

2021

Management Report

CHRC.

COMPREHENSIVE HEALTH
RESEARCH CENTRE

NOVA MEDICAL SCHOOL



Escola Nacional
de Saúde Pública

UNIVERSIDADE NOVA DE LISBOA



UNIVERSIDADE
DE ÉVORA



LISBON INSTITUTE
of Global Mental Health



HOSPITAL DE SANTO ESPÍRITO
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EXECUTIVE SUMMARY

Comprehensive Health Research Centre (CHRC) is a new, national centre of excellence providing a unifying environment for innovation and education in public health, lifestyles, nursing, rehabilitation, and clinical research.

CHRC gathered in 2021 a total of 180 integrated PhD Researchers, 87 PhD students, and 47 integrated non-PhD researchers and technicians. CHRC grew in the number of people involved, presenting an increase of 34,7% in integrated PhD researchers and 45% in PhD students.

Regarding scientific impact indicators in 2021, CHRC presented a total of 578 publications. More than a half of this number (294) are scientific articles published in high-impact journals. This figure represents an increase of 12% in Q1 and Q2 publication.

The CHRC PhD integrated researchers are involved, as principal investigators or participants, in 122 national and international projects, equivalent globally to more than 68M € (more 63% than the previous year).

Integrated members of the CHRC are involved with several networks and working groups, as well as been performing numerous activities initiatives, actions, and activities in collaboration with international consortia, at European and global levels, related to all CHRC thematic lines.

In 2021, CHRC researchers keep and improved their participation civil societies or scientific organizations, carried out many activities that contribute to disseminating scientific knowledge in civil society, and provided services to the community.

CHRC has defined its strategy around three main strings: platforms for technical and administrative assistance, platforms for scientific support and training, and annual structural initiatives. In 2021 all of these initiatives were in place and fulfilling their mission supporting CHRC researchers and is promoting the enhancement of collaborative and interdisciplinary research for better outcomes in health.

1. STRATEGIC EXECUTION

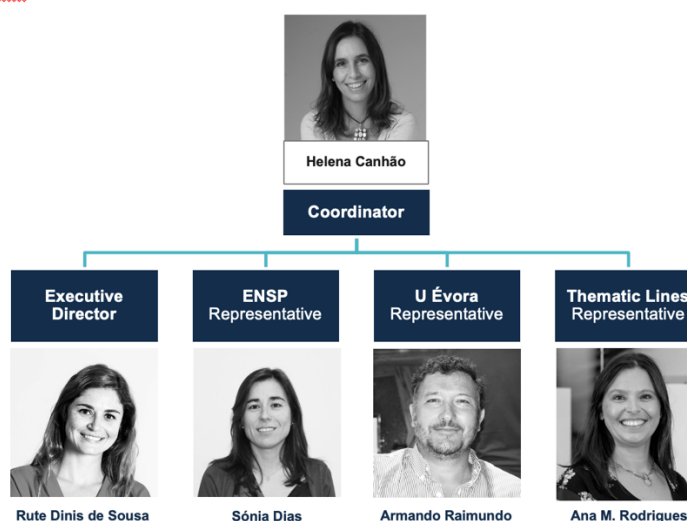
CHRC is committed to producing innovative, preventive, and treatment strategies and healthcare delivery based on robust evidence to improve individual and public health, around five principal fields: I) Health promotion, II) Lifestyles in healthcare, III) High burden and high mortality diseases, IV) Health policies and healthcare services research, and V) Health innovation.

Thematic lines



CHRC was established to capacitate researchers and give them all means necessary to provide the best multidisciplinary environment to achieve the best outcomes. To pursue this broad objective, the CHRC strategy was designed by its Executive Committee:

CHRC Executive Committee



CHRC strategy is grounded on three strings:

1st) Platforms for technical and administrative assistance

Platforms for technical and administrative assistance



Executive and Management Office



Funding Office



Communication Office

- **Executive and management office**

Aims: To manage day-to-day operations, coordinate and manage technical and administrative teams; control costs; prepare regular performance reports; supervise communication and dissemination initiatives and implement best management practices; develop and disseminate the Unit's strategy and mission to all members and technical and administrative teams, and promote fundraising.

- **Funding office**

Aim: To boost researchers fundraising by helping them to know and prepare proposals for applying for national, international, and structural funding.

The Funding Office (FO) was created to help CHRC researchers fundraise for their projects, by increasing their chances to get highly competitive R&D funding, either at the national or international level, in all the thematic lines of CHRC. Starting in July 2021, the FO was composed of three elements distributed by three institutions of the consortium: NOVA Medical School (NMS), National School of Public Health (ENSP), and Évora University (UÉVORA).

Since its beginning, the FO had a series of activities. After a first phase of defining the rules and regulations by which the FO must work, the next phase was dedicated to Training, Communication, and supporting project applications.

Regarding Training, the members of the FO were present at 30 online workshops about different opportunities for project funding in research (organized by the European Commission, ANI, AICIB, PIC, among others) but also offered 2 thematic workshops to the CHRC researchers (namely “Coffee Break with Funding”): one on how to develop a Horizon Europe application in the Health cluster, and another about Open Science e Data Management procedures. We also made 2 public presentations to present the FO to the CHRC researchers.

Concerning Communication, the FO sent 12 emails with funding opportunities regarding all areas of health and well-being and created 5 videos for later publication on CHRC’s website. We have also written 10 supporting documents to help researchers and are now stored in the private area of the CHRC’s website.

The main core activity of the FO is fundraising, and so far we have submitted six applications to national projects (FCT bilateral cooperation, FLAD, MAPFRE and LA Caixa) and ten applications to Horizon Europe in different typologies, in consortium with several countries (Research Innovation Actions, Widening and Marie Skłodowska-Curie Actions). In 2021, CHRC researchers had submitted 42 intentions of applications to the FO, and from those, the FO has supported 31 (the difference corresponds to intentions that were withdrawn by the researchers for various reasons).

FO indicators’ summary:

2021	INDICATOR (1/07/2021 - 31/12/2021)		PLANNED	EXECUTED
Workshops	Coffe Break with Funding		2	2
	Courses		0	0
	Workshops attended		30	30
	Public presentaions		2	2
Dissemination	Dissemination by email		12	12
	Videos		5	5
	Documents in private area		10	10
Projects	National	FCT	0	0
		FCT bilateral cooperation	1	1
		Portugal 2030	0	0
		La Caixa research	6	2
		CEEIC	0	0
		EEA Grants	0	0
		Mapfre	1	1

	FLAD	2	2	
	La Caixa Promover	1	0	
	La Caixa Observatory	1	1	
	Total	11	6	
International	Prestações de serviço	0	0	
	Horizon Europe	13	7	
	Erasmus +	1	0	
	Interreg	0	0	
	COST action	0	0	
	European Research Council	0	0	
	Marie Skłodowska-Curie Actions	1	1	
	Widening Participation	3	2	
	EIT Health	1	0	
	EU4 Health	1	0	
	Total	20	10	
	Support documents	Project support	7	7

- **Communication office**

Aims: To ensure the communication and dissemination of information between the management units of CHRC, and all external stakeholders – partners and peers from scientific community, as well as civil society.

During 2021, CHRC manage to build up and launch CHRC website – www.chrc.com. Communication Office of CHRC had a first trial kick off on June 2021, and was reformulated in December the same year

Being a nationally scattered R&D unit, the office first major goal was to connect all CHRC integrated researchers from all five management institutions regarding research and other activities being developed by the R&D unit.

Researchers had access to the major work and projects that were being developed inside the scope of CHRC, and it was provided to them a better connection to support offices. This office was an important key to kick-off the construction of a 360° network, which is a crucial goal for the research centre.

2021 first outcome from Communication Office was the “building” of several digital channels to transfer information about CHRC to its researchers and other stakeholders and planning all the communication outputs involving important data and information inside CHRC network.

The Communication Office started to upgrading the website tools and pages to better serve the visitors as well to generate content to keep our researchers informed about CHRC events

and news. Social channels accounts were opened to distribute and share the CHRC content/news/events to guarantee the “spread of word” and visits to the website.

- CHRC website – online 19th November 2021

The starting point of the site visits reveal that nearly half of the visits were made via the direct link from the website: <https://chrc.pt>

More than half of the visits had as starting point the organic search through search tools and through the social networks of the CHRC

The direct access to the site and the access through organic search is responsible for the largest number of visitors and sessions in the CHRC site. This conclusion is proven with the majority of accesses made through the homepage.

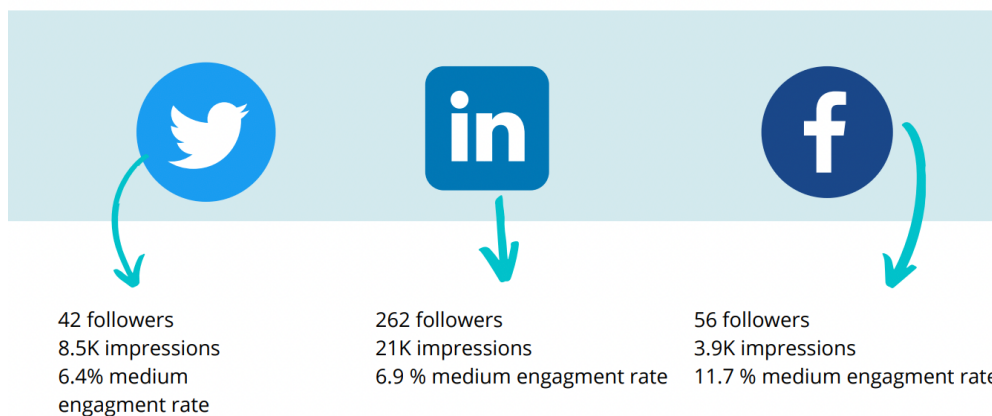
To sustain this increase in visits, the articles published on the website are also the responsible means of entry to the site, especially when they are disclosed in the social networks of the CHRC and partners.

The average duration of sessions on the website, within the period of this report is currently at 00:02:00.

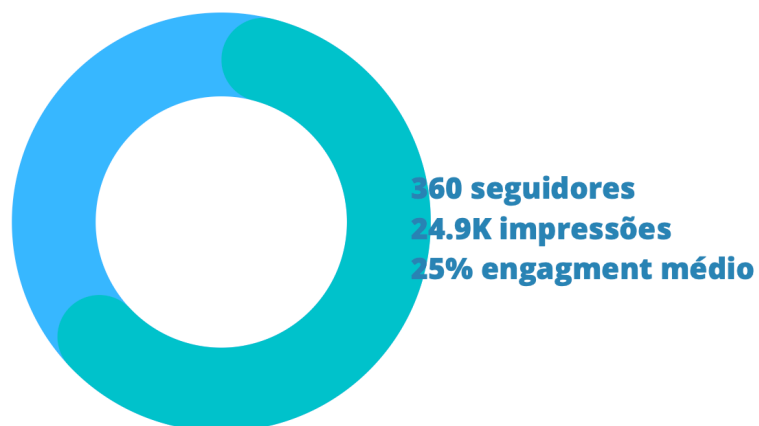
Site CHRC



- Social networks: LinkedIn, Twitter and Facebook – operating 14th December 2021



Redes sociais CHRC



2nd) Platforms for scientific support and training

Platforms for scientific support and training



**Center of Education
and Training**



**Methods and Data
Analysis Office**



CHAIN Biobank

- **Centre of training and education**

Aims: To support the creation of teaching and advanced training opportunities for researchers and students at the CHRC.

In 2021, the Centre of Education and Training established its priorities for the current triennium. It will develop an online, on-demand “orientation course” for researchers and collaborators of the CHRC. The course goals are to give new staff knowledge about

organization of CHRC, presentation of selected members, ethical duties of members, available equipment, software and other resources, and ongoing initiatives. It will also start a process of brainstorming training needs so it can organize training that best helps researchers and staff to thrive in their work. During the next three years it will work with partner institutions to make it easier for mutual recognition of MSc and PhD courses among partner institutions.

■ **Methods and data analysis office**

Aims: To assist with quantitative and qualitative methods of data analysis;

In 2021, the Methods and Data Analysis Office was dedicated to setting up the office structure and work model. We surveyed researchers and research groups to identify the most commonly used methodological approaches and to map their training needs regarding data collection and data analysis techniques.

The Office supported 23 CHRC research projects in the design, planning, data analysis, and/or dissemination of findings. Of these, 4 projects had a more comprehensive support in several stages of the research. Furthermore, the Office launched the “Meet the Methods” meetings, and the Methodological Workshops, with a training of 19 researchers on qualitative data analysis with MaxQDA. The members of the Office also developed occasional lecturing activities in MSc and PhD methods courses and, more systematically, planned and prepared the pedagogical materials for the quantitative and qualitative methods courses of the CHRC PhD program “Well-being, Health Sciences and Technologies”.

■ **Biobank**

Aims: to support biomedical research, addressing all its facets, such as prevention, diagnosis, treatment, and monitoring of specific characteristics of a disease.

The CHAIN Biobank began in September 2020, with the hiring of a responsible researcher, acquisition of equipment, consumables and appropriate software. The first months were dedicated to the creation of Standard Operation Procedures, the establishment of services provided and a business model. It held several communication actions:

- Core methodologies of Research: Biobanks. Nova Medical School doctoral program. Oral presentation 5 January 2021.
- *Comprehensive Health Biobank*. Retina Interest Group 2nd Virtual Meeting. Oral presentation: 9 January 2021.

- *The implementation of CHAIN BIOBANK at NOVA Medical School.* Encontro Ciência '21. Oral presentation, 28-30 June 2021.
- *FIC.A Festival Internacional de Ciencia, Oeiras 12 October 2021.*
- Pre-analytical phase of biobanking, CEDOC casual Friday seminar, 29 October 2021.
- 2nd Annual Summit-CHRC. Biobank Workshop 18 November 2021.
- Core methodologies of Research: Biobanks. Nova Medical School doctoral program. Oral presentation 30 November 2021.

Also, it cooperated with Biobank.pt network in organizing the webinar “Registers and Biobanks in Transition (RABBIT) by EIT Health Scandinavia, 26 January 2021.

The responsible researcher, complemented her training, assisting to a training course regarding pre-analytical phases of biobanking (BBMRI-ERIC QM Academy):

-Part 1: Phlebotomy (13/10/2021)

-Part 2: Sample Fractionation (20 October 2021)

-Part 3: Science behind the pre-analytical phase, quality assurance schemes in biobanking (27 October 2021)

This was accredited by EACCME® with 6 European CME credits (ECMEC®s): EUROPEAN UNION OF MEDICAL SPECIALISTS, The European Accreditation Council for Continuing Medical Education.

Biobank was also involved in developing a proposal submitted to PRR- Plano de Recuperação e Resiliência in September 2021: Biobank IVD: The objective of this project is to use our expertise in biobanking to offer services specifically tailored for the needs of the IVD industry in compliance with newly developed EU standards providing tools to ensure quality, fitness-for-purpose, robustness, and reproducibility in biobanking activities in relation to IVD, where the biological samples must meet specific quality criteria and standardization of biobank processes to achieve reliable results.

In November 2021, CHRC Biobank was approved as a Member of the COST action (BenBedPhar) CA20121, initiated in 2021 that aims to build a strong network of excellence in non-communicable diseases (NCDs). The participation of biobanks.

In December 2021, “*The role of biobanks in the fight against COVID-19 pandemic: the Portuguese response*” manuscript was submitted to Acta Medica Portuguesa.

3rd) Annual structural initiatives



Annual structural initiatives

- **CHRC Research Grants**
- **CHRC Annual Summit**
- **Financial support for scientific publication**
- **CHRC PhD scholarships tenders**

- **CHRC Research Grants** is a yearly initiative awarding collaborative and multidisciplinary projects, with a total endowment of 320,000 €;

In 2020, two collaborative projects were awarded with the amount of 40.000€/each. Projects “PROOF- PReventing OsteoporOtic Fractures” and “COVID-19 pandemic: the social distance at the school playground and its effects on children’s social-emotional competence and physical activity” are still ongoing and will be concluded by the end of 2022.

