Veiga Fernandes	Proof of concept	2013	Proof of concept	-	620227	149.885€	ERC-2013-PoC	01/03/2014	28/02/2015	CLOSED	Institute of Molecular Medicine João Lobo Antunes	IMM	A novel solution to efficient Haematopoietic Stem Cell regeneration	StemCell2max
Sofia Isabel Da Costa D'aboim Inglez	Consolidator grants	2013	SH2 - Institutions, Governance & Legal Systems	Social Sciences and Humanities	615594	1.262.943€	ERC-2013-CoG	01/09/2014	29/02/2020	ON GOING	University of Lisbon - Institute of Social Sciences	ICS	Gender citizenship and sexual rights in Europe: transgender lives from a transnational perspective	TRANSRIGHTS
Vítor Manuel dos Santos Cardoso	Consolidator grants	2014	PE2 - Fundamental Constituents of Matter	Physical Sciences and Engineering	646597	1.588.817€	ERC-2014-CoG	01/12/2015	30/11/2021	ON GOING	Higher Technical Institute	IST	Matter and strong-field gravity: New frontiers in Einstein's theory	MaGRaTh
João Pedro Taborda Barata	Consolidator grants	2014	LS4 - Physiology in Health, Disease & Ageing	Life Sciences	648455	1.988.125€	ERC-2014-CoG	01/09/2015	31/08/2021	ON GOING	Institute of Molecular Medicine João Lobo Antunes	IMM	IL-7/IL-7R signaling networks in health and malignancy	IL7sigNETure
Bruno Miguel De Carvalho e Silva Santos	Consolidator grants	2014	LS6 - Immunity, Infection & Immunotherapy	Life Sciences	646701	2.000.000€	ERC-2014-CoG	01/07/2015	28/02/2021	ON GOING	Institute of Molecular Medicine	IMM	MicroRNA determinants of the balance between effector and regulatory T cells in vivo	DevoTed_miR
José Henrique Veiga Fernandes	Consolidator grants	2014	LS6 - Immunity, Infection & Immunotherapy	Life Sciences	647274	2 270 000€	ERC-2014-CoG	01/07/2015	31/12/2021	ON GOING	Institute of Molecular Medicine João Lobo Antunes	IMM	Glia-derived factors in innate lymphoid cell sensing and intestinal defence	GliaInnateSensing
Luís Miguel de Oliveira e Silva	Advanced grants	2015	PE2 - Fundamental Constituents of Matter	Physical Sciences and Engineering	695088	1.951.124€	ERC-2015-AdG	01/09/2016	31/08/2021	ON GOING	Higher Technical Institute	IST	In Silico Pair Plasmas: from ultra intense lasers to relativistic astrophysics in the laboratory	InPairs

Maria Manuel Dias Da Mota	Proof of concept	2015	Proof of concept	–	713691	145.500€	ERC-2015-PoC	01/12/2016	31/05/2018	CLOSED	Institute of Molecular Medicine João Lobo Antunes	IMM	Drug Repurposing for Malaria Chemoprotection	REUSE4MALARIA
Edgar Rodrigues Almeida Gomes	Proof of concept	2015	Proof of concept	–	713612	150.000€	ERC-2015-PoC	01/10/2016	31/03/2018	CLOSED	Institute of Molecular Medicine João Lobo Antunes	IMM	A novel muscle disorders 3D in vitro system for drug screening and validation.	MUSCLEGUY
Claudio Franco	Starting grants	2015	LS4 - Physiology in Health, Disease & Ageing	Life Sciences	679368	1.618.750€	ERC-2015-STG	01/09/2016	28/02/2022	ON GOING	Institute of Molecular Medicine João Lobo Antunes	IMM	PRINCIPLES OF AXIAL POLARITY-DRIVEN VASCULAR PATTERNING	AXIALEC
Vanessa Alexandra Dos Santos Morais Epifânio	Starting grants	2015	LS5 - Neuroscience & Disorders of the Nervous Systems	Life Sciences	679168	1.300.000€	ERC-2015-STG	01/09/2016	28/02/2022	ON GOING	Institute of Molecular Medicine João Lobo Antunes	IMM	Quality Control and Maintenance of Synaptic Mitochondria	SynapticMitochondria
Cristiana Bastos	Advanced grants	2015	SH6 - The Study of the Human Past	Social Sciences and Humanities	695573	2.161.397€	ERC-2015-AdG	01/09/2016	31/08/2021	ON GOING	Institute of Social Sciences	ICS	THE COLOUR OF LABOUR: THE RACIALIZED LIVES OF MIGRANTS	COLOUR
Marina Castelo Branco da Costa Lobo	Consolidator grants	2015	SH2 - Institutions, Governance & Legal Systems	Social Sciences and Humanities	682125	1.592.859€	ERC-2015-CoG	01/08/2016	31/07/2022	ON GOING	Institute of Social Sciences	ICS	Measuring and Analysing the Politicisation of Europe before and after the Eurozone Crisis	MAPLE
Joaquim Filipe Figueiredo Alves Gaspar	Starting grants	2016	SH6 - The Study of the Human Past	Social Sciences and Humanities	714033	1.231.319€	ERC-2016-STG	01/06/2017	31/05/2022	ON GOING	FCiencias.ID	FC	The Medieval and Early Modern Nautical Chart: Birth, Evolution and Use	MEDEA-CHART
Sara Newberry Raposo de Magalhães	Consolidator grants	2016	LS8 - Environmental Biology, Ecology & Evolution	Life Sciences	725419	1.999.275€	ERC-2016-COG	01/05/2017	30/04/2022	ON GOING	FCiencias.ID	FC	Competition under (niche) construction	COMPCON
Ana Patrícia Carvalho Gonçalves	Starting grants	2016	PE1 - Mathematics	Physical Sciences and Engineering	715734	1.179.496€	ERC-2016-STG	01/12/2016	30/11/2023	ON GOING	Higher Technical Institute	IST	Hydrodynamic Limits and Equilibrium Fluctuations: universality from stochastic systems	HyLEF

