Ficha LA - versão 2.1

A - Caracterização do LA	LA	1. Nome/Designação do LA	Translation and Innovation towards Global Health
		2. Acrónimo do LA	REAL
		3. Referência FCT	LA/P/0117/2020
		4. Coordenador do LA	Helena Canhão - helena.canhao@nms.unl.pt ; 962468920
		5. Data da atribuição do estatuto de LA	5/24/2021
		6. Webpage	
		7. Classificação FCT	80
		8. Financiamento Complementar FCT Total	€ 1,715,993.60
	Unidade de I&D Principal	1. Nome/Designação da Unidade de I&D	Comprehensive Health Research Centre
		2. Acrónimo	CHRC
		3. Personalidade jurídica	Fundação
		4. Coordenador	Helena Canhão - helena.canhao@nms.unl.pt ; 962468920
		5. Contactos gerais	geral@chrc.pt
		6. Webpage	www.chrc.pt
		7. Classificação FCT	Excelente
		8. Financiamento Base FCT Total	€ 1,716,073.60
		9. Financiamento Programático FCT Total	€ 1,716,073.60
	Outras Unidades de I&D	1. Nome/Designação da Unidade de I&D	Global Health and Tropical Medicine
		2. Acrónimo	GHTM
		3. Personalidade jurídica	Fundação
		4. Coordenador da Unidade	Miguel Viveiros
		5. Contactos gerais da Unidade	Instituto de Higiene e Medicina Tropical – Universidade NOVA de Lisboa
		6. Webpage	https://www.ihmt.unl.pt/ghtm/
		7. Classificação FCT	Excelente
		8. Financiamento Base FCT Total	€ 1,142,960.00
		9. Financiamento Programático FCT Total	€ 1,048,000.00
	Outras Unidades de I&D	1. Nome/Designação da Unidade de I&D	Laboratório de Instrumentação, Engenharia Biomédica e Física da Radiação (LIBPhys)
		2. Acrónimo	LibPhys
		3. Personalidade jurídica	Fundação
		4. Coordenador da Unidade	José Paulo Santos
		5. Contactos gerais da Unidade	Instituto de Higiene e Medicina Tropical – Universidade NOVA de Lisboa
		6. Webpage	https://libphys.pt/
		7. Classificação FCT	Muito Bom
		8. Financiamento Base FCT Total	€ 645,000.00
		9. Financiamento Programático FCT Total	€ 233,000.00
	Unidade de Gestão Principal	1. Nome/Designação	CHRC
		2. Personalidade jurídica	Fundação
	Unidades de Gestão Participantes	1. Nome/Designação	GHTM , LibPhys
		2. Personalidade jurídica	Fundação

B - Constituição da equipa de investigação do LA	N.º de investigadores integrados com PhD	8	
	N.º de ETIs integrados		
	N.º de técnicos	0	Nome; contactos (e-mail, telefone)
	N.º de doutorandos	180	
	N.º de outros colaboradores com PhD	172	
	N.º de outros colaboradores sem PhD		
C - Missão do LA	1. Mission Statement/Objetivos principais		
D - Áreas Científicas	1. Área Científica 1	Medical and Health Sciences - Clinical medicine	
	2. Área Científica 2	Medical and Health Sciences - Health sciences	
	3. Área Científica 3	Medical and Health Sciences - Medical biotechnology	
	4. Área Científica 4	Engineering and Technology Sciences - Medical engineering	
	5. Área científica 5		
E - Palavras-chave	1. Palavra-chave 1	Global Health	
	2. Palavra-chave 2	Public Health	
	3. Palavra-chave 3	Translational Medicine	
	4. Palavra-chave 4	Digital Tranformation	
	5. Palavra-chave 5		