In 2021, three collaborative and multidisciplinary projects proposed by integrated members of the CHRC were awarded the amount of € 80,000. The call for proposals was launched in May, with a specific regulation that can be consulted. The jury was composed of 5 elements external to the R&D unit. The results were as follows:

1st - Reforming the reform: an evidence-based financing model for the Portuguese primary care (REF2PRIM) - 30.000€

2nd- The effects of whole-body vibration (WBV) on the management of osteoporosis in early menopausal women - 25.000€

3rd- KneeCare@Home: Home exercise-based rehabilitation program following surgical reconstruction of the anterior cruciate ligament - 25.000€

- **CHRC Annual Summit** aims at enhancing communication between members and management units to boost and promote clinical, public health, and health services research of a collaborative and multidisciplinary character;

The second CHRC Annual Summit was planned to take place online on 19th November and in face-to-face on 20th November, in the city of Évora.

Unfortunately, the covid-19 infection situation prevented the work from taking place in person, so the first day of the online summit was kept. The second day of the summit was postponed and is scheduled for May 13, 2022.

On the 19th November, online, there were 96 different participants throughout the afternoon, 63 participants simultaneously in the top share. Regarding international participation, there were participants from Brazil and the Netherlands. There were 12 speakers involved in 9 communications in total. The complete program can be consulted here: <https://www.chrcam.uevora.pt/programa/>

- **Financial support for scientific publication**, with the main objective of stimulating the scientific production of the integrated members, CHRC financially support the payment of the papers' publication costs. The general guidelines for this support regarding authorship and affiliation are that the body of authors must include, at least, two integrated members of the CHRC; Or the body of authors must include only one integrated member of the CHRC, within an international consortium of authors; The first or last author of the article should be a full member of the CHRC. Regarding the scientific journals, the article must be published in Q1 or Q2 journals in their respective areas.

In 2021, NOVA Medical School supported the payment of 8 paper publications, National School of Public Health paid for 14, Évora university supported 5, and Lisbon Institute of Global Mental health payed the publication of one paper.

- **CHRC PhD scholarships (15 positions)** within CHRC management institutions and thematic lines, funded by FCT, IP.

So far, a total of 12 PhD scholarships was awarded to PhD students included in different doctoral programmes: Doctoral Programme in Public Health, Global Public Health, Health Sciences, Human Kinetics, and Health and Wellbeing Sciences and Technologies.

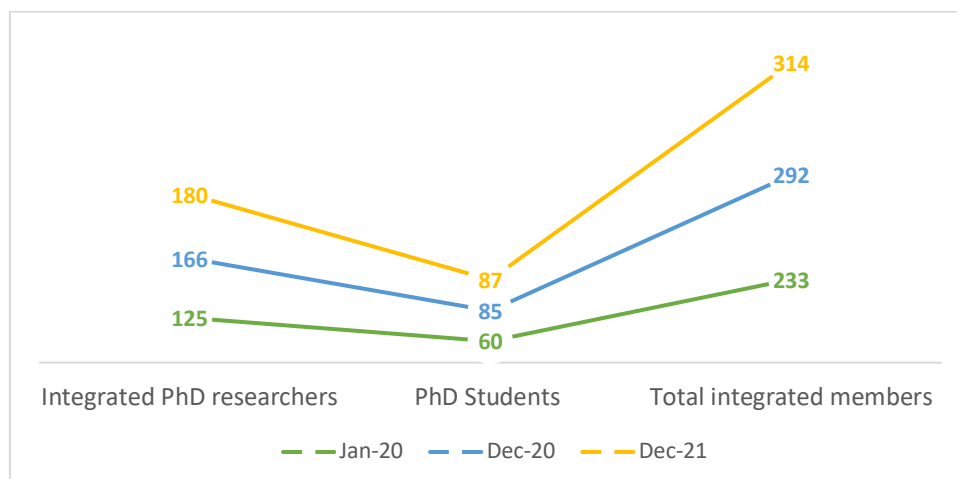
2. CHRC PEOPLE



Up to December 2021, CHRC gathered a total of 180 integrated PhD Researchers, 87 PhD students, and 47 integrated non-PhD researchers and technicians. In addition, as a result of the potential and work developed within CHRC, 87 researchers, integrated in other national research units, joined the CHRC as collaborating members.

In January 2020, the official starting date of the CHRC, members numbers were as follows: 125 integrated PhD researchers, 60 PhD students, 48 integrated non-PhD researchers and technicians, and 47 collaborating members.

A comparison exercise between the beginning of CHRC and December 2021 shows that CHRC grew in number of people involved, presenting an increase of almost 35% in integrated PhD researchers and 45% in the number of PhD students.



2.1. People by management institutions



3. SCIENTIFIC INDICATORS

3.1. Publications

In 2021, CHRC presented a total of 578 publications. More than a half of this number (294) corresponds to scientific articles published in high impact journals (Q1 or Q2 - SCOPUS index).

CHCR researchers published 58 Articles in peer-reviewed journals Q3 and Q4 (SCOPUS index), and 53 articles in other journals (not indexed). Regarding books, book chapters and other publications, CHRC registered 173 existences.

578

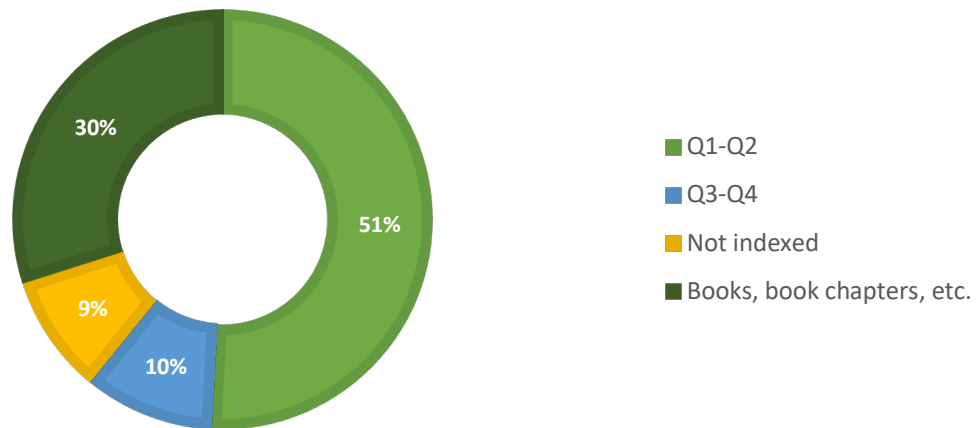
Publications i.e., papers, books, book chapters, etc.

294

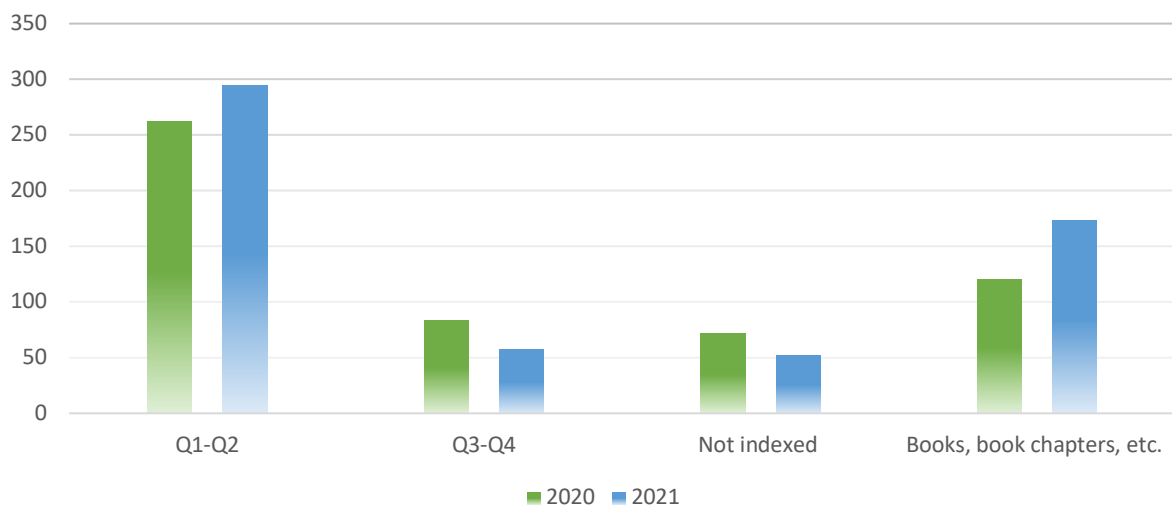
Papers published in high impact journals (Q1, Q2)

↑ 12%

PUBLICATIONS 2021



PUBLICATION COMPARISON 2020-2021



3.1.1. Articles in peer-reviewed journals - SCOPUS index - Q1 and Q2¹

ⁱ You can check the journals' quartile [here](#).

TOTAL: 294

A

A pilot study on the metabolic impact of mediterranean diet in type 2 diabetes: Is gut microbiota the key?
 Ismael, S., Silvestre, M. P., Vasques, M., Araújo, J. R., Morais, J., Duarte, M. I., Pestana, D., Faria, A.,

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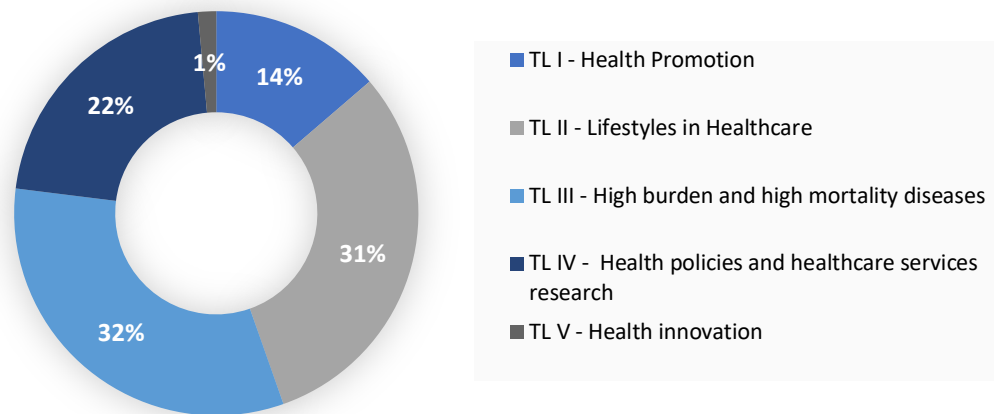
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W

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3.2. Funded projects active in 2021 (national and international)

The CHRC PhD integrated researchers are involved, as principal investigators or participants, in 122 projects, equivalent globally to more than 68M €. This represents an increase of total amount of funding of 63%.

122

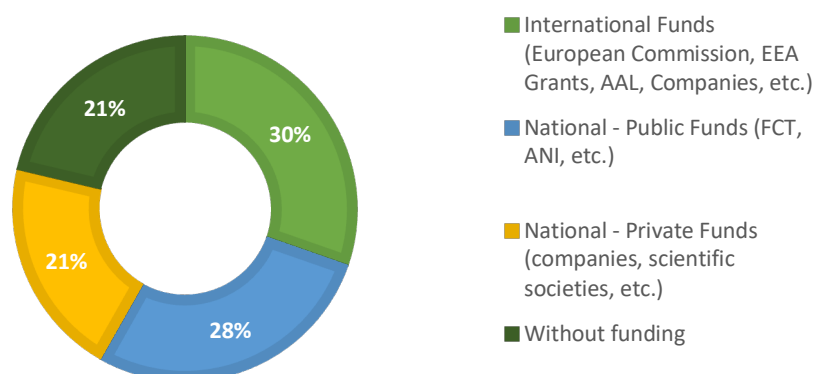
Active projects

€68 291 567,59

TOTAL AMOUNT OF FUNDING ↑ 63%

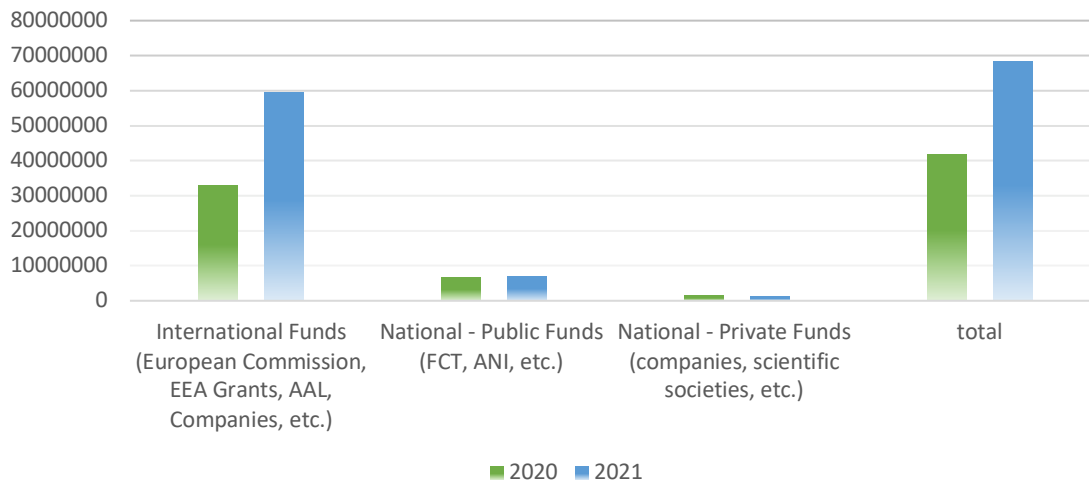
Research projects' total funding is distributed by source of financing as follows:

PROJECTS DISTRIBUTED BY SOURCE OF FINANCING



Comparing projects distributed by source of financing between 2020 and 2021:

COMPARISON PROJECTS DISTRIBUTED BY SOURCE OF FINANCING (2020 AND 2021)



Project Title	Funding entity	Amount of funding
4iE+ Interreg 2020-2023 Projecto POCTEP – Envelhecimento ativo (efetividade e segurança da terapêutica em idosos).	International - Interreg - EC	
4IE+/0499_4IE_PLUS_4_E	International - Interreg - EC	€ 1 248 214,90
A		
ALT20-03-0247-FEDER-113469 - Bioss EnSores multTifuncionais a integrar na prática clinica e capacitação da pessoa com diabetes	National - P2020	
ALTERNATIVA - Alternative protein sources in the European diets	International - European Food Safety Authority	
an evidence-based financing model for the Portuguese primary care (REF2PRIM)	National - FCT - CHRC	€ 25 000,00
ALAN - Adherence on Low bAck paiN recommendations - an impact analysis using EpiDoC Cohort	National - SPR	€ 5 000,00
Alentejo Region Applied Research for COVID-19	National - P2020	€ 300 000,00
análise do impacto da pandemia de COVID-19 em profissionais de saúde hospitalares.		
Assessing emerging zoonotic disease as threats in ecosystems the case of Montado and Hepatitis E	National - FCT	€ 9 000,00
ASUMIE – Additional support and Mediated learning in Inclusive education/ 2020-1-BE02-KA201-074751	International - Erasmus+	

