

2020

Management Report

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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 2020 a total of 166 integrated PhD Researchers, 85 PhD students, and 41 integrated non-PhD researchers and technicians. CHRC grew in the number of people involved, presenting an increase of 33% in integrated PhD researchers and 42% in PhD students.

Regarding scientific impact indicators in 2020, CHRC presented a total of 539 publications. About half of this number (262) are scientific articles published in high-impact journals. The CHRC PhD integrated researchers are involved, as principal investigators or participants, in 124 national and international projects, equivalent globally to almost 42M €.

Integrated members of the CHRC are involved with 48 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. The effort to transfer scientific knowledge is translated in 6 patents and 9 prototypes and software.

In 2020, CHRC researchers participated as active members in 104 civil societies or scientific organizations, carried out 64 activities that contribute to disseminating scientific knowledge in civil society, and 60 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, and made important advances in all, nevertheless, the pandemic crisis for SARS-CoV-2, which blasted globally and greatly affected research and strategic plans, as well as had a significant impact in pursuing the objectives of setting up a structure solid research support. These facts also obstructed the expected financial execution.

1. STRATEGY DEFINITION AND 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.

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 is grounded on three strings:

1st) Platforms for technical and administrative assistance

- **Executive and management office** 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** to boost researchers fundraising by helping them to know and prepare proposals for applying for national, international, and structural funding;
- **Communication office** services towards outside, but also to ensure the communication and dissemination of information between the management units of CHRC.

2nd) Platforms for scientific support and training

- **Training and education unit** that aims to support the creation of teaching and advanced training opportunities for researchers and students at the CHRC;
- **Data analysis office** to assist with quantitative and qualitative methods of data analysis;

- **Biobank** structure and service as essential infrastructure to support biomedical research, addressing all its facets, such as prevention, diagnosis, treatment, and monitoring of specific characteristics of a disease.

3rd) Annual structural initiatives

- **CHRC Research Grants** is a yearly initiative awarding collaborative and multidisciplinary projects, with a total endowment of 320,000 €;
- **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;
- **Financial support for scientific publication**, stimulating the scientific production of CHRC member researchers;
- **CHRC PhD scholarships (15 positions)** within CHRC management institutions and thematic lines, funded by FCT, IP.

CHRC started in January 2020. In March of the same year, the pandemic crisis for SARS-CoV-2 blasted globally and greatly affected research and strategic plans, as well as had a significant impact in pursuing the objectives of setting up a structure solid research support. These facts also obstructed the expected financial execution.

Regarding the first string of platforms for technical and administrative assistance:

- In August 2020, the employment contract for the Executive Director, responsible for the Executive and management office, was established.
- During 2020, tenders were prepared for 3 positions in the funding office, 1 position for senior communication technician and the entire procedure to acquire specialized website construction and communication strategy services began to be prepared. Due to bureaucratic barriers, procedures were not concluded in 2020.

Considering the second strategic string - platforms for scientific support and training:

- The implementation kick-off of the biobank took place in September 2020, with the beginning of the Researcher's employment contract responsible for the coordination and implementation of the CHRC Biobank.
- In addition, equipment, software, and consumables, necessary for the assembly and operation of the Biobank were purchased, and negotiations

began for the processing and transportation of sample collections from CHRC researchers located in other institutions.

- In November 2020, started one Principal Investigator's contract to execute, regularly, research and development activities and all other scientific and technical activities within the mission of the CHCR R&D Unit.
- Also, during this year, tenders were prepared for 2 post-doc positions for the data analysis methods office.

About the third strategic string - annual structural initiatives:

- Two collaborative and multidisciplinary projects proposed by integrated members of the CHRC were awarded the amount of € 80,000 in 2020. The projects will be carried out within 24 months following the award.
- CHRC summit was held for 2 days, which brought together about 120 participants, members of the CHRC, simultaneously, and offered 5 conferences, 4 round tables, 20 presentations of CHRC projects. Because it was carried out remotely, given the pandemic situation, it only involved the expense of the webinar platform.
- Ten out of the 15 PhD scholarship positions were awarded, whose contracts started between September and November 2020 and are directly supported by FCT.

2. CHRC PEOPLE

364

Total members
(integrated & collaborators)

292

Total integrated
members

166

Integrated PhD
researchers

85

PhD students

Up to December 2020, CHRC gathered a total of 166 integrated PhD Researchers, 85 PhD students, and 41 integrated non-PhD researchers and technicians. In addition, as a result of the potential and work developed within CHRC, 72 researchers, integrated in other national research units, joined the CHRC as collaborating members.

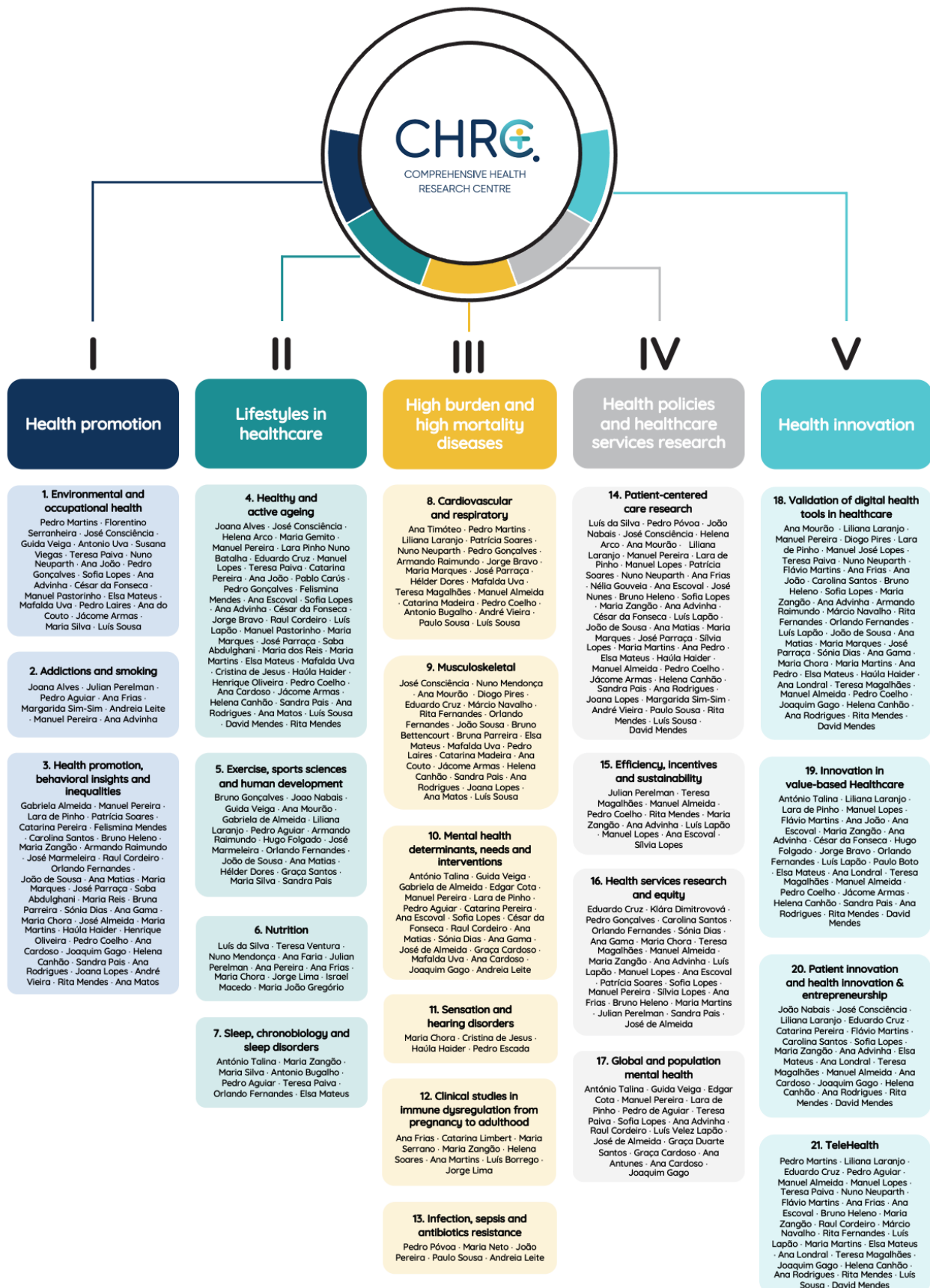
In January 2020, the official starting date of the CHRC, members numbers were as follows: 125 integrated PhD researchers, 60 PhD students, 48 integrated non-PhD researchers and technicians, and 47 collaborating members.