F - Linhas Temáticas	1. Linha Temática 1		
		1. Designação da LT	**Thematic Line 1:** Health Promotion through Life Course, Health Trajectories and Transitions, Behavioural Insight and Inequalities
		2. Coordenador da LT	Sónia Dias
		3. Contactos do Coordenador	sonia.dias@ensp.unl.pt
		4. Descrição da LT	Challenges: According to Horizon Europe Agenda (2021-2027), people in vulnerable stages of life (perinatal, birth, infancy, childhood, pregnancy and late adulthood), including people with disabilities or injuries, have specific health needs that require better understanding and tailored solutions, taking gender and ethical aspects into consideration. The follow up of these group of people, in all phases of their lives, will allow reducing related health inequalities and improving health outcomes to the benefit of active and healthy ageing throughout their life course, including through a healthy start of life and diet reducing the risk of mental and physical diseases later in life. Scope and activities: This thematic line, using a socioecological approach, will provide evidence on the multiple complex determinants that influence health behaviours and lifestyles, with strong impact on health of populations across life cycle. The main goal is to promote better health and reduce social and health inequalities around the world, with special attention on those who usually are left behind. The work will be based on several ongoing funded projects (e.g. Horizon 2020, FCT, DGS, Amgen International grant, EEA grants, AAL) and new proposals to develop
	2. Linha Temática 2	1. Designação da LT	New therapies, biomarkers and personalized medicine in high burden and high mortality diseases
		2. Coordenador da LT	Pedro Póvoa
		3. Contactos do Coordenador	pedro.povoa@nms.unl.pt
		4. Descrição da LT	Cardiovascular, respiratory, musculoskeletal, mental, infectious diseases, sensation and hearing disorders ones of the most disabling disorders worldwide. REAL will be an enabler for the development of new biomarkers and therapies towards a personalized medicine in high burden and high mortality diseases. Several of these chronic diseases occur in clusters and have been related with premature death and high health service consume. Despite the increasing number of patients with multimorbidity, the delivery of care is usually built around single diseases. While health systems and health providers are mostly disease oriented, focused on acute hospital care and fragmented, the concept of multimorbidity is patient-centred. Despite the increasing number of patients with multimorbidity, the delivery of care is usually built around single diseases. In this thematic line, it is important to refer the challenge related to provide clinical evidence on infectious diseases with high lethality where the main scope has been to prevent exposure to the infection agent (healthcare-associated infections, neonatal transmission) and to better understand the pathophysiology of infectious diseases, exploring the interaction between infectious agent and host (understanding the genetic diversity of human pathogens and the host´s response). Scope and activities: The non-communicable diseases mentioned above pose a major health and societal challenge and call for improved understanding and taxonomy, as well as more effective approaches, including personalized medicine approaches, in prevention, diagnosis, monitoring, treatment, rehabilitation and cure as well as understanding of multimorbidities.
	2. Linha Temática 3		
	(adicionar outras, se necessário)	1. Designação da LT	Global health in One Health
		2. Coordenador da LT	Miguel Viveiros
		3. Contactos do Coordenador	MViveiros@ihmt.unl.pt
		4. Descrição da LT	Health issues are central to the sustainable development agenda to end poverty, protect the planet, and ensure prosperity for all. This global agenda encompasses complex challenges that require new/improved tools and inter/transdisciplinary approaches. Within this framework, this Thematic Line "Global Health in one Health" will produce knowledge on global health and medicine, develop tools and strengthen health systems through excellence in research, training and systems implementation. In frame with the United Nations Sustainable Development Goals, REAL vision is to produce knowledge in global health using precision public health methods, integrating different levels, from biological to social, with a population-based approach to advancing health and health equity. Scope and activities: REAL expertise is transdisciplinary and our research plan aims to develop scientific research and train professionals with knowledge and capabilities of autonomous research and intervention on Global Health and with a comprehensive view of Public Health to (i) foster the analysis and interpretation of scientific wet and dry biological and epidemiological data to improve the health and well-being of the populations; (ii) to strength fragile health systems and (iii) solve health problems in poverty and/or limited resources contexts, contributing to a sound body of knowledge on the health status and health systems.
	2. Linha Temática 4		
	(adicionar outras, se necessário)	1. Designação da LT	Health policies, universal coverage, patient-centered and efficient healthcare
		2. Coordenador da LT	Julian Perelman
		3. Contactos do Coordenador	JPerelman@ensp.unl.pt
		4. Descrição da LT	Challenges: The COVID-19 crisis and before other health and economic crisis and the weak definition of policies lead Health Systems to spend scarce resources worse and generate serious problems and inequalities in access, lacking strategic vision and capacity to execute the indispensable organizational reforms. Scope and activities: REAL expects to be in the first line in the evaluation of innovative reforms, leading to original scientific publications to be published in top-reference scientific journals. Also, its positioning at the intersection between research and counselling, i.e., the development of robust evidence and the use of evidence to develop concrete solutions to concrete problems, is expected to be a strength to obtain projects and funding.
	2. Linha Temática 5		
	(adicionar outras, se necessário)	1. Designação da LT	Digital health, Medtech, Health technology assessment and access to the market
		2. Coordenador da LT	José Paulo Santos
		3. Contactos do Coordenador	jps@fct.unl.pt
		4. Descrição da LT	Challenges: Digital health solutions are creating many opportunities to solve the problems of care services and to address other emerging issues. Health technologies and tools are vital for public health, contributing daily to improvements in people's quality of life, health, and care of people. Full advantage should be taken of the opportunities that digitalisation in health and care can provide without exposing the right to privacy and data protection. Conscious that digital technologies are also increasingly used in medical training and education, REAL intends to act on these same axes over the next few years. Scope and activities: The research and innovation activities of this thematic line will develop the knowledge base, exploit existing knowledge and technologies, consolidate, and create the research and innovation capacity in this emergent area.