Avaliação das principais preocupações da pessoa com doença renal crónica na gestão da doença, impactos na vida do dia-a-dia e principais constrangimentos no acesso aos cuidados de saúde / CONCORDIA DRC	National - Astrazeneca	€ 125 000,00
Avaliação do Projeto de Prescrição Social em Unidades de Saúde Familiar em Lisboa	National - CML	
B		
B-active an integrative interactive platform for children with rheumatic diseases.	National - SPR	€ 5 000,00
Bench to bedside transition for pharmacological regulation of NRF2 in noncommunicable diseases/ CA20121	International - EC - COST	
BEST - BiosEnSores multifuncionais a integrar na prática clínica e capacitação da pessoa com diabetes	National - ANI	€ 1 082 321,46
C		
CA18218 – European Burden of Disease Network.	International - EC - COST	
Critical Thinking for Successful Jobs, 2020-1-EL01-KA203-078797	International - EC	€ 390 438,00
CHILI - A Community-based HPV screening Implementation in Low-Income countries	International - EC - H2020	€ 2 999 688,75
Chronic Obstructive Pulmonary Disease (COPD) management - constraints in patients follow-up and mitigation strategies	National - Astrazeneca	€ 14 700,00
Concilia.UE- Promover e Desenvolver a Conciliação da Vida Profissional, Pessoal e Familiar na Universidade de Évora / POCI-05-5762-FSE-000323	National - COMPETE 2020	130082,84 €
Congenital CMV disease and infection in a sample of portuguese newborns outcomes and relation with maternal serologic status/ IIS#59301	International - MSD	€ 31 000,00
Contribution to the study of epidemiological factors associated with sensorineural hearing loss in the population of São Tomé and Príncipe	National - CUF	€ 20 000,00
Cost action CA19113 - The European Researchers' Network Working on Second Victims.	International - EC - COST	
COVID-19 pandemic the social distance at the school playground and its effects on children's social-emotional competence and physical activity / CP/312/DD/2018	National - FCT	€ 40 000,00
D		
Dos sintomas ao diagnóstico de Tuberculose em contexto urbano, considerando fatores individuais e contextuais. Quais são os pontos críticos desta demora?" (PTDC/SAU-PUB/31346/2017)	National - FCT	€ 228 602,70
Determinantes, barreiras e facilitadores da utilização de biossimilares	National - APOGEN	€ 5 963,00

DIAGNÓSTICO DOS CUIDADORES INFORMAIS	National - APPACDM	€ 20 000,00
DSAIPA/AI/0094/2020 - CardiofollowAI	National - FCT	€ 239 693,60
E		
Early detection of cervical cancer in hard-to-reach populations of women through portable and point-of-care HPV testing (ELEVATE).	International - EC - H2020	€ 3 301 990,00
earlyMYCO (PTDC/MED-TOX/28762/2017). Early-life exposure to mycotoxins and its impact on health	National - FCT	
EasyHealth4Covid	National - P2020	€ 390 054,34
EEGaitPos - Imagiologia cérebro-corpo em mobilidade (MoBI) para a investigação da relação entre dinâmica cortical e biomecânica na marcha e postura / PTDC/SAU-DES/2215/2021	National - FCT	€ 209 052,15
Effectiveness and implementation of a self-management programme to prevent recurrences and long-term disability and promote musculoskeletal health in Low Back Pain patients - "My Back"	National - FCT	€ 249 689,80
Effects of a High-Intensity Interval Training program integrated in High-School Physical Education classes, on Physical Condition, Physical Activity and Motivation for Exercise	National - FCT	
Endocrine disruptors and menopause	National - SPE	€ 10 000,00
EPICOUGH.PT - Multidisciplinary functional evaluation of cough	National - MSD	€ 60 000,00
EquityCancer-LA - Improving equity in early diagnosis of cancer - implementation research in different healthcare systems of Latin America	International - EC - H2020	
ERASMUS+ - KA2 (Projecto 2020-1-BE02-KA201-074751)	International - Erasmus+	€ 389 788,00
ETHICHO - "Coreografias ético-ontológicas	National - FCT	
EU-RESPONSE (Discovery Trial) GA - 10105736	International - EC - H2020	€ 15 700 000,00
Evaluation of the main concerns of people with type 2 diabetes mellitus regarding disease management and medical consultation – CONCORDIA DM2	National - AstraZeneca	€ 114 000,00
Experienti@ - Exchanges and mobility in sport	International - EC	€ 199 785,00
Exploring B-cells in pregnancy old players, new functions	National - Hosp Luz	€ 40 000,00
ExpoGreen	International - EEA Grants	€ 15 000,00
Exposição profissional ao amianto e mesotelioma maligno da pleura em Portugal		

F			
Father's presence in pregnancy surveillance			
FastTrak Covid	National - P2020	€	400 000,00
Fatores morfológicos preditivos para a prescrição de dispositivo de avanço mandibular na abordagem terapêutica da síndrome de apneia obstrutiva do sono.			
Finnee - From spectra to formulas/PTDC/CCI-BIO/29702/2017	National - FCT	€	235 026,42
Fostering and Strengthening Approaches to Reducing Coercion in European Mental Health Services” (FOSTREN)	International - EC - COST	€	34 500,00
FrailcareAI	National - FCT	€	250 000,00
G			
G6PD deficiency and possible association of hearing loss or absence of speech in São Tomé and Príncipe	National - Tagustank	€	20 000,00
H			
Healthy lifestyle or pro-health obsession during the pandemic – a multinational study (2020-2021) Projeto “Psychological COPING with COVID-19 under the use of Health Cube” (2020-2021, decision EC/University of Gdansk 30/2020),	International - DPFA ACADEMY, LEIPZIG, GERMANY		
HBM4EU - Estudos Ocupacionais em Portugal	International - EC	€	40 000,00
HBM4EU - European Human Biomonitoring Initiative	International - EC	€	40 000,00
I			
IDI&CA IPL/2021/PLASCOGEN_ESTeSL	National - IPL	€	5 000,00
IDICA/2021/GATumor – GAstric Tumour Drug Inhibitor – Inhibition of mTOR by a specific compound.	National - IPL	€	5 000,00
ILSurvive - Integration of human fluids pretreatment and detection of cancer biomarkers using ionic-liquid-based aqueous biphasic systems in microfluidic devices	National - FCT	€	249 000,00
Impact of Dietary Protein on Disability in ageing Europeans (InDEPENDent)”	International - EC	€	147 815,00
Imunomodulação na Pancreatite Aguda	National - Hosp Luz	€	20 000,00
In.Lab			
INGESTnano (PTDC/SAU-PUB/29481/2017). Cellular and Molecular Mechanisms of toxicity of Ingested Nanomaterials	National - FCT	€	250 000,00
Intervenção no Âmbito do Tratamento de Feridas Complexas	National - Ministry of Health		
Intestinal colonization in newborn infants with enterostomy	National - FCT	€	250 000,00
Investigação Aplicada da Região do Alentejo para COVID-19	National - P2020	€	299 000,00

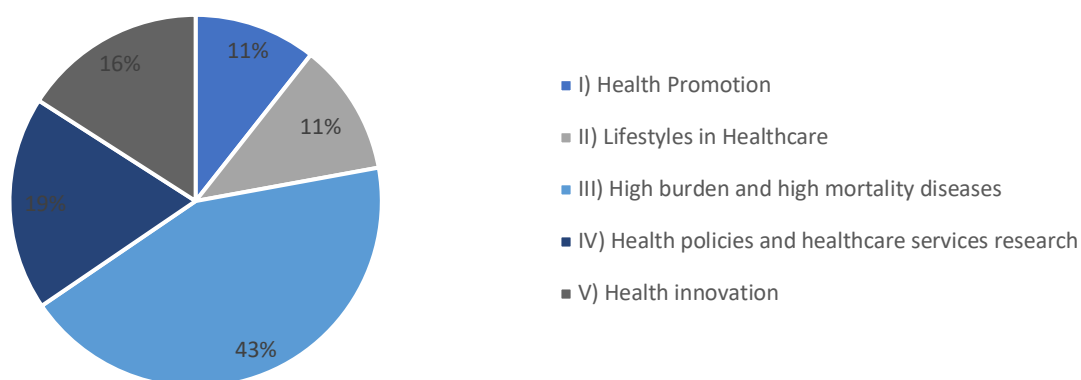
IonCytDevice - Development of Ionic-Liquid-based Devices for the Removal of Cytostatic Drugs from Urine Excreted by Cancer Patients	National - FCT	€ 221 867,00
Index de Acesso ao Medicamento Hospitalar 2021"	National - APAH	€ 5 000,00
Inovação em Saúde Mental e Inclusão Social	National - SCML	€ 150 000,00
IoMum" Iodine status Monitoring in PortUguese pregnant woMen		
IonCytDevice - Development of Ionic-Liquid-based Devices for the Removal of Cytostatic Drugs from Urine Excreted by Cancer Patients" / POCI-01-0145-FEDER-03110	National - COMPETE 2020	€ 221 867,98
J		
JADECARE	National - ACSS	
K		
KneeCare@Home Home exercise-based rehabilitation program following surgical reconstruction of the anterior cruciate ligament	National - FCT - CHRC	€ 25 000,00
L		
Leaves - optimizing the mentaL health and resiliencE of older Adults that haVe lost thEir spouSe via blended, online therapy	International - EC - AAL	€ 1 490 000,00
Literacia em Saúde, Promoção da Saúde e Coesão Social em Populações Migrantes - Prevenção de Doenças Não-Transmissíveis	National - FCG	
LONg Covid – Understanding Symptoms, events and use of services in Portugal	National - Pfizer	€ 150 000,00
M		
MACUSTAR - GA 116076	International - EC - H2020	€ 16 218 918,00
MH Rights Programa Integrado para a Promoção dos Direitos Humanos das Pessoas com Doença Mental" / "MH Rights Integrated Programme for the Promotion of the Rights of People with Mental Disorders	International - EEA Grants	€ 133 530,87
MOVere – movimento em mudança Alentejo/PTDC/SAU-DES/3853/2021	National - FCT	€ 244 797,20
Mulbioimplant	National - COMPETE 2020	€ 239 035,38
Mycoclimachange	International - EEA Grants	€ 15 000,00
N		
NephroMD	National - IPL	€ 5 000,00

NOVA Clinical Research Unit	National - Ministry of Health	€ 464 800,00
O		
Omega 3 Fatty Acids as Burnout Biomarkers in Occupational Health.		
Opinião Social		
OSCAR - vOice Screening of Corona viRus	National - P2020	€ 363 092,73
OUT–TO–IN Academia Gulbenkian do Conhecimento GRANT_NUMBER	National - FCG	€ 49 833,00
P		
PAFSE “Partnerships for Science Education”	International - EC - H2020	€ 1 455 075,00
Palmusic - Cuidados paliativos em doente crítico		
Papa Bem	National - CML	€ 8 580,00
PaRIS	National - DGS	
Participação na Presidência Portuguesa do Conselho Europeu	National - Agencia Nacional do Ambiente	€ 169 000,00
Persistence of specific humoral and cellular immunity in children after SARS-CoV-2 infection/IIS 60687	International - MSD	€ 167 400,00
PIC 4 COVID 19, Plano Individual de Cuidados	National - FCT	€ 30 000,00
Pneumonia adquirida no Hospital em Portugal	International - MSD	€ 30 000,00
Post Covid-19 olfactory disfunction diagnosis and rehabilitation	National - CUF	€ 5 000,00
Posto Comunitário	National - Programa bairros comunitários	€ 50 000,00
Predictive Models of COVID-19 Outcomes for Higher Risk Patients Towards a Precision Medicine	National - FCT	€ 240 000,00
Prevention of occupational disorders in public administration based on artificial intelligence (PrevOcupAI)”	National - FCT	€ 239 000,00
PRICOV-19 Study A multi-country study on quality of care and patient safety in primary care in times of the COVID-19 pandemic	International - EC	
Promover a saúde das populações migrantes em tempos de pandemia	National - CML	
PTDC/SOC-SOC/30092/2017	National - FCT	€ 229 742,47
Q		

QUADRO TEMPORÁRIO RELATIVO A MEDIDAS DE AUXÍLIO ESTATAL EM APOIO DA ECONOMIA NO ATUAL CONTEXTO DO SURTO DE COVID-19	National - FCT	€ 157 175,09
Quality Of Life in patients with Myocardial Infarction (QOLMI) Study		
R		
REFLECT - Raising awareness and stimulating Executive Functioning and social emotional Learning by integrating Evidence based strategies in the Classroom to empower pupils, Teachers and parents/ 2019-1-BE02-KA201-060353	International - Erasmus+	€ 236 405,00
Role of CERuloplasmin in progression and instability of Coronay Atherosclerotic plaques (CERCA) Study	National - Ministry of Health	€ 3 000,00
S		
S4Game GRANT_NUMBER 2018-1-ES01-KA202-050943	International - Erasmus+	
SEURO Grant Agreement No. 945449	International - EC - H2020	€ 3 900 000,00
ScreenTech - Utilização da análise de movimento quantitativa sem marcadores para um melhor rastreio do risco de lesão músculo-esquelética em jogadores de futebol	National - FCT	€ 49 693,75
Sintomas nos profissionais de saúde rastreados durante a pandemia por SARS-CoV-2		
SubSynd- Delirium subsindromático em Unidades de Cuidados Intensivos		
T		
Telemedicina ORL em São Tomé		
The effects of whole-body vibration (WBV) on the management of osteoporosis in early menopausal women	National - FCT - CHRC	€ 25 000,00
The social distance at the school playground and its effects on children's social-emotional competence and physical activity	National - FCT - CHRC	€ 40 000,00
Think4jobs - Critical Thinking for Successful Jobs / referência 2020-1-EL01-KA203-078797	International - Erasmus+	€ 390 438,00
Towards developing a Core Outcome Set for Malnutrition	International - EC	€ 10 000,00
TRANSVAC DS - GA 951668	International - EC - H2020	€ 10 599 993,00
tWork4Health	International - LA CAIXA	€ 250 000,00
U		
Unidade Regional de Farmacovigilância do Centro e Norte Alentejano		
URBAN-TB - PTDC/SAU-PUB/31346/2017	National - FCT	€ 249 000,00

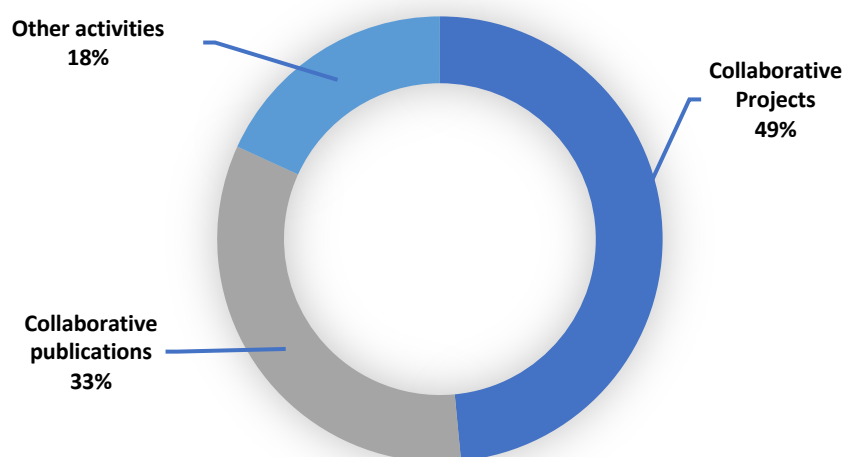
Using SAXS to investigate the effects of early menopause on the nanostructural properties of osteoporotic bone	International - ALBA Synchrotron	€	15 000,00
V			
Variações nas respostas do financiamento da saúde à pandemia COVID-19 em diferentes modelos de financiamento da saúde um estudo comparativo entre Brasil, Canadá, França e Japão.			
Ventilador de emergência minimalista por pressão controlada para COVID-19	National - FCT	€	30 000,00
Vo(i)ces - Promover a saúde das populações migrantes em tempos de pandemia	National - FAMI		

Funded Projects by thematic line:



3.3. Collaborative activities within the CHRC

The integrated members of the CHRC are involved in a total of 32 collaborative activities between the various CHRC management institutions (NMS, ESNP, UÉ, LIGMH and HSEIT), with 16 projects, 11 publications and 6 other activities. All collaborative work has taken a central role, both in curriculum development and learning for all integrated members, as well as in research success.



3.4 Internationalization

Integrated members of the CHRC are involved with a total of 59 networks and working groups, as well as 29 activities initiatives, actions and activities in collaboration with international consortia, at European and global levels, related to all CHRC thematic lines.