A comparison exercise shows that, in 2020, CHRC grew in number of people involved, presenting an increase of 33% in integrated PhD researchers and 42% in the number of PhD students.

2.1. People by management institutions



2.2. People by thematic lines



3. SCIENTIFIC INDICATORS

3.1. Publications

In 2020, CHRC presented a total of 539 publications. About half of this number (262) corresponds to scientific articles published in high impact journals (Q1 or Q2 - SCOPUS index).

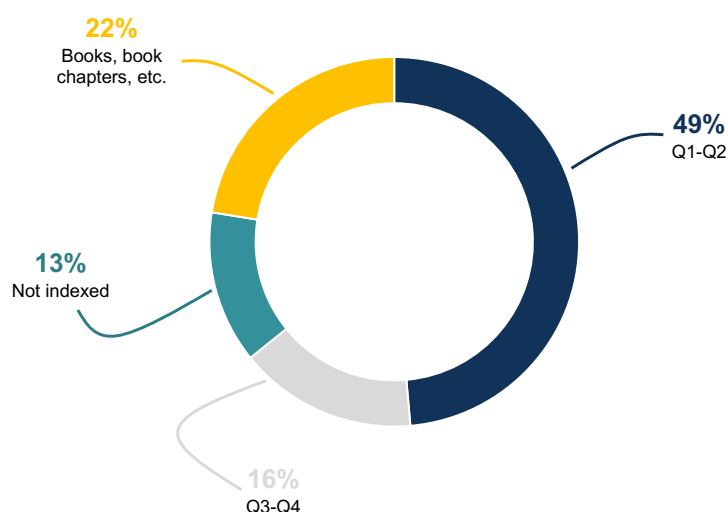
CHCR researchers published 84 Articles in peer-reviewed journals Q3 and Q4 (SCOPUS index), and 72 articles in other journals (not indexed). Regarding books, book chapters and other publications, CHRC registered 121 existences.

The thematic line that presents the greatest number of articles in scientific articles published in reference journals (Q1 or Q2) is TL III – High burden and high mortality diseases, followed by TL II – Lifestyles in healthcare.

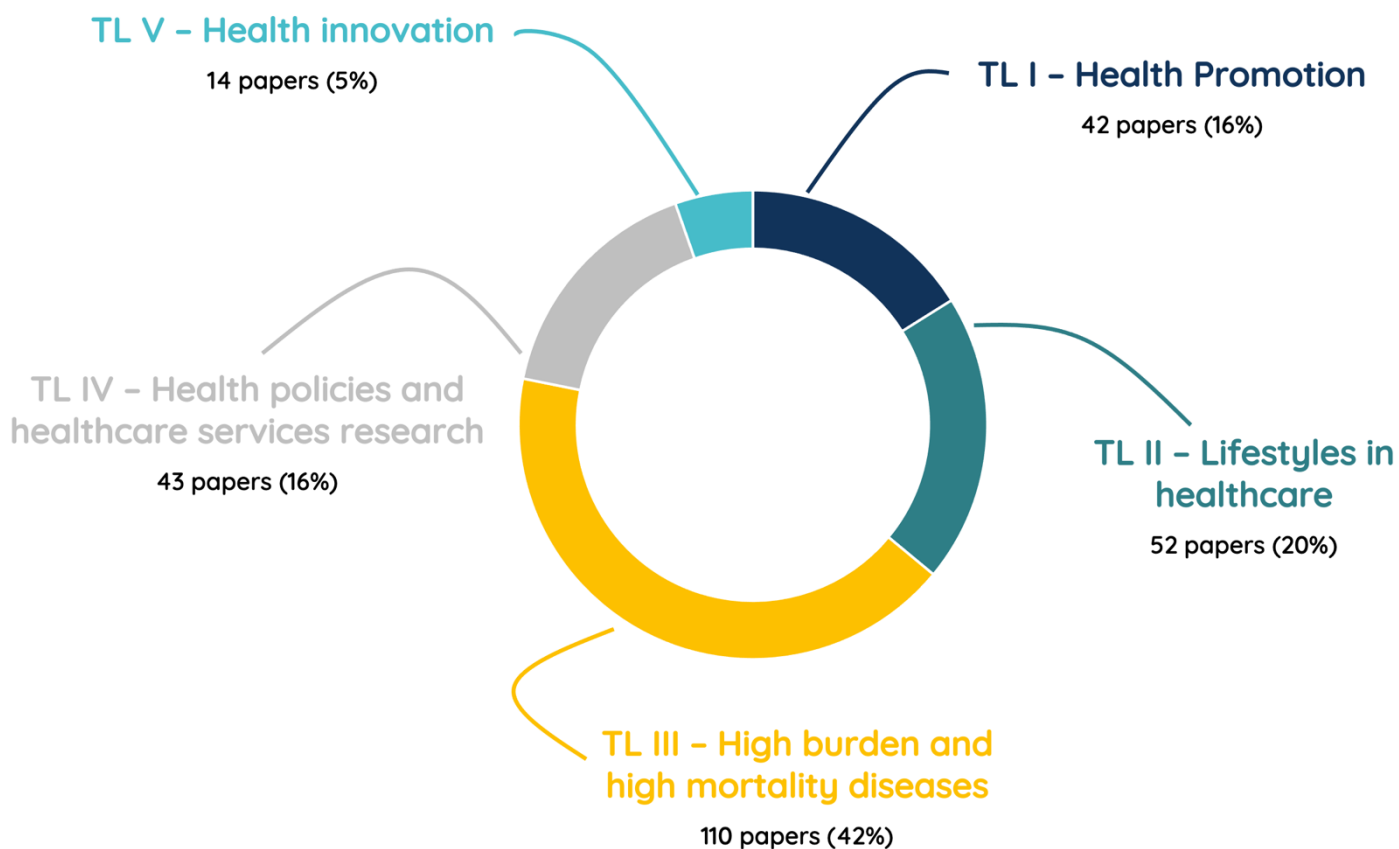
The publication of scientific articles in high impact indexed journals is one of CHR's strategic priorities and will implement in 2021 an initiative of direct financial support for this kind of scientific production.