André Filipe Torres Martins	Starting grants	2017	PE6 - Computer Science & Informatics	Physical Sciences and Engineering	758969	1.436.000€	ERC-2017-STG	01/02/2018	31/01/2023	ON GOING	Institute of Telecommunications	IT	Deep Learning for Structured Prediction in Natural Language Processing	DeepSPIN
Luísa Figueiredo	Consolidator grants	2017	LS6 - Immunity, Infection & Immunotherapy	Life Sciences	771714	2.000.000€	ERC-2017-COG	01/08/2018	31/07/2023	ON GOING	Institute of Molecular Medicine João Lobo Antunes	IMM	Exploring the hidden life of African trypanosomes: parasite fat tropism and implications for disease	FatTryp
Maria Dulce Alves Freire	Starting grants	2017	SH3 - The Social World and its Diversity	Social Sciences and Humanities	760090	1.467.727€	ERC-2017-STG	01/11/2018	31/10/2023	ON GOING	Institute of Social Sciences	ICS	Rescuing seeds' heritage: engaging in a new framework of agriculture and innovation since the 18th century	ReSEED
Joana Freitas	Starting grants	2018	SH6 - The Study of the Human Past	Social Sciences and Humanities	802918	1.062.330€	ERC-2018-STG	01/11/2018	31/10/2023	ON GOING	Faculty of Letters	FL	Sea, Sand and People. An Environmental History of Coastal Dunes	DUNES
Henrique Leitão	Advanced grants	2018	SH6 - The Study of the Human Past	Social Sciences and Humanities	833438	2.078.331€	ERC-2018-ADG	01/09/2019	31/08/2024	ON GOING	Faculty of Sciences	FC	Making the Earth Global: Early Modern Nautical Rutters and the Construction of a Global Concept of the Earth	RUTTER
Edgar Rodrigues Almeida Gomes	Synergy grants	2018	Synergy grants			10.715.153€	ERC-2018-SyG	01/07/2019	30/06/2025		University of Lisbon - Institute of Molecular Medicine; Francis Crick Institute (UK); Birkbeck College - University of London (UK)	IMM	Defining the role of Arp2/3 complex diversity at multiple scales of biology	ArpComplexity

Cláudio Franco	Proof of concept	2018	Proof of concept		825508	150.000€	ERC-2018-PoC	01/03/2019	28/02/2021	ON GOING	Institute of Molecular Medicine Francis Crick Institute - United Kingdom University of London - Birkbeck College - United Kingdom	IMM	Selective retention of VEGF for cancer and retinopathies therapeutics	VeCare
João Pedro Taborda Barata	Proof of concept	2019	Proof of Concept			150.000€	ERC-2019-PoC	01/01/2020	31/12/2021		Institute of Molecular Medicine João Lobo Antunes	IMM	Antibody-based IL-7R targeted therapies	IL7RsignaTHER
Vítor Cardoso	Advanced grants	2021	PE2 - Fundamental Constituents of Matter	Physical Sciences and Engineering		2.000.000€					Association of Instituto Superior Técnico for Research and Development	IST	Black holes: gravitational engines of discovery	Gravitas
Seth Holmes	Consolidator grants	2021	SH3 - The Social World and its Diversity	Social Sciences and Humanities		2.017.409€					Institute of Social Sciences of University of Lisbon	ICS	Food Circuits: Hidden Connections between Migrants and Societies	FOODCIRCUITS
Frederico Fiúza	Consolidator grants	2021	PE2 - Fundamental Constituents of Matter	Physical Sciences and Engineering		1.799.990€					Association of Instituto Superior Técnico for Research and Development	IST	Extreme Particle Acceleration in Shocks: from the laboratory to astrophysics	XPACE
Inês Regina Lopes de Mendonça Fragata Almeida	Starting grants	2021				2.000.000€					FCiencias.ID	FC	Feedback between population dynamics and evolution of interactions in a tri-trophic system	DYNAMICTRIO

João Barata	Proof of concept	2022	Proof of Concept	-	150.000€						Institute of Molecular Medicine João Lobo Antunes	IMM	A microRNA-regulated cell death-inducing gene therapy for T-cell Acute Lymphoblastic Leukemia	miRTtoTALL
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