3.4.1. International networks

TOTAL: 59

TL I: Health promotion



Network

NOVA Migration and Health da Plataforma Estratégica NOVA Saúde da Universidade NOVA de Lisboa

NOVA Integrated Care, da NOVA Saúde da Universidade NOVA de Lisboa



EITHealth



ISES Europe (International Society of Exposure Science)



ICPHR - International Collaboration for Participatory Health Research

OMEGA-NET Coordination and Harmonisation of European Occupational Cohorts



EUPHA - European Public Health Association (EUPHA), Section on Health Promotion



EGPRN - European General Practice Research Network

EUROPEAN GENERAL PRACTICE RESEARCH NETWORK

POCTEP

Network



ISES Europe (Europe Regional Chapter of the International Society of Exposure Science)



European Environment Agency



International Nursing Network



EUPHA

EUPHA Health workforce research section
EUPHA Environment and health section

TL II: Lifestyles in healthcare

Network

Envejecimiento Activo, ejercicio y salud / Healthy-Age

EUGMS - Frailty SIG
- Nutrition SIG



European Narcolepsy Network



International Graphonomics Society

Mediterranean Nutrition (MeNu) Group

Red para la adherencia al ejercicio físico en la adolescencia

Rede Internacional de Pesquisa sobre Vulnerabilidade, Saúde, Segurança e Qualidade de Vida do Idoso: Brasil, Portugal e Espanha

Research stage in Leipzig - University of Leipzig and Akademie für Arbeitsgesundheit

EAACI - European Academy Allergy Clinical Immunology, Food Allergy and Anaphylaxis



E3UDRES2 European University (the Engaged and Entrepreneurial European University as Driver for European Smart and Sustainable Regions)



RIPRES

Special Needs COVID

TL III: High burden and high mortality diseases

Network

ARIA - Allergic Rhinitis and its Impact on Asthma



Academic Network for Sexual and Reproductive Health and Rights Policy - ANSER"



European Health Psychology Society



EU Cost Action Fostren

COST Action CA16202- International Network to Encourage the Use of Monitoring and Forecasting Dust Products



Cost Action CA18225 - Taste and Odor in early diagnosis of source and drinking Water Problems

GARD-WHO (Global Alliance Against Chronic Respiratory Diseases)

European Academy Allergy Clinical Immunology - Allergic contact dermatitis in children

- Paediatric rhinitis
- The allergic child at school



European Brain Council



ECRIN



ENCePP



European Association of Psychosomatic Medicine (EAPM)



European Network of Mental Health Services Research (ENMESH)

Focus on Emotions Group (Faculdade de Psicologia da Universidade de Leiden, Países Baixos

IHMN



NEOH, NETwork for Evaluation of One Health, European Chapter of Ecohealth International



Uppsala Monitoring Centre



TL IV: Health policies and healthcare services research



Network

ASPHER - Association of Schools of Public Health in the European Region



**BE HEALTHY
BE MOBILE**

OUIH
Odense University Hospital
Svendborg Hospital

Be Healthy Be Mobile (BeActive) Initiative World Health Organization

Center for Clinical Epidemiology and Research Unit of Clinical Epidemiology

COST Action CA18218 - European Burden of Disease Network

Biocentric Disaster and Health Management

National Health Literacy Demonstration Projects Community of Practice

Population Health Information Research Infrastructure (PHIRI)



PHIRI

Population Health Information
Research Infrastructure

World Mental Health Surveys Initiative

TL V: Health innovation



CPLP

Network

Rede de Telemedicina da CPLP



RETE

Rede de Estudos de Tecnologias Educacionais

RETE - Rede de Estudos de Tecnologias Educacionais



EUPHA

EUPHA Section: Digital Health



The International Comet Assay Working Group (ICAWG)

3.4.2. Initiatives, actions and activities in collaboration with international consortia

TL I: Health promotion

Activity

- European College of Veterinary Public Health (Residency Program, Supervisor team from University of Torino, Italy & Universidade do Porto, Portugal)

- Translation, adaptation and dissemination of the Portuguese version of the international questionnaire on the effect of confinement on families of children and youth with special needs (specialneedscovid.org)
- EUPHEM fellow

TL II: Lifestyles in healthcare

Activity

- COST Action CA18105 Invitation to "Online Training School on Future Meat Safety"
- Epidemiology of Ageing and Dementia Prevention, EITHealth PhD Label
- Visita Erasmus + (School of sports sciences and physiotherapy - UNIVERSIDAD EUROPEA DE MADRID)

TL III: High burden and high mortality diseases

Activity

- Value of Treatment of Depression - European Brain Council
- Euroflow Consortium
- PhD student in co-supervision with colleague at Catholic University Leuven
- Coordination Scientific Committee of the Annual Conference of the European Health Psychology Society
- COVID-19 course of the European Society of Intensive Medicine
- Member of the ECRIN Quality Group (representing PtCRIN)
- Member of the Scientific Committee European Environment Agency in the area of Environment & health-chemicals.
- TESA III
- Member of the international management committee of Babies Born Better
- Member in Risk Assessment Committee of European Chemicals Agency

TL IV: Health policies and healthcare services research

Activity

- Member of the Board of Directors of OHMi Estarreja, CNRS LabEx DRIIHM, Center National de la Recherche Scientifique (CNRS), France (since January 2019)
- International project led by a colleague from the University of Castilla-la Mancha Project1: Nursing education and attitudes towards sexuality. Perspectives of teachers and students in a multicenter study
- Specially Appointed Associate Professor, Graduate School of Veterinary Medicine, Hokkaido University, Sapporo, Japan
- International Society on Education in Animal Sciences

Activity

- BenBedPhar COST Action

3.5. Scientific knowledge transfer

Patents



Prototypes & software

3.5.1. Patents

Description	Affiliation	Authors	Year
<i>MULTIDIMENSIONAL TOOL FOR ASSESSING THE RISK OF FALLING IN OLDER PEOPLE - EP3744246 - N/ Ref: 2019/3905</i>	Universidade de Évora	Jorge Bravo	2021

3.5.2. Prototypes, software and products

- MiniVent no âmbito do projecto para construção de ventilador minimalista

3.6. Postgraduate supervision

122

PhD students

5

Post-docs

3.6.1. Master students – 190

Thesis Title	Master Student
Efeitos de uma intervenção psicomotora nas vivências corporais de mulheres vítimas de violência doméstica	Adriana Filipa Monteiro Feijão
Experiência de violência numa população imigrante em Portugal: Estudo dos fatores relacionados	Ágata de Oliveira Baginha
Endometrial natural killer (NK) cells: a characterization by Flow Cytometry	Alexandra Chambel
Caraterização e determinantes das altas hospitalares proteladas por incapacidade de transferência em Portugal	Alexandre Lourenço
Liberdade de movimento no primeiro estadio do trabalho de parto	Alexandre Miguel Mourato Dias
Sono e rendimento escolar: um estudo em crianças com Perturbação do Espectro do Autismo	Aline Maria Santiago Nicolay Hammes
O absentismo dos profissionais de saúde do SNS e custos associados em tempos de pandemia COVID-19	Ana Carolina Nunes

Conhecimento e percepção dos médicos e estudantes de medicina portugueses em relação as alterações climáticas e ao impacto na saúde	Ana Catarina Alves
Conhecimento e percepção dos médicos e estudantes de medicina portugueses em relação as alterações climáticas e ao impacto na saúde"	Ana Catarina Fernandes Alves
Desenvolvimento de materiais inovadores para remoção de antibióticos	Ana Catarina Nunes Vicente Dias Saraiva
O Enfermeiro Especialista em Saude Materna e Obstétrica e a melhoria de cuidados no Aleitamento Materno	Ana Clarissa Araújo de Medeiros
Respostas neurofisiológicas à indução de experiências emocionais negativas e positivas: aprofundar a relação corpo-mente	Ana Dias
A intervenção do Enfermeiro Especialista em Enfermagem de Reabilitação na capacitação da pessoa com défice de mobilidade para o Autocuidado transferir-se	Ana Filipa Diz
Coordenação de Estudos no CHLO (título provisório)	Ana Filipa Inácio
Melhoria dos cuidados: Ingesta durante o trabalho de parto para o conforto da mulher	Ana Filipa Silva ressurreição
Sintomas nos profissionais de saúde rastreados durante a pandemia por SARS-CoV-2: estudo transversal num centro hospitalar português desenvolvido em três fases distintas	Ana Isabel Batista Correia
Cuidados especializados em enfermagem de saúde mental e psiquiátrica centrados na pessoa com perturbação psicótica	Ana Isabel Encarnado Lazana
Validação de um painel de indicadores da qualidade e desempenho em anatomia patológica. Data de conclusão: 6 dezembro 2021	Ana Isabel Moreira Paulino
Consulta multidisciplinar a utentes que apresentam sequelas da doença COVID-19	Ana Luísa Velhinho Lamberto Simões
Estabelecimento da Amamentação. Vivência no Trabalho de Parto	Ana Margarida Ferreira
Da terapêutica ao doping: a utilização ilícita de fármacos para aumentar a performance desportiva	Ana Margarida Marques
Estudo qualitativo de barreiras e facilitadores associados à utilização da ferramenta digital LEAVES	Ana Raquel Araújo
Identificação de estratégias de mudança comportamental implementadas em intervenções por SMS para a promoção de atividade física	Ana Rente
A relação entre a competência motora e a competência emocional, nas crianças de idade pré-escolar	Ana Rita Cruz
Efeitos dos suplementos alimentares no stress oxidativo, inflamação e fisiopatologia	Ana Sofia Castro Costa
A integração do lean aos processos da acreditação hospitalar em Portugal e no Brasil: um estudo de casos múltiplos	Andréa Prestes

Efetividade do Exercício Estruturado na Dor, Catastrofização e Qualidade de Vida em Indivíduos com Lombalgia Crónica	Ângela Vieira
Perceção dos Profissionais de Saúde do Processo de Reconciliação Terapêutica em Contexto Hospitalar: Estudo de Caso	Anna Mylkivska
Análise Do Potencial Alergénico (Fungos, Pólen E Ácaros) De Pó Doméstico Em Cidades Do Litoral E Do Interior De Portugal	António Espírito Santo Semedo Vieira
Relação na Preparação para o Parto com o Empowerment da Puérpera na Parentalidade	António José Ganchinho Faroleira
Inadequate Pain Relief and interventions offered to people with HK-OA	António Silva
Efeito de uma intervenção psicomotora na qualidade de vida e saúde mental de mulheres vítimas de violência doméstica	Beatriz Isabel Maltinha
Efeitos de terapias orientadas pelo corpo nos sintomas negativos de pessoas com esquizofrenia: uma revisão sistemática	Bruna Heloísa Cardoso Isabelinha
Assessing the impacts of cytostatic drugs on freshwater biota	Bruna Monteiro
A Intervenção do Enfermeiro de Reabilitação na Avaliação e Intervenção na Pessoa com Deglutição Comprometida	Bruno André Magalhães Ferreira
Intervenção “Proximidade Geriátrica”: um contributo para o envelhecimento ativo e saudável na pessoa Idosa institucionalizada	Bruno Gonçalo Cassis Morgado
Relação entre liderança e coordenação relacional	Bruno Miguel Santos Martins
Cuidados de enfermagem - Relação entre a satisfação e a perceção de parentalidade materna	Carina da Conceição Alves Martins
The epidydimis as a target of endocrine disruption: effect on calcium homeostasis	Carla Barbosa
A ENFERMAGEM DE REABILITAÇÃO NA CAPACITAÇÃO DA PESSOA IDOSA RESIDENTE NA COMUNIDADE COM MARCHA COMPROMETIDA	Carla Cristina Santos Basílio
Caracterização da competência aquática real e percebida em crianças, em crianças dos 3 aos 6 anos	Carlos Boralheira
Qualidade das relações de amizade entre alunos na Escola Inclusiva -Um estudo na Região Autónoma da Madeira	Carolina Correia
As competências de liderança nas Emergências de Saúde Pública	Carolina Maria Duarte Lopes
: Influência de um programa de exercícios combinados de 4 meses na aptidão física, mobilidade, domínio cognitivo e qualidade de vida em pessoas com Esclerose Múltipla	Catarina Alexandra Nunes Martins
Equitação Terapêutica e Hipoterapia em Necessidades Educativas Especiais: um estudo nas regiões do Alentejo e Algarve	Catarina Assis
BIOMARCADORES FARMACOGENÓMICOS COMO FONTE DE EVIDÊNCIA PARA A EFETIVIDADE E SEGURANÇA NA TERAPÊUTICA DA DEPRESSÃO	Catarina Correia

Rastreamento da Infecção congénita por CMV: estudo multicêntrico nacional	Catarina fernandez
Perda gestacional e cuidados paliativos	Catarina Porto
Monitorização em Ensaios Clínicos - Experiência numa Clinical Trial Unit (título provisório)	Catarina Silvério
Avaliação da exposição gestacional a metais pesados e a sua associação com o estado de saúde da mulher grávida & outcomes à nascença	Catarina Sousa
Estratégias Promotoras da Vinculação Mãe-Bebé após o Parto	Cátia Alexandra Martins Cordeiro
Fatores Preditivos para a Perceção Global de Melhoria Após Intervenção de Fisioterapia em utentes com Dor Lombar Crónica	Cátia Dias
Avaliação do impacto económico da introdução de uma técnica rápida de biologia molecular para rastreio de MRSA	Cátia Piedade
PREPARAÇÃO DO REGRESSO A CASA DA PESSOA SUBMETIDA A ARTROPLASTIA DA ANCA – CAPACITAÇÃO PARA A TRANSIÇÃO SEGURA	Célia Maria Arsénio Pereira Gonçalves Nicolau
Ecotoxicity of plant extracts	Celso Ferraz
A equitação terapêutica como benefício na melhoria do processo de aprendizagem de alunos com NEEs incluídos em escolas comuns	Cerise Malachias Paes Ferreira Lopes
Envolvimento da Figura Paterna no Acompanhamento da Companheira no Trabalho do Parto.	Cíntia Carine Soares Fernandes
Prevalence of functional limitations in portuguese older adults and its association with high protein foods: na epidoc database analysis	Clara Salvador
Atitudes e práticas de docentes e técnicos especialistas face à educação inclusiva.- Mestrado em Educação Especial: Dominio cognitivo e motor – discutida em Fevereiro de 2021 com a classificação de 19 valores.	Clarisse Balixa Coelho
Programa SPLIT: Resultados e fatores de prognóstico para os resultados de sucesso em utentes com lombalgia.	Cláudia da Conceição Teixeira Silva
A saúde oral dos jovens seguidos num modelo integrado de saúde oral: o papel da idade de início da vigilância	Cláudia Pereira
Identificação de estratégias de mudança comportamental implementadas em intervenções por SMS para a redução de consumo de álcool e cessação tabágica	Claudia Santos
Liderança e Burnout	Cláudia Sebastião Morgado
Conhecimentos dos profissionais da área da saúde e diretores de instituições prestadoras de cuidados de saúde sobre a prática psicomotora em Portugal: Um estudo exploratório	Cláudia Sofia da Silva Rodrigues
Monitorização serológica para SARS-CoV-2 após vacinação em profissionais de saúde	Cláudia Varela