539

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



3.1.1. Articles in peer-reviewed journals - SCOPUS index - Q1 and Q2ⁱ



TOTAL: 261

A

Afonso, S., Lopes, S. (2020) Differences in clinical characteristics and utilization of emergency department by high-frequency users. *Journal of Emergency Medicine*. 59(1):153–160. <https://doi.org/10.1016/j.jemermed.2020.03.012>

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Alves, J., Filipe, R., et al. (2020) Change in prevalence and social patterning of first- and second-hand smoking in Portugal: a repeated cross-sectional study (2005 and 2014). *International Journal of Environmental Research and Public Health*, 17(10):3594. <https://doi.org/10.3390/ijerph17103594>

Alves, R., Caneiras, C., et al. (2020) Medical electronic prescription for home respiratory care services (Pem-crd) at a Portuguese university tertiary care centre (2014–2018): a case study. *Sustainability (Switzerland)*. 1;12(23):1-11. e9859. <https://doi.org/10.3390/su12239859>

Amin, S., Dunn, A. G., & Laranjo, L. (2020) Exposure to e-cigarette information and advertising in social media and e-cigarette use in Australia: A mixed methods study. *Drug and alcohol dependence*, 213, 108112. <https://doi.org/10.1016/j.drugalcdep.2020.108112>

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Azoulay, E., Russell, L., et al. (2020) Diagnosis of severe respiratory infections in immunocompromised patients. *Intensive Care Med*. 2020 Feb;46(2):298-314. <https://doi.org/10.1007/s00134-019-05906-5>

Azoulay, E., de Waele, J., Ferrer, R. et al. (2020) International variation in the management of severe COVID-19 patients. *Crit Care* 24, 486. <https://doi.org/10.1186/s13054-020-03194-w>

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Duarte, C., Carvalheiro, H., et al. (2020) Correction to: Prevalence of vitamin D deficiency and its predictors in the Portuguese population: a nationwide population-based study. *Arch Osteoporos*. Apr 2;15(1):55. <https://doi.org/10.1007/s11657-020-00728-1>

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Ferraz, R., Gonçalves, B., et al. (2020) Effects of Knowing the Task's Duration on Soccer Players' Positioning and Pacing Behaviour during Small-Sided Games. *International Journal of Environmental Research and Public Health*, 17(11), 3843.

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3.2. Funded projects active in 2020 (national and international)

The CHRC PhD integrated researchers are involved, as principal investigators or participants, in 124 projects, equivalent globally to almost 42M €.

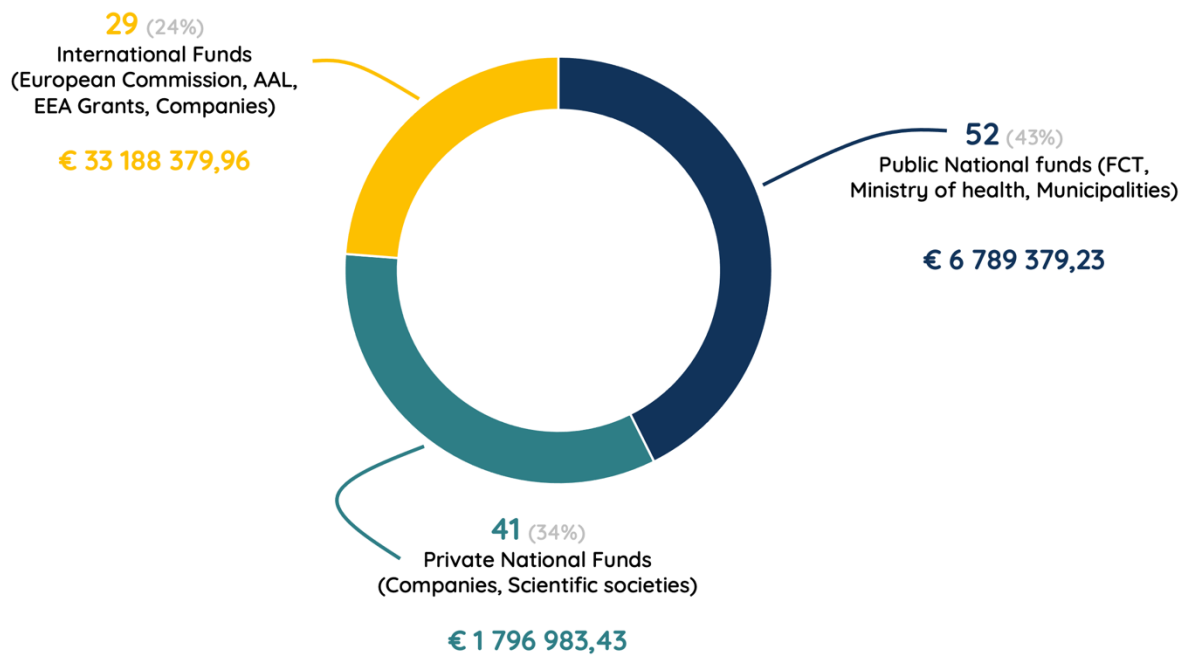
124

Active projects

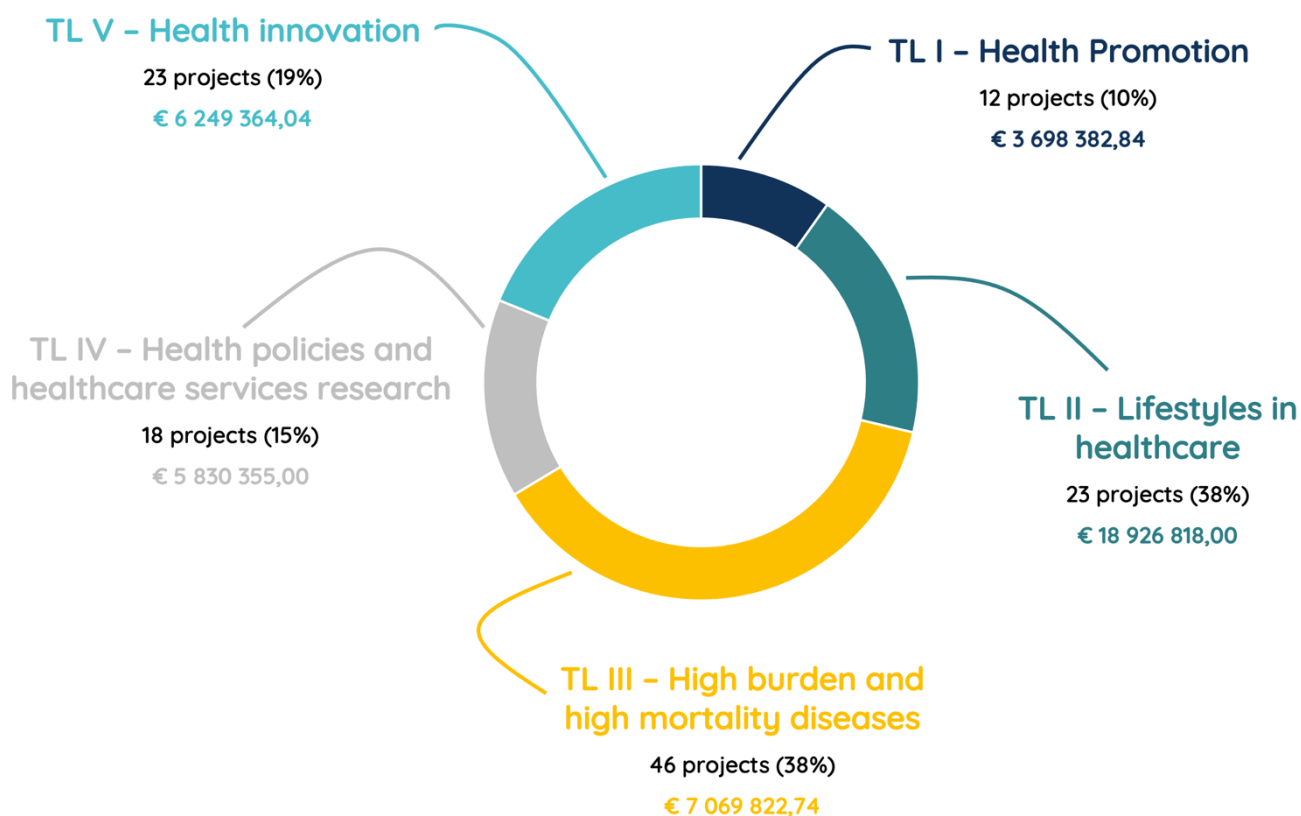
€ 41 774 742,62

TOTAL AMOUNT OF
FUNDING

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



Research projects' total funding is distributed by thematic line:



3.2.1. TL I: Health promotion

| Title | Funding entity | Amount of funding |
|---|---|-------------------|
| <i>Intervenção da Saúde Ocupacional junto dos profissionais de saúde com exposição a SARS-CoV-2 (Covid-19) na recuperação da pandemia</i> | FCT | € 27 500,00 |
| MycoClimaChange – Exposure to mycotoxins in a climate change scenario | EEA | € 10 000,00 |
| Transnational Cooperation - Scientific Cooperation Agreement between Portugal and Poland for the 2019/2020 biennium | FCT, Polish National Agency for Academic Exchange | € 4 000,00 |
| ELEVATE: Early detection of cervical cancer in hard-to-reach population of woman through portable and point-of-care HPV testing | Horizon 2020 | € 3 310 000,00 |

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|---|--|--------------|
| <i>Relacionamentos, Stress e Agressão em tempos de Covid-19 em Portugal: novos contornos na violência doméstica e desigualdades de género? (RSA Covid-19)</i> | FCT | € 40 000,00 |
| <i>Literacia em Saúde, Promoção da Saúde e Coesão Social em Populações Migrantes: Prevenção de Doenças Não-Transmissíveis</i> | Calouste Gulbenkian Foundation, High Commission for Migration, Novartis, Lisbon City Council | --- |
| <i>Integração de Imigrantes como Estratégia de Desenvolvimento Global: Evidência Experimental para Portugal e Cabo Verde</i> | FCT | € 24 000,00 |
| <i>Literacia em Saúde da população do Ensino Superior: Desafios em Portugal</i> | Lilly Portugal | € 48 000,00 |
| European Human Biomonitoring Initiative (HBM4EU) | Horizon 2020 | € 100 000,00 |
| <i>Concilia.UE - Promover e Desenvolver a Conciliação da Vida Profissional, Pessoal e Familiar na Universidade de Évora</i> | COMPETE 2020, P2020, EU | € 115 082,84 |
| <i>Literacia em Saúde na prevenção de doenças crónicas (Diabetes)</i> | --- | --- |
| <i>Violência nas relações de intimidade em tempos de Covid-19: desigualdades de género e (novos) contornos da violência doméstica? (VD@Covid19)</i> | FCT | € 19 800,00 |

3.2.2. TL II: Lifestyles in healthcare

| Title | Funding entity | Amount of funding |
|--|--------------------------------|-------------------|
| Intestinal colonization in newborn infants with enterostomy | COMPETE 2020, FCT | € 250 000,00 |
| <i>Academias do Conhecimento</i> Gulbenkian OUT-TO-IN | Calouste Gulbenkian Foundation | € 49 833,00 |
| InDEPENDent/Marie Sklodowska-Curie grant | Horizon 2020 | € 147 815,00 |
| MicroSpA & MicroRA: The role of microbiome on biological therapy efficacy in axial Spondyloarthritis and Rheumatoid Arthritis - a new paradigm | Biocodex Microbiota Foundation | € 22 000,00 |

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|---|-------------------------------------|----------------|
| MONET: Unravelling Microbiota-gut-brain axis paintings in obesity-associated Neuroinflammation: the blackbErry signaTure study | FCT | € 249 832,50 |
| ESACA - Ageing Safely in Alentejo. Understanding for Action | Horizon 2020 | € 590 000,00 |
| COVID, Sleep, Health, Habits | | |
| <i>UniverCIDADE VI – Programa de Desenvolvimento Desportivo</i> | IPDJ | € 7 000,00 |
| aN Eu Curriculum for chef gasTro-engineering in primAry food care | Erasmus+ | € 999 983,00 |
| <i>PSL - Pograma para una Sociedade Longeva</i> | INTERREG V A Espanña Portugal | € 2 258 089,84 |
| <i>CIE - Centro Internacional sobre el Envejecimento</i> | INTERREG V A Espanña Portugal | € 6 643 333,33 |
| Projeto 4IE + – Instituto Internacional de Investigação e Inovação do Envelhecimento | INTERREG V A Espanña Portugal | € 1 700 000,00 |
| Outdoor-oriented Practices in Early Childhood Education Project | Erasmus+ | € 189 715,00 |
| ETIC (end-of-life trajectories in care) – Managing end-of-life trajectories in palliative care: a study on the work of healthcare professionals | FCT | € 229 742,47 |
| VITACOV: Vitamin D-related polymorphisms and vitamin D levels as risk biomarkers of COVID-19 infection severity | FCT | € 40 000,00 |
| Gut microbiota, "Spark and Flame" of COVID-19 disease | FCT | € 30 000,00 |
| <i>cLabel+: “Alimentos inovadores “clean label” naturais, nutritivos e orientados para o consumidor”</i> | h2020 | € 4 641 020,43 |
| <i>Análise e desenho modelo PIC HESE interoperabilidade e Taxonomia de Cuidados</i> | Hospital do Espírito Santo de Évora | € 69 950,00 |
| <i>CNIS_2019_2020 - Estudo “Projeto de INTERVENÇÃO COMPLEXA: As respostas sociais no percurso de cuidados à Pessoa com Dependência</i> | nacional | € 74 300,00 |

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|---|-----------------------------------|--------------|
| <i>Efeitos de dois programas de intervenção nos fatores de risco de queda em idosos residentes na comunidade: programa de intervenção psicomotora versus programa de intervenção psicomotora combinada com exercício vibratório</i> | FCT | --- |
| <i>foRESTER - Rede de sensores combinada com modelação da propagação do fogo integrado num sistema de apoio à decisão para o combate a incêndios florestais</i> | FCT | € 399 903,75 |
| Customized Human Milk Fortification Based on Measured Human Milk Composition to Improve the Quality of Growth in Very Preterm Infants: A Mixed-Cohort Study Protocol | Portuguese Society of Neonatology | € 5 000,00 |
| <i>Dieta Mediterrânica Promove Saúde (MEDITA)</i> | INTERREG V A Espanha Portugal | € 329 300,31 |