Análise do custo-efetividade da PET/CT com 68Ga-PSMA nos doentes com carcinoma da próstata em recidiva bioquímica após prostatectomia radical	Cristiana da Cunha Queirós
Development of Predictive Models for COVID-19 Prognosis based on Patient's Demographic and Clinical Data	Cristiana da Palma Von Rekowski
Identificação de Intervenções Digitais com Tailoring na Atividade Física: Revisão Sistemática	Cristina Berneaud
Coordenação de Estudos no CHLO (título provisório)	Daniela Abreu
Fatores de Prognóstico para a dor persistente e incapacitante em utentes com Lombalgia que recorrem aos cuidados de saúde primários.	Daniela Ferreira Gomes da Silva Correia
Os efeitos de um programa de intervenção psicomotora nos indicadores de saúde e bem-estar de sobreviventes de cancro da mama	Daniela Guerreiro
Efetividade dos cuidados estratificados na lombalgia nos cuidados de saúde primários: Programa SPLIT	David Damásio Francisco
Experiência de stress em tempos de pandemia COVID-19	Diana Gonçalves Lopes da Costa
SPLIT OA-desenvolvimento de um programa de autogestão para pessoas com Osteoartrose centrado nos cuidados de saúde primários	Diogo Luís
Efetividade do Exercício Estruturado na Função e Perfil Psicossocial em Indivíduos com Lombalgia Crónica	Diogo Moço
Saúde mental de jovens atletas de futebol federado perante a privação da prática desportiva em competição	Diogo Neves Moura
Treino de força em doentes com sarcopenia e qualidade do sono	Fabiola Grenspan
Viabilidade e efeitos de um programa de exercício multimodal nas funções executivas, na aptidão funcional e na composição corporal de pessoas idosas a residir na comunidade	Felicidade de Freitas Monteiro Pereira
Viver com Máscara(s): Impacto da pandemia na vivência e comunicação em contexto educativo	Fernanda Abreu
Tratamento da Estenose Aortica em Portugal	Fernando Avelar
Medidas não Farmacológicas no Trabalho de Parto: Níveis de Dor e Ansiedade	Filipa Daniel Coelho
Plano Individual de cuidados, com enfoque na relação terapêutica, em jovens com perturbação do desenvolvimento intelectual	Filipa Nunes Gonçalves
Endocrine-disrupting chemicals gut microbiota interplay in COVID- 19 severity: a cross sectional study	Filipe Siquenique
Análise da composição corporal dos paraquedistas do 4o HandiFly International Challenge	Francisco Nuno Cetra Teixeira Amaral Banha
Efeitos fisiológicos agudos da prática de padel em praticantes amadores por nível de jogo	Francisco Xavier de Almeida Dias Manteigas

Tempo de espera, distância e transporte: equidade e desigualdade no acesso aos cuidados de saúde pelo utente hipertenso em Portugal	Guilherme Jesus
A violência doméstica contra as mulheres no período de pandemia da Covid-19 em Portugal	Heloisa Passos e Martins
Adaptação cultural, validade e fiabilidade da versão portuguesa do Musculoskeletal Health Questionnaire (MSK-HQ)	Hermínia Ribeiro
Legionella pneumophila: estudo da suscetibilidade das estirpes portuguesas	Ibéria Ramalho Dias Araújo
In vitro combined toxicity of hexavalent chromium, nickel and benzo(a)pyrene in human lung cells	Inês Alves
Estudo Da Funcionalidade Das Pessoas Idosas Institucionalizadas Em Estruturas Residenciais Para Idosos E Da Respetiva Estrutura E Processo De Cuidados	Inês Cabral Ferreira Cardoso
Unravelling the role of endocrine-disrupting chemicals in diet-induced weight loss: the muscle-adipose tissue narrative	Inês Castela
Dinâmicas relacionais, intimidade e vivência do corpo: A perceção dos/as jovens adultos/as	Inês Chão Quente
Treino Metacognitivo aplicado pelo Enfermeiro Especialista em Enfermagem de Saúde Mental e Psiquiátrica à Pessoa Idosa com Depressão	Inês Isabel Araújo dos Reis
Competência de Liderança para a fiabilidade organizacional	Inês Margarida Bergano Fonseca
Características fisiológicas e mecânicas em atletas de patinagem de velocidade: um estudo exploratório	Inês Margarida Fernandes Pereira
Biomonitorização de elementos numa população de crianças portuguesas em idade escolar: dos valores de referência aos determinantes	Inês Peixoto Oliveira Rebelo
Segurança do Utente nos Cuidados de Saúde Primários: Papel do Enfermeiro numa Unidade de Cuidados na Comunidade	Inês Pereira Martins
Efetividade de um Programa de Exercício na Dor e Qualidade de Vida em Indivíduos com Dor Lombar Crónica	Inês Souto
Determinantes e estratégias para a manutenção da prática de atividade física	Irene Marques
Avaliação do conhecimento dos fisioterapeutas face à nutrição materno-infantil e desenvolvimento neuropsicomotor do bebé	Isabelle Regina Moreira Marinho Cunha
IoMum@Lisboa - Monitorização do estado de iodo em grávidas e o impacto da suplementação	Janaina Fernandes Maciel Peres
efeitos de uma intervenção psicomotora na prontidão para a escrita	Joana Caeiro
Caracterização da Marcha, Força e Performance em Indivíduos com Diagnóstico recente de Espondiloartrite Axial	Joana Cruz
Carga de doença da COVID-19 em Portugal	Joana Inocêncio

O regresso a casa: Empoderamento da puérpera no autocuidado e cuidados ao recém-nascido.	Joana Isabel Relvas Cota Mira
As características do relacionamento social de adultos com PEA na perspetiva dos técnicos – um estudo na APPACDM de Évora	Joana Sousa
Revisão sistemática dos métodos utilizados para recomendações automáticas de atividade física em intervenções digitais	Joana Venancio
Influência da idade na Integração Visuomotora e o impacto na escrita	Joana Viegas
Adaptação Cultural e Validação do Consumer Assessment of Health Providers and Systems (CAHPS) Hospital Survey	João Cunha Fernandes
Investigação da incidência de amibas de vida livre e Legionella em águas de sistemas geradores de aerossóis	João Ferreira
Quedas e Violência em pessoas idosas que vivem na comunidade. Qual a sua relação? Uma abordagem holística	João Filipe Coelho dos Santos
Associação entre Estatuto Socioeconómico e consumo de cannabis em adolescentes de sete cidades europeias- Estudo SILNE-R	João Leite
Adaptação Cultural e Validação do Consumer Assessment of Health Providers and Systems (CAHPS) Hospital Survey	João Miguel Cunha Fernandes
Investigação da incidência de amibas de vida livre e Legionella em águas de sistemas geradores de aerossóis	João Pedro Moniz
Assessment of pesticide toxicity towards amphibian terrestrial stages	João Vasco Pimenta
Efeitos de um programa de exercício na capacidade de produção de força, no equilíbrio e proprioceção do idoso, como método de prevenção de quedas	Jorge Miguel Chanino Carvalho
Diagnóstico da infeção congénita por CMV recorrendo a pools de saliva	Julietta Silva
Efeitos de um programa de gestão de stress online em estudantes universitários	Laura Dias
Efeitos de uma intervenção psicomotora nas competências sócio-emocionais de crianças em idade pré-escolar	Laura Nogueira
Tuberculose – Doença antiga/Novos desafios O Tratamento Diretamente Observado na resposta à problemática da Tuberculose	Leovigilda Madama
Comunicação do risco nos folhetos informativos das vacinas	Lídia Vieira
Intervenção psicomotora em contexto de consulta hospitalar de pediatria	Liliane Oliveira Pereira
Intervenção Formativa de Medicina Culinária junto das equipas de saúde do ACES Almada/Seixal	Lucia Matos
Solidão e sintomas depressivos no idoso institucionalizado	Ludmila Souza Oliveira de Jesus

MyMob- Programa de Mobilidade para o internamento hospitalar de adultos mais velhos	Luis Alexandre Moniz
As Desigualdades em Portugal em contexto de Pandemia da COVID-19: Análise de Determinantes Sociais da Saúde	Luísa Solinho
As Desigualdades em Portugal em contexto de Pandemia da COVID-19: Análise de Determinantes Sociais da Saúde	Luísa Solinho
Revisão sistemática de intervenções multi-comportamento em contexto de saúde	Maiara Moreto
Preparação para o Nascimento: O medo do parto	Marcia Cristiana Marques Ferraz
Análise das adaptações curriculares na Educação Física na inclusão do aluno com Necessidades Educativas Especiais na Rede Municipal de Ensino Fundamental I em Pedra Branca do Amapari-AP/Brasil	Marcione Ribeiro
Efeitos da Aplicação do Jogo Aball1 em Parâmetros de Aptidão Física, Cognitiva e de Saúde em Sujeitos Diabéticos Tipo 2	Marco Paulo da Fonseca Gonçalves
Determinantes e estratégias para adoção de comportamentos protetores da transmissão da Sars-Cov-2	Margarida Lira
Análise do Processo de Ensino-Aprendizagem da Farmacovigilância em Portugal	Margarida Perdigão
A Perceção do Corpo e a Auto-estima, o Suporte Social e o Bem-Estar Espiritual em Mulheres com Cancro da Mama -	Maria Bagorro
Desigualdades no acesso nos vários níveis de cuidados devido a fatores socioeconómicos, em Portugal no ano 2019	Maria Costa
Biochemical and anthropometric outcomes of patients with paediatric heterozygous familial hypercholesterolemia after COVID-19 pandemic lockdowns	Maria de Campos Paiva Peres
Autocuidado da Pessoa com Delírio: Intervenção Psicoterapêutica do Enfermeiro Especialista em Saúde Mental e Psiquiátrica com base na Terapia Metacognitiva Individualizada para a Psicose	Maria de Fátima Borralho Moreira
Determinantes de saúde mental nos adolescentes dos 14 aos 17 anos, em Portugal - Estudo SILNE-R	Maria Eduarda
Saúde Mental em contexto de pandemia: A intervenção do Enfermeiro Especialista em Saúde Mental e Psiquiátrica, enquanto facilitador dos processos adaptativos ao longo do ciclo vital	Maria João Revés Mendes Silva
MEMN Study – Unraveling the role of intestinal and vaginal Microbiota, Estrogenic activity, Metabolic profile & Nutritional status in symptom severity and quality of life of Portuguese women with endometriosis - an exploratory study.	Maria Raposo
Exploring health stakeholders' views about the prioritization of patients for the operating theatre	Maria Salomé Romeiro Santos

Contemporary public health challenges: association between overweight, immigrant background and sociodemographic characteristics among Portuguese school-age children	Maria Sofia Graça Infante Mendes
Caraterização das competências motoras, de ritmo e atencionais, da composição corporal, do nível de atividade física e indicadores de saúde mental de alunos universitários com perturbações de aprendizagem específica	Mariana Ferreira
Associação entre a atividade física, aptidão física, domínio cognitivo, sintomatologia e qualidade de vida em pessoas com Esclerose Múltipla	Marina Conceição de Carvalho
Optimização de Técnicas de Processamento de Sémén Criopreservado	Micaela Pedro
Insegurança alimentar em populações migrantes na pandemia COVID-19	Michele Miranda
Promoção da Saúde Planetária desde a comunidade: Um estudo exploratório sobre o renascimento dos trigos antigos no Oeste de Portugal	Miguel Contreras
Estudo da relação entre a perceção dos pais sobre a competência motora dos filhos e a prontidão para a escrita em crianças no último ano do pré-escolar: um estudo transversal	Miguel Duarte
Machine Learning / FrailcareAI	Miguel Simões
Health literacy among the new wave of migrants from the MENAP region in the metropolitan area of Lisbon. Data de conclusão: 28 outubro 2021	Mohammad Abdeen
Efeitos de uma intervenção psicomotora em meio equestre, nas competências socioemocionais, em crianças institucionalizadas.	Nicole Almeida
Machine Learning / CardiofollowAI	Olga Piddubna
Monitorização da Efetividade e da Segurança da Terapêutica Farmacológica do HIV/SIDA Baseada na Evidência Farmacogenómica: Revisão Sistemática da Literatura	Patrícia Santos
The Indirect Costs of Depression on the Portuguese Population in 2014 and 2019	Patrício Bastos
Synthetic musks and breast cancer: is vitamin D a possible link?	Paula Ferradaz
Uso de terapias complementarias y alternativas en el trabajo de parto	Paula Mulet Miravet
Estudo de avaliação de burnout em assistentes de consultórios dentários	Paula Pinheiro Rodrigues
Perspetivas de utentes e profissionais de saúde para a adaptação do Programa SPLIT para um modelo de telereabilitação: Um estudo qualitativo	Paulo Clemente
Importância do ensino da farmacogenética e da farmacogenómica: caracterização curricular dos Mestrados Integrados em Ciências Farmacêuticas, em Portugal	Pedro Batista
Estudo da relação da força muscular, sarcopenia e qualidade de vida em idosos com osteoartrose	Pedro Miguel Tomé Guerreiro

Caminhar na (em) Relação: Práticas, estratégias e comportamentos - Um 'aide-mémoire' para o Psicomotricista intervindo em Saúde Mental	Rafaela Moreira
Presença do pai na vigilância da gravidez: perspectiva do casal	Raquel Mendes Cerdeira
Prevalência pontual, caracterização e impacto das cefaleias em trabalhadores portugueses	Raquel Miranda
Avaliação Normativa da Segurança do Paciente em tempo de pandemia de Covid-19 em uma Unidade de Terapia Intensiva de hospital público do Distrito Federal	Rayanne Cristina Araújo Balbino
Paradoxos em gestão, ambidestria organizacional e as competências e práticas de liderança em contexto hospitalar	Renato Nuno Varanda Pereira
Identificação Semi-automática de Patologia em Imagens de Raios X do Tórax com Técnicas de Inteligência Artificial	Rita Colaço
A Vivência da Sexualidade Durante a Gravidez	Rita de Amaro Laranjo
Análise forense de batons vermelhos	Rita Gastão
A experiência parental do período perinatal em tempos de pandemia	Rita Leite Prudente
Evaluation of Body Composition and Physical Activity after Musculoskeletal Injury	Rodrigo Miguel Gamelas Batalha
Caracterização da utilização de instrumentos autoreportados na fisioterapia músculo-esquelética em Portugal	Rúben Santos
Saúde mental e solidão dos idosos de um concelho rural	Sandra Isabel Garção Russo
"Cuidar de quem cuida" - Alimentação Saudável da equipa multiprofissional de duas UF do ACES Alentejo Central em período de Pandemia	Sandra Paula dos Santos Vasques
UMA REVISÃO SISTEMÁTICA DE INTERVENÇÕES NOS ESTILOS DE VIDA PARA O CONTROLO DO PESO NOS CUIDADOS DE SAÚDE PRIMÁRIOS	Sandy Andrade
Preparação do períneo para o trabalho de parto: Prevenção da ocorrência de episiotomia/lacerações perineais	Sara Filipa Garrido Coração Franco
Desajustamento psicológico e vivência do corpo em estudantes universitários portugueses	Sara Pinto Duarte
Determinação do Grau de Dependência de Cuidados de Enfermagem em Doentes com Doença Mental	Sara Ribeiro
Insight e adesão ao regime terapêutico na pessoa com esquizofrenia	Sofia Isabel Costa Campos
O Enfermeiro e a Pessoa/ Família Potencial Doadora de órgãos/ Tecidos	Susana Maria Teixeira Martins
Influência da pessoa significativa no processo de trabalho de parto	Tania Fernández Fernández
Higiene Oral na Prevenção da Pneumonia Associada Intubação	Tânia Filipa Cabrita Xavier
Adaptação e avaliação das propriedades psicometrias do TRIG	Tatiana Tavares

Golden Hour: Aleitamento Materno exclusivo durante a primeira hora de vida do recém-nascido	Telma Filipa Palma Salgueiro
A redução da atividade da fosfatase alcalina intestinal está associada à severidade da COVID-19	Thainá Loureiro Serafim
Biomarkers Discovery For COVID-19 Based On Metabolomics	Tiago Alexandre Henrique Fonseca
Melhoria Contínua na Intervenção em Catástrofe no SU	Vanda Cristina Lages Furtado
Violência Associada ao Desporto: Estudo dos incidentes registados em espetáculos desportivos pela GNR	Vitor João Ramalho Bilro
Desigualdades socioeconómicas no estado nutricional e qualidade de vida em crianças: dados do Sintra Cresce Saudável	Vitória Silva
Tuberculose, conhecimento, atitude e prática dos profissionais de saúde do Hospital Distrital de Nacala, Moçambique	Wilma S. A. S. de Jager

3.6.2. PhD students - 122

Thesis Title	PhD Student Name	Status
"In vitro investigations of antigestagen-mediated effects in decidualized dog uterine stromal (DUS) cells: expression of decidualization markers and global transcriptomic changes" [Co-orientação com M. Kowalewski]	Ali Kazemian	Ongoing
Os fatores psicossociais de risco ligados ao trabalho e o impacto na saúde dos trabalhadores dos municípios associados à Comunidade Intermunicipal da Lezíria do Tejo	Alice Maria Henriques	Ongoing
Retinopatia da prematuridade	Ana Almeida	Ongoing
Literacia em Saúde e Imigrantes: contributos para a Promoção da Saúde das Comunidades Migrantes	Ana Catarina da Costa Maia	Ongoing
Literacia em Saúde e Imigrantes: contributos para a Promoção da Saúde das Comunidades Migrantes	Ana Catarina Maia	Ongoing
CardiofollowAI	Ana Catarina Martins	Ongoing
Accounting for doctors' and patients' perceptions in telehealth services implementation	Ana Rita Maria	Ongoing
Estudo dos Efeitos do Exercício Terapêutico e da Terapia Manual em parâmetros Biomecânicos e Neurofisiológicos Determinantes para a função do Complexo Articular do Ombro baseado numa análise Multifatorial e Clínica.	Ana Sofia Carneiro Pinto de Melo	Ongoing
Osteoporosis and Fractures What is being done to prevent it?"	Anabela Barcelos	Ongoing

Objetivos de reabilitação em fisioterapia na pessoa após um AVC: perspectivas, práticas e fatores associados	André Vieira	Ongoing
A parental perspective on child chronic kidney disease: the lived experience of caregiving in Portugal	Andrea Bruno de Sousa	Concluded
Expansion of Natural Killer cells as a complementary approach for adoptive cell therapy in advanced Colorectal and Pancreatic Cancer (NKAT-CRC-PDAC)	Andreia Filipa Garrido Maia	Ongoing
As competências sócio-emocionais na educação pré-escolar	Andreia Rodrigues	Ongoing
As competências sócio- emocionais na educação pré-escolar: contributos das práticas de mediação corporal	Andreia Sofia Rodrigues	Ongoing
Trochanterite femoral	António seco	Ongoing
Desenvolvimento de um aplicativo para identificação, triagem e encaminhamento de pessoas expostas sexualmente ao HIV	Artur Acelino Francisco Luz Nunes Queiroz	Concluded
Comportamento espontâneo, ajustamento sócio-emocional e psicomotricidade em alunos do 1o ciclo do ensino básico: uma análise multifatorial	Augusto Parras	Ongoing
Qualidade serviços residenciais de saúde mental	Bárbara Pedrosa	Ongoing
Capacitação comunitária na promoção da saúde mental	Beatriz Lourenço	Ongoing
Being deaf at the playground - The effect of a hearing loss on children's social participation	Brenda Sousa Silva	Ongoing
estabilização da sacroiliacas	Bruno Santiago	Ongoing
Plastia do ligamento cruzado anterior	Carla Madail	Ongoing
Supporting healthcare professionals through the use of digital interventions to deliver personalised care for patients with multimorbidity:	Carolina Correia Neves Tomás da Silva	Ongoing
How beneficiaries' experiences can help to implement overlooked dimensions in medical education: a comparative study between health and non-health professionals	Catarina Martins Lopes	Ongoing
Exposição profissional a amianto e mesotelioma maligno da pleura	Catia Alexandra Susana dos Santos	Ongoing
Literacia em saúde oral: desenvolvimento de um modelo de melhoria e monitorização da implementação do projeto SOBE+	Claudia Corrêa	Ongoing
Impact of the implementation of biosimilars for the treatment of different rheumatic diseases perceived by the patients and by society (repercussion upon Patient Reported Outcomes and economic costs)"	Cláudia Vaz Pessoa	Ongoing
Uncovering the foundations of social prescribing implementation in Portugal	Cristiano Emanuel Marta de Figueiredo	Ongoing
Systemic lupus erythematosus in children – what can we learn more?	Cristina Henriques	Ongoing
The role of ultrasound as a predictor of disease activity and response to therapy in Giant Cell Arteritis” – Doctoral Program in Medicine – Faculty of Medicine	Cristina Ponte	Ongoing
Da comunidade aos cuidados especializados: qual a interação com os serviços de saúde das pessoas com osteoartrose do joelho? Desenvolvimento de um modelo de cuidados baseado na evidência e na sustentabilidade dos recursos	Daniela Sofia Albino Costa	Ongoing

Decision making in a multimorbidity context	David Rodrigues	Ongoing
Fatores contextuais da redução da coerção em serviços de saúde mental	Deborah Aluh	Ongoing
Epidemiology of Menière's disease" – Doctoral Program in Biomedical Sciences – Faculty of Medicine	Diogo Ribeiro	Ongoing
Literacia em saúde, autocuidados e compensação da diabetes tipo 2	Dulce do Ó	Ongoing
To be defined	Eleni Araujo	Ongoing
Imunomodulação na Pancreatite Aguda	Filipa Malheiro	Ongoing
Subpopulações linfocitárias no diagnóstico da Síndrome de Sjögren primária	Filipe Barcelos	Concluded
Instabilidade da Tibio-tarsica - tese concluída em finalização de escrita	Francisco Guerra Pinto	Ongoing
Estudo do processo de desenvolvimento das competências grafomotoras e efeitos de um programa de intervenção em crianças em idade pré-escolar e do 1º ciclo do ensino básico.	Helena Coradinho	Ongoing
Estudo do processo de desenvolvimento das competências grafomotoras e efeitos de um programa de intervenção em crianças em idade pré-escolar e do 1º ciclo do ensino básico.	Helena Isabel Falcão Coradinho	Ongoing
Spondylarthropaties - burden and costs – Doctoral Program in Medicine	Helena Santos Cabrita Carneiro	Ongoing
Perfil genómico de atletas e ex-atletas de alto rendimento desportivo	Hugo Henrique Santos Silva	Ongoing
Oral health care as determinants of oral health, general health and quality of life	Inês Caetano Santos	Ongoing
Representações sociais sobre o nascimento - o parto domiciliário	Inês Trindade	Ongoing
Fraturas da Tibio-tarsica - tese concluída classificação máxima	Isabel Pires Rosa	Ongoing
CartilageT2* Mapping using Multi-Echo Short-Echo Time and Short-Echo IntervalSequence –A NovelTool to Identify Early Cartilage Changes	Jair Eletério	Ongoing
Caracterização das respostas fisiológicas hormonais, cardíacas e musculares em situações agudas de stress	Joana Alegrete	Ongoing
A tríade microbiota, imunidade e perda gestacional recorrente idiomática	Joana Cristino Pereira	Ongoing
Influence of metal exposure in thyroid hormones and gestational diabetes	Joana Guimarães	Ongoing
O corpo e o trauma: da compreensão à intervenção com mulheres vítimas de violência doméstica	Joana Isabel Palma Machorrinho	Ongoing
Body and trauma: from comprehension to intervention in female victims of domestic violence	Joana Machorrinho	Ongoing
Tratamento da obesidade infantil: papel da família	Joana Mira	Ongoing
Sobreposição asma-DPOC	João Gaspar Marques	Ongoing
Rheumatoid arthritis and ultrasound – Doctoral Program in Medicine – NOVA Medical School	João Madruga Dias	Ongoing
Influência de fatores ambientais nos níveis de stress de profissionais de saúde de um hospital da rede pública de saúde em Fortaleza, Ceará, Brasil	Jocélia Maria de Azevedo Bringel	Ongoing

A multiple behaviour approach 	Jorge Eduardo Conde Encantado Paulo	Concluded
Sustentabilidade Ambiental nos hospitais	Jose Chen	Ongoing
Expression of NK cell inhibitory receptors in women with endometriosis	José Manuel Lourenço Reis	Ongoing
Cirurgia minimamente invasiva lombar e lombo-sagrada	José Miguel Sousa	Ongoing
Obesity burden and costs – International Doctoral Program in Global Public Health - National School of Public Health	Kelli Destri	Ongoing
Relação entre a competência motora (real e percebida) e os fatores parentais, tipo de jogo e temperamento de crianças em idade pré-escolar e escolar	Liliana Filipa da Silva Cunha	Ongoing
Prescrição Social em Portugal: Avaliação do impacte e da implementação em Unidades de Saúde Familiar	Louíse Viecili Hoffmeister	Ongoing
Comparison of effectiveness in anti-pd1 checkpoint inhibitors in treatment of non-small cell lung cancer	Luís Castelo Branco	Ongoing
Modelo de referenciação e intervenção de fisioterapia baseado na estratificação do risco de desenvolver dor persistente e incapacitante em utentes com lombalgia: Efetividade e fatores associados à cronicidade.	Luís Gomes	Ongoing
Effects of Multimodal Exercise and Processing Speed Training on Cognitive Functioning and Functional Capacity in Institutionalized Elderly People	Luís Miguel Figueiras Galhardas	Ongoing
Análise do impacto da pandemia COVID-19 em profissionais de saúde hospitalares.	Luís Miguel Mendonça Galaio	Ongoing
How different is the mental health of men and women? Exploring the intersection between gender, social determinants of health and access to health care services	Luis Roxo	Ongoing
A influência do ambiente nos níveis de estresse, nos hábitos de sono e alimentares, e na saúde oral dos policiais militares do Estado do Rio de Janeiro	Luiz Octavio Garcia	Ongoing
Newborn Screening for Congenital Cytomegalovirus. A new approach.	Madalena Tuna	Ongoing
Functional disability among middle-aged and elderly Europeans: socioeconomic patterning, burden and policies	Manuel Serrano-Alarcon	Ongoing
eSaúde para pessoas com diabetes tipo 2. Uma App de exercício físico	Marco Paulo da Fonseca Gonçalves	Ongoing
Opportunistic infections amongst immunosuppressant patients”	Maria João Aleixo	Ongoing
Lesões pré-malignas e carcinomas do colo do útero em mulheres infectadas pelo Vírus da Imunodeficiência Humana (VIH) – importância da população linfóide local e da terapêutica anti-retroviral combinada (TARc)	Maria José Brito	Ongoing
Crescimento e composição corporal de crianças nascidas muito pré-termo: comparação entre duas coortes alimentadas com leite humano, respetivamente com fortificação alvo e padrão	Maria Manuela Cardoso	Ongoing
Saúde Mental de crianças e adolescentes migrantes em Portugal: vulnerabilidade a problemas e desafios no acesso a serviços	Maria Rita Marques Gonçalves	Ongoing

An insight into the Portuguese reality of pain, its treatments, and their impact in rheumatic diseases	Mariana Lemos	Ongoing
Affordances promotoras da mobilidade no espaço pré-escolar e suas relações com as competências motoras e sócio-emocionais da criança	Mariana Moreira	Ongoing
Upper Limb Musculoskeletal Symptoms in Assembly Line Workers	Marisa Martinho Guerreiro	Concluded
A formação contínua em contexto formal e não formal de trabalhadores das Unidades de Saúde Familiar do concelho de Évora: Estudo de caso múltiplo	Marlos Suenney de Mendonça Noronha	Ongoing
Exposição a diferentes fatores riscos em carpintarias	Marta Dias	Ongoing
Can concept mapping methodology facilitate the integration of complex concepts and multimorbidity?	Marta Fonseca	Ongoing
Subpopulações linfocitárias e expressão de citocinas na uveíte. Aplicabilidade diagnóstica e terapêutica	Marta Guedes	Concluded
Exploring B-cells in pregnancy: old players, new functions	Miguel Ângelo-Dias	Ongoing
Fatores associados e preditivos da Evolução da Funcionalidade e de Resiliência Física em idosos residentes na comunidade em Portugal	Miguel Marques Ferreira	Ongoing
Adenocarcinoma do Pâncreas, Diabetes e Microbiota	Miguel Vasques de Carvalho	Ongoing
Contexto ocupacional naval como potencial determinante dos níveis de vitamina D: o caso da Marinha Portuguesa	Moisés Henriques	Ongoing
Maternal fetal outcomes and vertical transmission of SARS-CoV-2 infection	Nádia Charepe	Ongoing
EXERCÍCIO FÍSICO, SONO E CAPACIDADE COGNITIVA EM DOENTES DE PARKINSON	Nara Dias	Ongoing
Viabilidade da implementação do Rastreio Visual Infantil: Estudo de caso do Centro de Saúde 25 de Setembro, Nampula, Moçambique	Nelva Sixpene	Ongoing
Efeitos de um programa de exercício físico multimodal na saúde, funções cognitivas e bem-estar subjetivo em indivíduos com diabetes tipo 2	Nilton João Chantre Leite	Ongoing
Efeitos da Manipulação da Relação Numérica e do Espaço de Jogo na Posse de Bola em Diferentes Escalões Etários no Futebol	Nuno André Pinto Nunes	Concluded
Cervical cancer screening among migrant women in Portugal	Patrícia Marques	Ongoing
Medicamentos inovadores: fatores determinantes do acesso	Paula Alexandra Ferreira Costa	Ongoing
Obstrução e inflamação dos vias gercos na asma em Idade pré-escolar	Paula Leiria Pinto	Concluded
Aspetos culturais e ambientais do consumo de açúcar na determinação da saúde bucal e qualidade de vida de crianças	Paulini Malfei de Carvalho Costa	Ongoing
A influência do controlo postural e do nível atencional na prontidão para a escrita em crianças de 5 e 6 anos, com e sem Perturbação de Hiperatividade e Défice de Atenção (PHDA)	Paulo Delgado	Ongoing

QUADRO TEMPORÁRIO RELATIVO A MEDIDAS DE AUXÍLIO ESTATAL EM APOIO DA ECONOMIA NO ATUAL CONTEXTO DO SURTO DE COVID-19 – (projecto nº 57250)	Pedro Correia	Concluded
Conflito femoro-acetabular	Pedro Dantas	Ongoing
Simulação em Pediatria: Ensino, Avaliação e Investigação	Pedro Garcia	Ongoing
Fatores morfológicos preditivos para a prescrição de dispositivo de avanço mandibular na abordagem terapêutica da síndrome de apneia obstrutiva do sono.	Pedro Miguel Teixeira Carvas Cebola	Ongoing
Desenvolvimento de multi-metodologia para a avaliação de tecnologias para a gestão integrada da saúde e acompanhamento remoto	Rafael Alexandre ires Miranda	Ongoing
Development of Ionic-Liquid-based Devices for the Removal of Cytostatic Drugs from Urine Excreted by Cancer Patients	Rafael Francisco	Ongoing
Non-volatile Solvents as a Promising Strategy to Improve Indoor Air Quality	Ricardo Teles Pais	Ongoing
Assessing pain management of non-inflammatory rheumatic diseases: osteoarthritis, fibromyalgia and low back pain	Rita Oliveira	Ongoing
The role of human virome in kidney transplant outcomes	Sara Querido	Ongoing
Efeitos Da Prática De Vinyasa Yoga Supta Na Performance, Controlo Postural E Marcadores De Saúde Geral De Pilotos de Caça F16 Da Força Aérea Portuguesa	Sara Santos	Ongoing
Vitamin D Status and Biomarkers of Functional Health and Ageing in Very-Old Adults: Analysis of the Newcastle 85+ Study	Sarah Hakeem	Ongoing
RESTART – Is caloric restriction behind the success of bariatric surgery? An intervention study based on the microbiota and adipocyte-centric view to improve the	Shámila Ismael	Ongoing
Patient-Centred Care (PCC) as idea, process and practice	Slavica Karajčić	Concluded
Caracterização dos níveis de atividade física e da capacidade funcional de pessoas idosas – os efeitos de um programa de exercício com realidade virtual	Soraia Daniela Pires Ferreira	Ongoing
ADIPOHSITE – ADvancing the obesogen hyPOtHeSIs Through biomonitoring, observation, and Experimentation	Susana Coelho	Ongoing
ADIPOHSITE – ADvancing the Obesogen HypotheSIs Through Experimentation	Susana Raquel Correia Coelho	Ongoing
Musculoskeletal Disorders in Primary Care Settings	Susana Tinoco Duarte	Ongoing
Adaptação da Formação Profissional do Fisioterapeuta em Função do Impacto Tecnológico na sua Prática Clínica: Realidades Formativas na Península Ibérica	Tarciano Batista e Siqueira	Ongoing
Iniquidades na saúde ambiental de crianças e mulheres na Bacia de Revué, Moçambique	Tatiana Jorge Marrufo	Concluded
lesões da rampa meniscal	Thiago aguiar	Ongoing
Avaliação ficcional num país de África	Tiago José da Silva Rodrigues	Concluded
Tratamento saúde mental de vítimas de violência de género	Ugne Grigaite	Ongoing

Conflito femoro-acetabular - Tese concluída classificação máxima	Vasco Mascarenhas	Ongoing
Synovial pathobiology and patient stratification in rheumatoid arthritis (SynPathRA)"	Vasco Romão	Ongoing
Organizational Health Literacy Responsiveness in Portuguese Primary Health Care	Yilian Pérez	Ongoing

3.6.3. Post-doc – 5

Project Title	Investigator
Características e desafios vivenciados por cuidadores formais de idosos dependentes no domicílio: estudo comparativo entre Brasil e Portugal.	Maria Do Livramento Fortes Figueiredo
Impact Of Dietary Protein On Disability In Ageing Europeans (Independent)"	Nuno Mendonça
Aplicação Programa Realidade Aumentada Em Idosos Residentes Na Comunidade	Daniel Velázquez Díaz
Boas práticas na segurança do paciente idoso hospitalizado: um olhar sobre a prevenção de quedas em hospitais universitários	Vilani Medeiros De A. Nunes
Risco para vulnerabilidade e condições de saúde da pessoa idosa na atenção primária: implementação da melhoria da assistência	Thaiza Teixeira Xavier Nobre

3.7. Interface with civil society

The CHRC is strongly committed to the tangible impact of the research in its translation into public policies and civil society, as well as in the provision of services to the community.