3.2.3. TL III: High burden and high mortality diseases

| Title | Funding entity | Amount of funding |
|--|--------------------------|-------------------|
| DEP-CARE - Dementia in Primary Care: the Patient, the Carer and the Doctor in the Medical Encounter | Bayer / NOVASAÚDE AGEING | € 7 500,00 |
| <i>MyBack - Efetividade e implementação de um programa de autogestão personalizado para prevenir recorrências e incapacidade e promover a saúde músculo-esquelética em utentes com lombalgia</i> | FCT | € 249 689,80 |
| SARA - SPLIT Application for Remote Rehabilitation | Santander | € 3 300,00 |
| <i>SPLIT – Tratamento estratificado para indivíduos com dor lombar nos cuidados de saúde primários</i> | FEDER | € 144 658,50 |
| National register for the study of central precocious puberty- multi-centric, prospective study of the prevalence, etiology, therapy and follow-up of CPP | Ipsen | € 35 000,00 |
| | Gilead Sciences Lda | € 99 292,04 |

| <i>Financiamento do VIH no continuum do percurso da pessoa com doença</i> | | |
|---|---|--------------|
| Decoding immunometabolism to thwart HIV-1 follicular reservoir | European Society of Clinical Microbiology & Infectious Diseases | € 20 000,00 |
| Reprogramming inflammatory follicular T cells (Tfhi): from the clinic to precision immunotherapies | FCT | € 239 975,00 |
| <i>Imunomodulação na Pancreatite Aguda</i> | Hospital da Luz | € 20 000,00 |
| CONCORDIA: <i>avaliação das principais preocupações da pessoa com Diabetes Mellitus tipo 2 na gestão da doença e fatores mais valorizados na consulta</i> | AstraZeneca | € 119 556,00 |
| G6PD deficiency and possible association of hearing loss or absence of speech in São Tomé and Príncipe | José Mello Saúde | € 20 000,00 |
| PsiPROSPER - A multicenter retrospective study to analyse the impact of treatment with paliperidone palmitate on clinical outcomes and hospital resource utilization in adult patients with schizophrenia in Portugal | Jansen Cilag | --- |
| MECHAPP - <i>alterações metabólicas em doentes com primeiros episódio psicóticos tratados com antipsicóticos: um estudo observacional</i> | Angelini | --- |
| Porthos | Astrazeneca | € 450 000,00 |
| Check AP - Prevalence of Psoriatic Arthritis (PsA) and performance evaluation of a PsA screening Questionnaire in the population of Portuguese patients with Psoriasis followed in a Dermatology setting | Novartis | € 83 258,00 |
| No + Fracture Portugal Fracture Clinics Network Implementation | SPR | € 50 000,00 |
| <i>Ventilador de emergência minimalista por pressão controlada para COVID-19</i> | FCT | € 30 000,00 |
| <i>Quadro temporário relativo a medidas de auxílio estatal em apoio da economia no atual contexto do surto de covid-19</i> | P2020 | € 157 175,09 |
| Gut microbiota, "Spark and Flame" of COVID-19 disease | FCT | € 30 000,00 |
| Trials@Home | EU/EFPIA Innovative Medicines Initiative | --- |

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| FOIE GRAS: Bioenergetic Remodeling in the Pathophysiology and Treatment of Non-Alcoholic Fatty Liver Disease | Horizon 2020 | € 3 202 195,68 |
| Hip and Knee Osteoarthritis in Portugal: characterization of the population, current management and outcomes | Pfizer | € 83 586,39 |
| Finnee - From spectra to formulas | FCT | € 235 026,42 |
| Genetic causes of immune-dysregulation in early-onset Type 1 diabetes | European Association for the Study of Diabetes | € 100 000,00 |
| ARCO - Alentejo Region Applied Research for COVID-19 | EU | € 457 788,00 |
| <i>Heparina de baixo peso molecular no tratamento da restrição de crescimento fetal precoce</i> | Prémio MSD investigação em Saúde + CHULC | --- |
| Uterine Electromyography Processing for Preterm Delivery - Risk Evaluation | | --- |
| Lysosome dysfunction in age-related diseases | FCT | € 239 875,12 |
| Impact of HIV-1 genetic diversity in immunodeficiency | Gilead Génese Pharmaceutical | € 35 500,00 |
| Endometrial Lymphocytic Populations in idiopathic Recurrent Pregnancy Loss | CUF Descobertas | € 20 000,00 |
| Early recognition of cardiac injury associated with COVID-19 and clinical outcomes | FCT | € 14 436,00 |
| Persistence of specific humoral and cellular immunity in children after SARS-CoV-2 infection | MSD | € 67 400,00 |
| “IoMum” Iodine status Monitoring in Portuguese pregnant women: impact of supplementation | CUF Descobertas | --- |
| Endometrial Natural Killer cells in recurrent pregnancy loss: a characterization by flow cytometry | CUF Descobertas | --- |
| The triad microbiota, immunity and recurrent pregnancy loss | CUF Descobertas | --- |
| Father's presence in pregnancy surveillance: couple's perspective | CUF Descobertas | --- |
| HIV360 - Hiv Core Outcome Set | --- | --- |

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| <i>Excitabilidade cortical e a sua modulação, in vivo, na Perturbação Depressiva Major</i> | FCT | --- |
| Improving Osteoporosis Treatment Adherence using ICTs: The Healthy Bone Program | Pfizer | € 184 000,00 |
| Personalized therapy for Rheumatic Diseases via machine learning (PREDICT) | FCT | € 240 000,00 |
| Prevalence of Psoriatic Arthritis (PsA) and performance evaluation of a PsA screening Questionnaire in the population of Portuguese patients with Psoriasis followed in a Dermatology setting (CheckAP) | Novartis | € 83 258,00 |
| No + Fracture Portugal Fracture Clinics Network Implementation | SPR | € 50 000,00 |
| Osteoarthritis and Adherence to Mediterranean Diet | SPR | € 5 000,00 |
| The burden and costs of refractory depression | Janssen | € 42 500,00 |
| UrbanTB: From symptoms to diagnosis of Urban Tuberculosis, considering individual and contextual factors. What are the determinants and critical points of this delays pathway? | FCT | € 229 852,70 |
| Fatores de risco para infeção por SARS-CoV-2 em Portugal: um estudo caso-controlo de âmbito regional (ARSLVT) | ARS LVT | € 20 000,00 |

3.2.4. TL IV: Health policies and healthcare services research

| Title | | | | Funding entity | Amount of funding |
|--|--------|-------------|----------|---------------------|-------------------|
| Population | Health | Information | Research | Horizon 2020 | € 4 980 327,50 |
| Infrasstructure (PHIRI) | | | | | |
| PrimaryCare@COVID-19 | | | | FCT | € 27 000,00 |
| <i>Avaliação do Projeto de Prescrição Social em Unidades de Saúde Familiar em Lisboa</i> | | | | Lisbon City Council | --- |
| | | | | FCT | € 240 000,00 |