In 2021, CHRC researchers participated actively in 104 civil societies or scientific organizations, carried out 64 activities that contribute to the dissemination of scientific knowledge in civil society, and 60 provided services to the community. Finally, CHRC integrated members made more than 500 contributes to the *mass media*.

3.7.1. Activities that contribute to the dissemination and / or application of scientific knowledge in the civil society

TOTAL: 64

- Global Intensive Care Working Group of the European Society of Intensive Care Medicine (ESICM).
- Head of the Division of Sexual, Reproductive, Child and Youth Health - General Directorate of Health - until June 2020.
- KEEP ACTIVE! Videos of at-home workouts. Training action included in the teaching activities of the Sports Science course at the University of *Trás-os-Montes and Alto Douro*.
- Invited speaker at the International Master in Sports Performance Analysis at the University of *Trás-os-Montes and Alto Douro*. ISMAI Workshop Performance analysis.
- Speaker within the teaching activities of the Physical Education and Sport course at Instituto Universitário da Maia. Summer Event - September 25-26, 2020. Alicante (Spain): Costa Blanca Sports Science - Effects of Knowing the Task? Duration on Soccer Players? Positioning and Pacing Behavior During Small-Sided Games.
- I International Conference on *Detección de Talento y Pericia Deportiva - Facultad de Ciencias del Deporte*. Cáceres - Technology in the monitoring of sports development indicators.
- The 1st Comprehensive Health Research Centre (CHRC) Annual Summit - Using tracking data to measure the exposure to interpersonal contact: a tool to manage the impact of the Covid-19 quarantine in sport environments.
- Moderator at the Virtual Workshop Third International Workshop on Gerontechnology, on November 16, 2020, developed within the scope of the POCTEP Financed Project 0499_4IE_4_Plus_4_P: International Institute for Research, Innovation and Aging / International Institute for Research and Innovación del Envejecimiento, with the duration of 6 hours.
- President of the Portuguese Society of Orthopedics and Traumatology.
- General Secretary of the Society of Medical Sciences of Lisbon.
- Vice-president of the Portuguese Society of Rheumatology.
- Portugal's representative for the Healthy lifestyle or pro-health obsession during the pandemic - a multinational study. University of Gdansk, Poland.
- Scientific Committee of the XIV National Congress of Psychiatry, of the Portuguese Society of Psychiatry and Mental Health. Troy, 2020.
- Scientific Committee of the IPA (International Psychogeriatrics Association) International Congress 2020 (Virtual Congress). 2-3 October 2020.
- Scientific Committee of the 34th Meeting of the Study Group on Brain Aging and Dementia (webinar format). September 25 and 26, 2020.
- Jury of the Research Grants D. Manuel de Mello 2020 (CUF, *Fundação Amélia de Mello*), by appointment of the Scientific Council of FCM-UNL.

- Scientific dissemination: Article "Loneliness in the context of dementia and geriatric depression". Medical Journal of Primary Health Care (year VIII, nº 80, May / 2020, p.23): www.justnews.com - article originally published in the Journal of the XIV National Congress of Psychiatry 2020.
- Scientific Committee Member of the European Environment Agency.
- Scientific Committee member of the 1st Comprehensive Health Research Centre (CHRC) Annual Summit - November 19th and 20th (2020).
- Member of the Scientific and Organizing Committee of the 1st Ibero-American Colloquium on Health, Education and Social Representations. Pandemic, Health and Contemporary Social Thought. December 2-3, 2020.
- Lopes, M. J. (2020) Closing Conference of the 1st Ibero-American Colloquium on Health, Education and Social Representations. Pandemic, Health and Contemporary Social Thought. December 2-3, 2020.
- Lopes, M. J. (2020) Roundtable on the strategic future of research in the area of health policies and health services. 1st Comprehensive Health Research Center (CHRC) Annual Summit - November 19-20, 2020.
- Member of National Confederation of Solidarity Institutions (CNIS). Complex Intervention Funded Project - Social Responses in the Care Pathway for People with Dependence.
- Moderator on the issues of endocrinology and diabetes at the webinar organized by Health 4Moz (NGO) for interns, medical doctors, pediatricians and primary care physicians in Mozambique. November, 2020.
- Speaker at the webinar organized by the Association of young diabetics in Portugal. "New perspectives in the treatment of type 1 diabetes (350 participants)". December, 2020.
- Communication: Nursing Records in the Treatment of Complex Wounds, at the XI International Forum on Ulcers and Wounds, 2020.
- João, Ana Lúcia; Martins, Maria do Rosário. "Complex Wounds: Case Studies in the Treatment of Grade IV Pressure Injuries". Poster presented at the XI International Forum of Ulcers and Wounds, 2020.
- Bravo, J., Tomas-Carus, P., Veiga, G., Mendes, F., Raimundo, A., Pereira. C. (Presenters) & Mesquita, J. (Producers). (2020, June 03). As quedas no idoso: Segurança pela Prevenção. Massive Open Online Course. Miriadax. Available online.
- Bravo, J. (2020). Formador da unidade de formação geral "Didática do Desporto" no Curso de Treinadores de Futebol nível II – "Roots" / UEFA-C da Associação de Futebol de Évora.

- Bravo, J. (2020). Formador da unidade de formação geral “Pedagogia do Desporto” no Curso de Treinadores de Futebol nível II – “Basic” / UEFA-B da Associação de Futebol de Évora.
- Bravo, J. (2020). Formador da unidade de formação geral “Pedagogia do Desporto” no Curso de Treinadores de Futebol nível I – “Roots” / UEFA-C da Associação de Futebol de Évora.
- Participação em webinar comemorativo do Dia Internacional da Imunologia, associado ao tema “Vamos falar de vacinas?”, organizado pela plataforma COLife (CEDOC-NMS, FChamp, iBET, IGC, iMM e ITQB-NOVA) e promovido pela Sociedade Portuguesa de Imunologia, 29 de Abril de 2020.
- Colaboração com a iniciativa Science Digest da plataforma COLife (CEDOC-NMS, FChamp, iBET, IGC, iMM e ITQB-NOVA), com apresentação de um artigo de divulgação de ciência, Junho e Julho de 2020.
- National March and Race Program - Portuguese Athletics Federation
- Participation in the research project “Alert Mercury: Evaluation of exposure to mercury by quantifying it in biological samples (hair) and household dust”, developed under the framework of 10th grade Biology Discipline, Colégio Valsassina, Lisbon.
- Scientific / pedagogic coordination of the Basic Life Support Nucleus of the University of Évora - UEVORAREANIMA - certified by CPR and ERC
- European researchers' night - Control of motor neuromuscular activity and posturography in sports sciences.
https://www.youtube.com/watch?v=nUaV_ijx_w&feature=youtu.be
- Community Intervention Project - Active aging in Évora
- Development of health promotion materials aimed at professionals from different services and organizations, researchers, civil society and other elements of the community, with emphasis on the following materials: “Situational and policy brief: COVID-19 response and migrant health in Portugal”. Dias S, Ricoca Peixoto V, Vareda V, Gama A, Abrantes A. Published on the Lancet Migration website (2020); Scientific statement “Reducing the impact of the coronavirus crisis on those ‘left behind’ - Call for Action COVID-19”. Collaboration as a member of the EUPHA Migrant and ethnic minority health section (2020) Steering Committee; "Desconfinar Associativo - Manual of Recommendations for Youth Associations - Covid-19" and the "Information Leaflet - Desconfinar Jovem, Sua Causa" (2020). Collaboration, as a member of the Technical Team, with the National Federation of Youth Associations.
- Collaboration in the development of health promotion materials aimed at professionals from different services and organizations, researchers, civil society and other elements of the community, highlighting: “Situational and policy brief: COVID-19 response and

migrant health in Portugal”, Dias S, Ricoca Peixoto V, Vareda V, Gama A, Abrantes A. Published on the Lancet Migration website (2020).

- Participation in the Mental Health Law Review Group, created by the Ministries of Health and Justice.
- Conduction of two training courses on mental health and human rights.
- Member of the Organizing Committee of the '2nd Portugal / Brazil Transdisciplinary Congress on the baby', University of Évora, Évora.
- Placa, A., Almeida, G., Matias, A., & Santos, G. (2020). Effects of a psychomotor intervention mediated by music on motor skills in children aged 5 and 6 years. Poster presented at the 15th Child Development Seminar (SDMC), Coimbra, September 2020.
- Strategic dissemination of study results in the media; collaboration in the design and development of the Health Literacy Library, promoted by the Ministry of Health; training for Patients' Associations.
- LPCDR – Rheumatic Patient Support Forum.
- Collection of testimonies from doctors who are part of the Sentinela Doctors Network to be advertised on the website of the Portuguese Association of General and Family Medicine, in order to promote their participation in the Network and increase the sample size.
- Value Center Blog: www.vohcolab.org/value-center
- Participation in the organization of the Cycle of Digital Transformation Webinars to take place between 2019 and 2020 in a total of 12.
- Director of Epidemiology (RWE) at Novartis Global.
- Scientific coordination in Porto of the scientific research project: Inequalities in childhood obesity: the impact of the socioeconomic crisis in Portugal from 2009 to 2015. Project funded by the Portuguese Foundation for Science and Technology.
- Scientific and pedagogic coordination of the Fernando Pessoa Foundation Health and Leisure Academy.
- Training of coaches and athletes of the Federation of Gymnastics of Portugal in the area of Nutrition and Sleep.
- Reviewer of scientific journals in the area of Health Sciences, Nutrition and Physical Exercise.
- Publication of several reports in the "COVID-19 Barometer"
- National Patient Safety Plan 2021-2026
- Hospital Administrator responsible for the HGO research center, promoting research applied to medicine, management and all areas involved in the activity inherent in a hospital.
- Coordination of the Algarve Region Application to the European Innovation Partnership on Active Aging Reference Site.

- Participation in the debate of the 1st edition of "Ideas that Change the World" - an initiative sponsored by Expresso, SIC Esperança and Bayer. February 10, 2020. Lisbon, Portugal.
- Interview on Active Aging. Magazine of CUF Hospitals. March 2, 2020.
- Participation in a digital conference on autoimmune diseases. The initiative involved Expresso, GSK, The Portuguese Society of Rheumatology and Lupus Patient Associations. May 6, 2020. The news article can be found at <https://expresso.pt/sociedade/2020-05-07-Ha-um-balanco-que-tem-que-ser-feito-entre-o-risco-de-infection-and-the-return-to-normal-life>. The video summary of the conference is available at <https://expresso.pt/sociedade/2020-05-08-Covid-19-O-impacto-da-pandemia-no-tratamento-das-doencas-autoimunes>.
- "Fight for a good future year" for APDH - Portuguese Association for Hospital Development. July 16, 2020. Available at: <https://www.apdh.pt/artigo/53>
- interview to Rx to the Portuguese Society of Rheumatology newsletter. October 2, 2020.
- Patient Innovation in the online program of the European Night of Researchers in Portugal. November 27, 2020.

3.7.2. Provision of services to the community / civil society

TOTAL: 60

- "Brincar na Rua" - Promotion of actions to boost outdoor play in communication
- Development of strategies, coordination of programs and collaboration in the assessment and risk management of national areas of obstetrics and pediatrics
- Creation and national promotion, in collaboration with midwifery services from different national regions, of the national database of pregnant women with COVID-19
- Portuguese Football Federation: UEFA Pro football coaches' course (12h)
- Portuguese Football Federation: UEFA A football coaches course (2h)
- Director of the Orthopedics Service of Hospital São Francisco Xavier - CHLO
- Founding Member of *Associação Viver a Infância*
- Founding Member and Vice-President of the General Assembly of the International Play Association Portugal
- Founding Member and Secretary of the Bureau of the Association Assembly 1,2,3 *Macaquinho do Xinês*

- Provision of training and consultancy services to the APPACDM institution in Évora, within the scope of the “Discovering the sounds” project, BPI Prize "La Caixa" Capacitar 2019
- Responsible at FCM-UNL for the articulation with Alzheimer Portugal under the protocol for the provision of technical and scientific consultancy, collaboration in academic activities and research activities
- Extended Working Group of the Portugal *Mais Velho Project* (APAV, with the support from the Calouste Gulbenkian Foundation) dedicated to violence and abuse on elderly people (2019-2020)
- Governmental working group on Environment and Climate Action (GTAAC), in collaboration with the Portuguese Environment Agency
- Individual Care Plan - Application in the context of *Hospital do Espírito Santo de Évora*
- Diagnosis of informal caregivers in the municipality of Évora. Application by invitation from APPACDM
- www.isleep.pt
- Creation and implementation of the provision of services to the community in the Pathophysiology laboratory (Diário da república, 2nd series - No. 21 - January 30, 2015)
- Coordinator of the Project Knowing & Preventing HIV-AIDS in the Academic Community, Community intervention project. Consisting of 3 strands: 1) Training; 2) Intervention and 3) Research
- Member of the DGS working group to evaluate criteria for placing continuous insulin infusion systems in diabetology centers.
- Jury of the Nursing Research Award “Mariana Diniz de Sousa” of *Ordem dos Enfermeiros*
- Participation in the SRSul initiative of the *Ordem dos Enfermeiros* to raise awareness for vaccination
- Member of the organizing committee of the 2nd Meeting of the Southern Regional Section of the *Ordem dos Enfermeiros*
- Protocol with ISS (Social Security Institute) - Conducting research tests of Sars-CoV-2 to employees of 20 ERPIS in Alentejo Central, through weekly testing
- Protocol with CIMAC (Inter Municipal Community of Alentejo Central) - Conducting research tests of Sars-CoV-2 to employees of the municipalities of Alentejo Central
- Collaboration with the Surgery Service of Hospital de S. José
- Management of the Immunology and IDPs Laboratory of NOVA Medical School (Provision of services to the Community)
- Director of the Laboratory of Immunology and Primary Immunodeficiencies (Provision of Services to the NMS Community)

- Founding member of the Ecological Group “Parents for Future - Portugal”
- Member of the Technical Group for Internet and Cybersecurity of the Foundation for Science and Technology
- Collaboration in the definition of Medical Informatics Standards (revision of the ISO TS 13131 Technical specification), collaboration with *Instituto Português da Qualidade*
- Member of the Advisory Board of EuPrimecare
- WHO Strengthening Human Resources Information Systems Working Group
- Cooperation with the Ministry of Health of Cape Verde / WHO.
- Member of the Evaluation Board of the Master Care and Technology (joint degree) coordinated by Zuyd University of Applied Sciences. For the Dutch accreditation agency: The Accreditation Organization of the Netherlands and Flanders (NVAO)
- Member of the Task Force for “Hospital Reorganization”
- Member of the task force to respond to the Public Discussion on “Hospital Reform”.
- Member of the Working Group on Professional Mobility Europe
- Academic Member of the Committee “*Avaliação de Desempenho dos Directores Executivos dos ACES*”
- Organization and realization of BLS / DAE courses in the academic community (University of Évora), in civil society (companies, secondary schools, Hospital, Homes)
- Évora Football Association - Course "UEFA PRO" - U. C. Exercise physiology
- Scientific coordination of the monitoring and evaluation component of the Municipal Strategy “Local Pact to End HIV / AIDS Epidemic in Amadora - Fast-Track Cities Amadora”
- Coordination of the technical-scientific support team to the Municipal Strategy Coordination Group “Cascais on the Fast Track to end the HIV and viral Hepatitis epidemic - Fast-Track Cities Cascais”, with a focus on monitoring and evaluating the municipal strategy (2018-2024)
- Participation in educational activities at Feira de S. João in the pavilion of the University of Évora.
- Participation in activities with the City Council of Évora on topics related to food, namely the day of food
- Editorial management of the LPCDR Info newsletter, organization of the Rheumatic Patient Support Forum
- Drawing of Patient Pathway in Amyotrophic Lateral Sclerosis - a project in collaboration with APELA
- Coordination of a working group for Smart Screening and Hygiene Operation for COVID-19 tests and research, Portuguese Red Cross (CVP)
- Projects of articulation with the community within the scope of the activities of the Mental Health Unit of Oeiras of CHLO. Project XYZ to support families in the area of

Mental Health, during the period of the covid-19 pandemic, in articulation with the Municipal Chamber of Oeiras, IPSS, schools and other partners

- Member of the Technical Support Office for Mental Health of ARS LVT
- Representative of Seixal's City Hall as a member of the healthy Seixal group
- Participation in "Caminando Juntos" Webinar on Health and Education
- Participation in Novartis' Webinar entitled Derma Reuma "Management of Chronic patients in a pandemic era: from Italy to Portugal"
- Workshop on artificial intelligence as a support system for clinical decision. Portuguese Pharmacy Students Association
- Provision of services for consulting and monitoring the project "Rehabilitate for life" at the Humanitarian Center of the Red Cross of Tavira; financed by CRESC Algarve 2020 - Regional Operational Program for the Algarve - Partnerships for Impact Program. Total financed 268859 € - Sub-contracting from UALG: 45000 €; ref: ALG-06-4234-FSE-000025, (2020-2022)
- Provision of services for consulting and monitoring the project "Volta ao Monte" of ODIANA- Association for the Development of Baixo Guadiana; financed by CRESC Algarve 2020 - Regional Operational Program for the Algarve - Partnerships for Impact Program. Total financed 244025,72 € - UALG subcontracting: 42783,03 €, ref: ALG-06-42-FEF-000020 (2020-2022)
- Supervisor in the area of Nutrition and Sleep in the preparation of athletes with high sports performance
- Lectures in the areas of Nutrition and Sleep in seminars organized by schools and clubs
- Coordination and integration of teams in various projects related to the transfer of skills to city councils within the scope of health decentralization with the projects "Health Profile, Determinants and Use of Health Services of the population of the Municipality of Torres Vedras: contributions to the Health Planning and Intervention by municipal actors. " and "Health Profile Project, Determinants and Use of Health Services of the population of the Municipality of Odivelas: contributions to Planning and Intervention in Health by the municipal actors
- President of the MMM association, which helps in the mobility of children with psychomotor problems
- Volunteer at Associação 13, which supports the homeless in Lisbon

- Coordinator of the CHULC Research Center; 2010-2021.
- Coordinator of the Nutrition Laboratory of HDE, CHULC; 2018-2021.
- HDE Coordinator of the CHULC Nutrition Commission; 2016-2021.
- Coordinator of the Pediatrics Section of the Portuguese Association of Enteric and Parenteral Nutrition (APNEP);
- 2019-2021. Member of the Quality Improvement and Patient Safety Research group at UNL;
- 2013-2021. Member of the Mediterranean Nutrition (MeNu) group;
- 2017-2021. Member of the Nutrition Committee of the Portuguese Society of Neonatology
- member of the Scientific Council for Life and Health Sciences of the Foundation for Science and Technology, MCTES;
- Member of the Ethics Committee for Clinical Research, INFARMED, MS
- Vice President of the Portuguese Society of Allergology and Clinical Immunology (SPAIC)
- Chief Editor of the European Annals of Allergy and Clinical Immunology
- Portuguese co-chair of ARIA (Allergic Rhinitis and its impacts on asthma)
- Delegate of GARD (Global Alliance Against Chronic Respiratory Diseases)
- Coordinator of the training center at GARD-CPLP
- Member of the Board of the College of Immunoallergology of the Ordem dos Médicos
- Chairman of the Board of the Association for Rehabilitation and Integration Aid (IPSS)
- Vice President of the Health Technology Assessment Commission (Infarmed)
- Member of the Advisory Board of the Regulatory Entity of Health (2019-present).
- Representative of the International Diabetes Federation, European Region at the Patients 'and Consumers' working Party (PCWP) of the European Medicines Agency (2016-present).
- Chairman of the Board of the General Assembly of Diabentejo - Associação dos Diabéticos Alentejanos (2015-present).
- Vice President of the International Diabetes Federation (2020-2022)
- European Spine Society - Eurospine, Aospine International, Portuguese Society Of Orthopedics and Traumatology
- Vice-president of the Portuguese Society of Rheumatology
- Portuguese Society of Family Therapy (effective member)
- Brain Aging and Dementia Study Group (1st member of the Fiscal Council 2019-2020).
- Portuguese Society of Psychiatry and Mental Health (member)

- IPA - International Psychogeriatric Association (member)
- Member of ASPESM - The Portuguese Society for Mental Health Nursing
- Secretary of the Assembly of the Social, Cultural and Sports Association Unidos de Rossas
- Regional Director of the Portuguese Nurses Union
- Vice-President of the Portuguese Swimming Federation
- Member of the Advisory Board of the School of Nursing of the University of Minho, by cooptation of its members
- Portuguese Society of Geriatrics and Gerontology - Member of the Scientific Council
- www.appsp.org
- President of the General Council of the Association of Retired, Pensioners and Elderly People of the Parish of Sra. da Saúde (ARPIFSS),
- ELCOS Portuguese Wound Society, Member and Regional Coordinator.
- *Ordem dos Enfermeiros* - Substitute of the Directing Council of the Regional Section of the South and Expert of the *Ordem dos Enfermeiros*.
- Member of the Directorate of the Portuguese Association of Cardiovascular Intervention (APIC)
- OPSS - Coordination
- Consultant for Clinical Research of *Ordem dos Farmacêuticos* (since 2016)
- Member of the Advisory Board of the Collaborative Laboratory Value4Health CoLab (since June 2019)
- Member of the Portuguese Epidemiology Association
- Chair of the General Council of Instituto Politécnico de Beja.
- Chair of the AAP - HSM General Council
- Board Member of APDH
- Member of the Social Bodies of the Portuguese Association for the Promotion of Public Health (APPSP)
- Chairman of the Fiscal Council of the Portuguese Society of Clinical Communication and Health Communication (SP3CS).
- President of the Sub-specialty in Maternal-Fetal Medicine of *Ordem dos Médicos*
- Chairman of the Supervisory Board of the Portuguese Society of Obstetrics and Maternal-Fetal Medicine
- Secretary of the General Assembly of the Federation of Portuguese Societies of Obstetrics and Gynecology (FSPOG)
- Member of Society of Medical Sciences of Lisbon
- Member of the Portuguese Association of General and Family Medicine
- Member of the National Association of Teachers and Advisors of General and Family Medicine

- Member of the Board of the Portuguese Association of Obstetric Nurses
- Member of the Scientific Council of the National Program for the Promotion of Physical Activity (PNPAF) of the Directorate-General of Health (DGS)
- Member of the Consultants' Panel of the Portuguese 24h Movement Guidelines
- Scientific coordinator of COVID-19 serological testing at CEDOC | NMS and Institutional representative of Serology4Covid Consortium (IGC, IMM, ITQB, IBET and CEDOC | NMS)
- Representative of the University of Évora in Portugal's Paralympic Committee
- Member of the Portuguese Mental Health Nursing Society
- Member of the Iberian Society of Cytometry (SIC), collaborating in the Working Group "Accreditation of Tests by Flow Cytometry" (Working Group "*Acreditación de Ensayos por Citometría de Flujo*") and as Member of the Board of Directors of the Iberian Society of Cytometry (SIC)
- Member of the Portuguese Society of Allergology and Clinical Immunology (SPAIC) and of the Interest Group on Primary Immunodeficiencies
- Member of the Portuguese Society of Immunology (SPI) and GPIIP (Portuguese Group of Primary Immunodeficiencies)
- Member of the SRL Outreach Task Force of ISAC (International Society for Advancement of Cytometry)
- Member of the Task Force of the European Academy Allergy Clinical Immunology: EAACI / GALEN Task Force on the allergic child at school.
- Member of the Task Force of the European Academy Allergy Clinical Immunology, EACCI Pediatric rhinitis
- Member of the Task Force of the European Academy Allergy Clinical Immunology, EAACI Allergic contact dermatitis in children
- Member of the Task Force of the European Academy Allergy Clinical Immunology, EAACI Food Allergy and Anaphylaxis
- Member of the Board of the Infection and Sepsis Group
- Member of the Science and Development Committee of Portugal's Olympic Committee
- President of the General Council of the Lisbon Nursing School
- Member of the Portuguese Telemedicine Association
- Member of the EHMA - European Health Management Association
- Member of the scientific committee of the Federation of Gymnastics of Portugal
- Member of the Scientific Council for Life and Health Sciences of the Foundation for Science and Technology - CCCVS
- APE member
- Member of APEGEL - Member of the Scientific Committee

- Collaborates with DGS on a voluntary basis in the Child Health office with Nurse Barbara Menezes
- Director of *Associação Chão dos Meninos*
- President of the Board of the Portuguese League Against Rheumatic Diseases
- President of the Board of EUPATI Portugal
- ANDAI Treasurer
- Representative of the Portuguese League Against Rheumatic Diseases on the Health in Dialogue Platform
- Invited member of the COVID-19 Vaccination Task Force (patient associations)
- Proximity Medication Working Group (Patient Associations - National Health Convention)
- Portuguese Association of Otoneurology
- Member of the Scientific Council of the Portuguese Association of Amyotrophic Lateral Sclerosis (APELA)
- Board Member of AITADIS (*Asociación Iberoamericana de Tecnologías de Apoyo a la Discapacidad*)
- Member of the eSIS Advisory Council for Health Information Systems at the Portuguese Shared Services of Health Ministry
- Member of the cybersecurity advisory council at the Portuguese Shared Services of Health Ministry
- Member of the Portuguese Association of Hospital Administrators (APAH)
- President of Portuguese Society of Rheumatology
- Participation in the preparation of the Regional Development Strategy - Algarve 2030
- Member of the Advisory Board of *Rede Portuguesa Ambientes Saudáveis, Inteligentes e Amigáveis*
- Member of the "Algarve Regional Innovation Council (CIRA)" of the CCDR Algarve Commission for the Coordination and Regional Development of the Algarve
- Member of the "Health, Wellness and Life Sciences" working group of the Regional Innovation Council of the Algarve
- Head of the Osteoporosis working group of the Portuguese Society of Rheumatology.
- Member of the Ethics Committee of CENC - Center for Electroencephalography and Clinical Neurophysiology, Lisbon
- Member of the Scientific Committee of the Federation of Gymnastics of Portugal, Lisbon
- Member of the Coordinating Committee of the Center for Research in Public Health
- Special project editor of the International Journal for Quality in Health Care
- Member of the editorial board of *Revista Portuguesa de Cardiologia*

- Member of the Executive Committee of the Gulbenkian Challenge “Stop Infeção Hospitalar!”
- Member of the Executive Committee and Scientific Committee of the *Boas Escolhas, Melhor Saúde* Project, Fundação Calouste Gulbenkian
- Vice-president of the Portuguese Association for the Promotion of Public Health
- Member of the Strategic Council of the Clinical Academic Center of Beiras
- National Association of Public Health Physicians
- Portuguese Rehabilitation Nursing Association

4. FINANCIAL EXECUTION

4.1. Financial execution until December 2021

The overall financial execution (includes information from all management institutions) of CHRC **Base Funding** until December 2021 is presented in the table below.

	2020-2021 BUDGET		2020-2021 EXPENDITURE		%
Human resources	€	333 142,86	€	104 225,93	31,3
Missions	€	-	€	-	
Consultants	€	-	€	-	
Acquisition of goods and other services	€	280 025,00	€	61 055,17	21,8
Patent registration	€	-	€	-	
Adaptation of buildings and facilities	€	-	€	-	
General expenses	€	168 541,96	€	41 615,80	24,7
Demonstration, dissemination and promotion	€	58 000,00	€	-	0,0

Other current expenses	€	-	€	-
Equipment	€	3 000,00	€	1 182,11 39,4
Total	€	842 709,82	€	97 528,95 11,6

The overall financial execution (includes information from all managing institutions) of the CHRC **Programmatic Funding** up to December 2021 is presented in the table below.

	2020-2021 BUDGET		2020-2021 EXPENDITURE		%
Human resources	€	334 285,71	€	114 318,71	29,3
Missions	€	209 784,31	€	83,05	0,0
Acquisition of goods and other services	€	55 500,00	€	11 423,92	30,5
Demonstration, dissemination and promotion	€	62 870,00	€	29 089,84	46,3
Other current expenses	€	-	€	-	
Equipment	€	109 500,00	€	37 045,81	92,6
Total	€	771 940,02	€	191 961,33	25,9

Main conclusions concerning:

- **Base Funding:** the total execution rate of base funding is well below the forecast: 11.6%. Items can break down this execution: human resources 31%, acquisition of goods and services 21.8%, general expenses 24.7% and equipment 39.4%.

- **Programmatic Funding:** the total implementation rate for core funding is well below the forecast: 26%. Headings can break down this execution: human resources 29.3%, missions 0.04%, acquisition of goods and other services 30.5%, demonstration, dissemination and promotion 46.3%, and equipment 92.6%.

This very fragile situation of financial execution is due, so far, to two main factors. On the one hand, the pandemic crisis that delayed the start of the strategic performance, a situation widely described in the 2020 management report, but which somehow also had an impact still in the year 2021.

The second factor is related to the difficulties experienced concerning the agility of the bureaucratic aspects that mark the procedures for acquiring goods, services, and equipment and hiring human resources. The delays in these processes are longer than expected.

The Executive Committee of the CHRC initiated a financial recovery plan in January 2022, which aims to address this situation and leverage the financial execution of both fundings of the CHRC, having for this purpose reformulated the strategic document of the CHRC.

Briefly, it should be mentioned that this plan strongly bets on the reinforcement of objective 1: To strengthen the research team to establish an intellectual power-house in the critical research areas of the CHRC, with new full-time researchers under cross-sectional research projects. This action translates into hiring two post-doctoral fellows and hiring one FTE in the area of engineering and technological development. The reinforcement of the first strategic objective will be financed through base funding.

Strategic Objective 2: To increase the ability to attract public and private funding. One strategic goal is to increase our participation in international projects, and another is to obtain funding from pharmaceutical companies and philanthropic sources, which will also be reinforced through core funding and translates into the hiring of 1 more FTE post-doc.

Strategic Objective 7: Results communication, international visibility, and scientific culture promotion will also be reinforced through base funding, hiring more human resources in this area.

The objective of assuring structure, management, and organization will be reinforced by hiring a human resource in project management, acquiring consulting services for the organization of procedures, and finally, hiring a human resource in the area of business analytics.

Finally, concerning core funding, support for scientific publications and missions that correspond to an increase in the internationalization of the research unit will be reinforced.



This report was elaborated based on information collected from 123 questionnaires on the scientific indicators filled by CHRC integrated members. This questionnaire was launched by email in 1st February. For the purposes of the management report, data received up to 13 February was considered.

This report written in February 28, 2022.

This report was approved by CHRC Executive Commission.