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|--|--------------------------------|--------------|
| <i>Barómetro Covid-19 Opinião Social: Conhecer, Decidir e Agir. Os Portugueses, a Covid-19 e as Respostas do Serviço Nacional de Saúde</i> | | |
| MHRights – Integrated Programme for the promotion of human rights of Persons with mental disorders | EEA Grants | € 133 530,87 |
| <i>Avaliação do Desafio Stop Infeção Hospitalar!</i> | Calouste Gulbenkian Foundation | € 10 000,00 |
| <i>Caracterização do impacto no internamento hospitalar da doença vascular de 2010 a 2019</i> | SPACV | --- |
| <i>Boas Escolhas, Melhor Saúde</i> | Calouste Gulbenkian Foundation | € 10 000,00 |
| <i>Perfil de Saúde, Determinantes e Utilização dos Serviços de Saúde da população do Município de Torres Vedras: contributos para o Planeamento e Intervenção em Saúde por parte dos atores municipais</i> | Torres Vedras City Council | --- |
| <i>Perfil de Saúde, Determinantes e Utilização dos Serviços de Saúde da população do Município de Odivelas: contributos para o Planeamento e Intervenção em Saúde por parte dos atores municipais</i> | Odivelas City Council | --- |
| <i>O Impacto do uso da carboximaltose férrica na otimização da Hemoglobina pré-operatória no Patient Blood Management em hospitais portugueses</i> | Vifor Pharma | --- |
| COST Action – “The European Researchers' Network Working on Second Victims- ERNST | EU | --- |
| <i>CO</i> nhecer <i>MA</i> is <i>PA</i> ra <i>IN</i> tervir <i>ME</i> lhor – <i>COMPRIME</i> | FCT | € 240 000,00 |
| <i>Index de Acesso à Inovação 2019</i> | APAH | € 5 000,00 |
| Joint Action Health Equities Europe (JAHEE) | European Commission | --- |
| <i>Produção e financiamento hospitalar no período pós-pandemia</i> | FCT | --- |
| CA19133- EU Cost Action FOSTREN - Fostering a Collaborative Strengths-based Approach to Eliminating Coercion in European Mental Health Services | European Commission | € 34 500,00 |

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|---|--------------------------------------|--------------|
| <i>Projeto de apoio científico e supervisão das Equipas de Intervenção de Proximidade da Santa Casa da Misericórdia de Lisboa</i> | Santa Casa da Misericórdia de Lisboa | € 150 000,00 |
|---|--------------------------------------|--------------|

3.2.5. TL V: Health innovation

| Title | Funding entity | Amount of funding |
|--|-----------------------|--------------------------|
| PIC 4 COVID | FCT | € 40 000,00 |
| OSCAR - vOice Screening of CoronaA virus | Compete/ANI | € 391 587,50 |
| Multidisciplinary functional evaluation of cough | MSD Portugal | € 60 000,00 |
| COVID-19 pandemic: the social distance at the school playground and its effects on children's social-emotional competence and physical activity | CHRC(FCT) | € 40 000,00 |
| Clinical performance and critical cardiac patient: Lean methodology and clinical simulation, innovation in health care | FEDER | --- |
| EasyHealth4Covid | P2020 | € 390 054,34 |
| PREDICT - Personalized therapy for Rheumatic Diseases via machine learning | FCT | € 240 000,00 |
| PrevOcupAI - Prevention of occupational disorders in public administration based on artificial intelligence | FCT | € 239 000,00 |
| FrailCare.AI - Intelligent frailty pathways for the Portuguese elderly population and impact analysis of the telecare service SNS24 Proximidade Sénior | FCT | € 237 000,00 |
| Revolutionizing Healthcare: Empowering patients by valuing innovation and promoting entrepreneurship: Patient2Entrepreneurship | FCT | € 231 100,00 |
| | AAL | € 1 490 000,00 |

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| LEAVES - Optimizing the mental health and resilience of older adults that have lost their spouse via blended, online therapy | | |
| Improving Osteoporosis Treatment Adherence using ICTs: The Healthy Bone Program | Amgen USA | € 134 785,00 |
| DigiAdherence – supporting senior people at home | Directorate-General of Health | € 15 000,00 |
| Optimizing the mental health and resilience of older adults that have lost their spouse via blended, online therapy (LEAVES) | AAL | € 1 490 000,00 |
| IMPACT-HTA: Improved methods and actionable tools for enhancing Health Technology Assessment | Horizon 2020 | --- |
| CardioFollow.AI | FCT | € 239 693,60 |
| PrimaryCare@COVID-19: Digital Platform for Supporting Chronic Patients and COVID-19 consultations and Monitoring in Primary Care | FCT | € 27 000,00 |
| <i>Diagnóstico de Saúde da população servida pelas IPSS associadas da CNIS</i> | P2020 | € 74 500,00 |
| <i>Análise e desenho modelo PIC HESE interoperabilidade e Taxonomia de Cuidados</i> | Hospital do Santo Espírito de Évora | € 69 950,00 |
| Fast Track Covid | P2020 | € 400 000,00 |
| Activage - CUFloT4AHA | Horizon 2020 | € 200 000,00 |
| <i>Um sistema inteligente para melhorar a segurança do doente e acompanhamento remoto pós-alta em cirurgia cardiotorácica</i> | FCT | € 239 693,60 |
| <i>Estudo da Base de Dados da Rede Nacional de Cuidados Continuados Integrados</i> | Ministério da Saúde | --- |

3.3. Internationalization

Integrated members of the CHRC are involved with a total of 48 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.

3.3.1. International networks

TOTAL: 48

TL I: Health promotion

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



Focus on Emotions Group - University of Leiden

Well-Being and Aging of the European Consortium E3UDRES2 (Engaged / European / Entrepreneurial University as Driver for European Smart and Sustainable Regions)



EIT Health

International Research Network on Social Representations in Health (RIPRES)

Reference Site - ALICE Aging Longer Intelligent Care Environment ALENTEJO CENTRAL (PT)



European Narcolepsy Network

International Restless Legs League

ESRS Sleep Research Labs



European Innovation Partnership in Active and Healthy Aging (EIP-AHA)

Member and representative of the partner “Universidade de Évora in the EIP-AHA commitment Action 2 - Personalized health management, starting with a Falls Prevention Initiative.

Member of EIPAH A commitment Action3 - prevention of functional decline and frailty.

Rede Idoso BR / PT / ES (Brazil, Portugal and Spain)



International Graphonomics Society (IGS)

Asociacion Iberoamericana de Educacion Especial e Hidroterapia (AIDEA)

HEALTHY-AGE / Active Aging, Exercise and Health

EURODISH Group

“Algarve Aging” - Reference site in the Reference Sites Collaborative Network (RSCN)

TL III: High burden and high mortality diseases

Network

ENIRRI - European Network for ICU-related respiratory infections

International Network in Expressive Arts Therapy



American Psychological Association



Asociación Latinoamericana para la Formación y La Enseñanza de la Psicología (ALFEPSI)










Unión Latinoamericana de Psicología (ULAPSI)

Asociación Mexicana de Alternativas en Psicología (AMAPSI)




-  INTERDEM - early and timely INTERventions in DEMentia, the European network of dementia care researchers
-  ECRIN - European Clinical Research Infrastructure Network
-  BBMRI-ERIC - European biobanking research infrastructure
-  EULAR - European Alliance of Associations for Rheumatology
-  EUPATI - European Patients' Academy on Therapeutic Innovation
-  OaFi – Osteoarthritis Foundation International
-  OARSI - Osteoarthritis Research Society International “ Joint Effort Initiative on Osteoarthritis Management Programs”
-  ESCEO - European Society for Clinical and Economic Aspects of Osteoporosis, Osteoarthritis and Musculoskeletal Diseases
-  **EUPHA**
 EUPHA Chronic diseases' section
 EUPHA Infectious diseases control section
 COVAPID – multicenter cohort study

TL IV: Health policies and healthcare services research

Network

-  ASPHER - Association of Schools of Public Health in the European Region
-  International Health Economics Association
- World Mental Health Surveys Initiative, coordinated by the Harvard Medical School
-  European Health Management Association (EHMA)
- Quality improvement research network (QIRN), Karolinska Institutet
-  ERNST - European Research Network on Signal Transduction
-  World Health Organization
- NANDA I Network Group Portugal
-  **EUPHA**
 EUPHA Health services research section
 EUPHA Public health monitoring and reporting section
-  InfAct-JA (Joint Action on Health Information)

TL V: Health innovation

- Network**
-  *Rede de Telemedicina da CPLP*
 -  *RETE - Rede de Estudos de Tecnologias Educacionais*
 -  **EUPHA Section: Digital Health**

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

TOTAL: 29

TL I: Health promotion

Activity

- Member of the Steering Committee of EUPHA Migrant and Ethnic Minority Health section

TL II: Lifestyles in healthcare

Activity

- Expert panel Nutrition and Frailty. Systematic review: Outcomes assessed in randomized controlled trials in older people at risk of malnutrition
- Organization of *Congresso Internacional Atividades Aquáticas (CIAA)*, Évora

TL III: High burden and high mortality diseases

Activity

- Special Needs Covid
- Member of the Scientific and Technical Advisory Committee (STAC) of the World Health Organization/Special Programme for Research and Training in Tropical Diseases (WHO/TDR)
- OA patients' taskforce

- CONFIRM registry
- ICONIC registry
- PARADIGM registry
- COST Action 18211 - Perinatal mental health and birth-related trauma: maximising best practice and optimal outcomes
- Teacher Network member EWMA - European Wound Management Association
- TESA – Trials of Excellence in Southern Africa
- European Centre for Disease Prevention and Control, an agency of the European Union
- European School on Interdisciplinary Tinnitus Research (ESIT)
- Exchange protocol between NOVA Medical School | FCM-UNL and the National Institute of Health of Women, Children and Adolescents, IFF / FIOCRUZ / IRJ / Brazil, within the scope of training at the Laboratory of Primary Immunology and Immunodeficiencies

TL IV: Health policies and healthcare services research

Activity

- COST Action 15208 - Rationing - missed nursing care: an international and multidimensional problem
- COST Action 15222 - European network for cost containment and improved quality of health care
- COST Action CA18218 - European Burden of Disease Network
- COST Action CA16202 - International Network to Encourage the Use of Monitoring and Forecasting Dust Products
- Transcultural Nursing: A European Priority, a Professional Responsibility TC Nurse - Erasmus KA 2 2018-1-ES01-KA203-050800 - TC Nursing
- CRIGH – Clinical Research Initiative for Global Health
- FIH and HOPE-related activities
- Responsible for the WHO Collaborating Center for education, research and evaluation of safety and quality in healthcare

- Member of the group responsible for preparing the new version of the WHO Multiprofessional Patient Safety Curriculum Guide 2020. Joint project by WHO and the Center for Health Policy, Institute of Global Health Innovation - Imperial College, London
- International Expert Member of the International Society for Quality in Health Care ISQua
- Collaborative Center of the World Health Organization - *Centro Gestione Tischio Clinico and Sicurezza del Paziente* – Florence. Collaboration in the development project WHO Global Knowledge Sharing Platform for Patient Safety (GKPS)
- World Health Organization (Patient Safety and Risk Management, Service Delivery and Safety Department and Division of Universal Health Coverage & Life Course - Department of Integrated Health Services) expert on Quality and Patient Safety issues

TL V: Health innovation

Activity

- Digital Health Europe (DHE) Twinning on Severe Asthma
- Organizing Committee of the International Conference ECIR 2020

3.4. Scientific knowledge transfer



3.4.1. Patents

| Number | Description | Affiliation | Authors | Year |
|---------------|--|---|---|------|
| 10967 | <i>Modelo de Utilidade Nacional de Craveira com Miras Laser</i> | Hospital Dona Estefânia, Instituto de Plasmas e Fusão Nuclear - IST | L. Pereira-da-Silva, H. Fernandes, R. Henriques, D. Virella | 2014 |
| 116907 | Processes for the production of activated carbons from urban solid and agriculture residues and process of compounds removal from aqueous phase with the activated carbons | Universidade de Évora, Comunidade Intermunicipal, Empresa de Desenvolvimento e Infraestruturas do Alqueva, Gestão Ambiental e de Resíduos | J. Nabais, I. Cansado, P. Mourão, T. Rocha, T. Baptista, B. Tita, C. Borges, G. Matos | 2020 |
| 1119/2018 | Quality of life scale - abbreviated (QLS7PT) - SIIGAC/2018/2872 | --- | --- | 2018 |
| PPE 2019/3905 | Multidimensional tool for assessing the risk of falling in older people | Universidade de Évora | --- | 2019 |
| 116203 | The individual care plan as electronic health record as a tool for management, integration of care and better health results | Universidade de Évora, Universidade da Extremadura | M. Lopes, C. Fonseca, D. Mendes, J. García-Alonso, J. M. Murillo | --- |

3.4.2. Prototypes, software and products

- Minimalist ventilator prototype - miniVent (FCT / UNL)
- observideo.com
- HAITOOL - Decision Support System for Prescribing Antibiotics (TRL 9)
- ePharmacare - Medication management system for community pharmacies (TRL 8)

- OSYRISH - Decision support system combining Gamification and Indoor Location to manage hand hygiene in real time in a hospital setting (TRL 7)
- Participation through the ESACA project in the design of the following manuals and guide: Didactic Manual - Prevent violence against the elderly: without fear of taking action; Breaking Silences: Guiding Guide for the Prevention of Violence against Elderly People; Functional assessment manual for the risk of falls in the elderly
- Beatnik, web platform to support remote patient telemonitoring in clinical studies (TRL 8)
- Coordination of the development of the app BeepMood for people with bipolar disorder. Product developed within the scope of the activities of the Mental Health Unit of Oeiras of the Psychiatric Service of CHLO

3.5. Postgraduate supervision

110

PhD students

7

Post-docs

3.5.1. PhD

1. Ana Almeida – “*Retinopatia da prematuridade*” – **ongoing**.
2. Ana Filipa Nunes Ramos – “*O autocuidado na pessoa idosa com dependência funcional: necessidades de cuidados essenciais de longa duração*” – **ongoing**.
3. Ana Maria Arias Uriona – “Multidimensional social exclusion and immigrants’ health in Europe” – **concluded**.
4. Ana Maria Tavares – “HIV, tuberculosis and co-infection among migrant populations living in Portugal” – **concluded**.

5. Anabela Barcelos – to be determined – **ongoing**.
6. Andréa Gaspar – “Potencial do eHealth na prestação de cuidados de saúde ao idoso com risco de queda por distúrbios do equilíbrio numa perspetiva de saúde global” – **ongoing**.
7. Andreia Filipa Garrido Maia – “Expansion of Natural Killer cells as a complementary approach for adoptive cell therapy in advanced Colorectal and Pancreatic Cancer (NKAT-CRC-PDAC)” – **ongoing**.
8. Andreia Rodrigues – “As competências sócio-emocionais na educação pré-escolar: Efeitos de dois programas de intervenção” – **ongoing**.
9. António Seco – “Síndrome de Dor Trocantérica Femoral - Protocolo de tratamento” – **ongoing**.
10. Bárbara Pedrosa – “Saúde mental em Refugiados e Requerente de Asilo em Portugal” – **ongoing**.
11. Brenda Sousa da Silva – “Being deaf at the playground - The effect of a hearing loss on children’s social participation” – **ongoing**.
12. Bruno Santiago – “Sacro-iliac Joint Dysfunction” – **ongoing**.
13. Carla Madail – “Double cortical fixation - semitendinosus construct in Anterior Cruciate Ligament (ACL) and Posterior Cruciate Ligament (PCL) reconstruction: biomechanical and histological evaluation. Clinical comparison with quadrupled hamstrings” – **ongoing**.
14. Carla Sofia Perreira Guerreiro – “Efeito da atividade física na saúde física e mental da população sénior” – **ongoing**.
15. Carlos Palos – “A contribution to improving antimicrobial stewardship activities and increasing knowledge about inappropriate antibiotic prescription prevalence and associated determinants in Portuguese hospitals” – **ongoing**.
16. Cátia Gonçalves – “Gestão Estratégica e Inovação no setor da Saúde: um estudo no contexto da Telemedicina em Cabo Verde e em São Tomé e Príncipe” – **ongoing**.
17. Cátia Reis – “Sleep patterns in Portugal: European and International comparisons” – **concluded**.
18. Cláudia Correa – “Segurança do Paciente em Medicina Dentária” – **ongoing**.
19. Cláudia Vaz Pessoa – “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)” – **ongoing**.
20. Cristina Henriques – “Systemic lupus erythematosus in children – what can we learn more?” – **ongoing**.
21. Cristina Ponte - “The role of ultrasound as a predictor of disease activity and response to therapy in Giant Cell Arteritis” – **ongoing**.

22. Daniel Alexandre de Correia Anacleto e Carvalho Neto – “Desenvolvimento de uma aplicação digital móvel para treino da gestão de sintomas de ansiedade e depressão” – **ongoing**.
23. Daniela Carvalho – “Biomechanical patterns in individuals at medium and high-risk groups of developing chronic low back pain” – **ongoing**.
24. Daniela Costa – to be determined – **ongoing**.
25. Deborah Aluh – “Effects of differences in the organization and delivery of mental health systems on the availability, capacity, and quality of mental health services” – **ongoing**.
26. Diogo André Fonseca Pires – “Desenvolvimento de um modelo de avaliação de resultados para a intervenção da Fisioterapia em utentes com Dor Lombar Crónica” – **concluded**.
27. Diogo Ribeiro – “Epidemiology of Menière’s disease” – **ongoing**.
28. Emílio Figueira Tchikuala – “Desenvolvimento de carvões ativados com base em novos precursores naturais oriundos de Angola” - **concluded**.
29. Esmael Francisco Tomás – “Criação, validação e aplicação de um Sistema de Pontuação de Alerta Precoce (SPAP) adaptado à realidade angolana” – **ongoing**.
30. Esmeralda Karajeanes – “Desenvolvimento e Avaliação do Sistema de Informação Infomóvel para gestão de Doentes com HIV/SIDA, em Maputo e Cabo Delgado, Moçambique” – **ongoing**.
31. Filipa Malheiro – “Imunomodulação na Pancreatite Aguda” – **ongoing**.
32. Filipe Barcelos – “Subpopulações linfocitárias no diagnóstico da Síndrome de Sjögren primária” – **ongoing**.
33. Filomena Araújo de Almeida Mendes Pinto – “Redução da Incidência da Hemorragia Intraperiventricular em Recém Nascidos Prematuros: Estudo da aplicação de uma estratégia numa população nacional de recém nascidos de muito baixo peso” – **ongoing**.
34. Francisco Guerra Pinto – “Lateral Ankle Instability: from pathology to Prognosis” – **ongoing**.
35. Georgia Perry – “Selenium and musculoskeletal health” – **ongoing**.
36. Gonçalo Correia de Figueiredo Augusto – “HIV epidemics and national response in Portugal under financial constraints and a comparative analysis with three Southern European countries” – **concluded**.
37. Helena Coradinho – “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” – **ongoing**.
38. Helena Santos Cabrita Carneiro – “Spondylarthropaties - burden and costs” – **ongoing**.
39. Helena Sardica – “A escrita nos adultos maiores, com e sem demência: perspetiva cinematográfica e neuropsicológica” – **ongoing**.

40. Hugo Henrique Santos Silva – “*Perfil genómico de atletas e ex-atletas de alto rendimento desportivo*” – **ongoing**.
41. Inês Caetano Santos – “Oral health care as determinants of oral health, general health and quality of life” – **ongoing**.
42. Jader Cruz – “Role of liver hemodynamics in fetal development in twin pregnancies” – **ongoing**.
43. Joana Caetano Serra – “Urine Extracellular Vesicles: non-invasive biomarkers of β -cell function and novel therapeutic agents in diabetes” – **ongoing**.
44. Joana Cristino Pereira – “*A tríade microbiota, imunidade e perda gestacional recorrente idiopática*” – **ongoing**.
45. Joana Guimarães – “Influence of metal exposure in thyroid hormones and gestational diabetes” – **ongoing**.
46. Joana Machorrinho – “Corpo e trauma: da compreensão à intervenção em mulheres vítimas de violência doméstica” – **ongoing**.
47. João Farela Neves – “Unravelling novel genetic and functional mechanisms of primary immunodeficiencies” – **concluded**.
48. João Madruga Dias – “Rheumatoid arthritis and ultrasound” – **ongoing**.
49. João Vitor da Silva Vieira – “*Futilidade nas unidades de cuidados intensivos*” – **ongoing**.
50. Joaquim Cruz Teixeira – “Lumbar interspinous stabilization effects on surgical treatment of lumbar disc herniation” – **ongoing**.
51. Jocélia Maria de Azevedo Bringel – “*Influência de fatores ambientais nos níveis de stress de profissionais de saúde de um hospital da rede pública de saúde em Fortaleza, Ceará, Brasil*” – **ongoing**.
52. Jorge Manuel Carvalho Malarranha – “*A vantagem casa no basquetebol profissional americano (NBA)*” – **ongoing**.
53. José Miguel Araújo Martins – “Factores endógenos na etiologia da polipose nasossinusal (PNS)” – **ongoing**.
54. José Miguel Sousa – “Endoscopic Spine Surgery – Transforaminal access to the lower lumbar spine” – **ongoing**.
55. José Reis – “Natural killer receptors - Biomarkers in endometriosis” – **ongoing**.
56. Kelli Destri – “Obesity burden and costs” – **ongoing**.
57. Lisa Gomes – “*Desenvolvimento de competências de Autocuidado Pós síndrome Coronário Agudo: Contributos para um Programa de Intervenção Educativa*” – **concluded**.
58. Lúcia Amaral Domingues – “Predictive model of recovery in chronic non-specific neck pain patients undergoing a manual therapy and exercise program” – **concluded**.

59. Luís Castelo Branco – “Comparison of effectiveness in anti-pd1 checkpoint inhibitors in treatment of non-small cell lung cancer” – **ongoing**.
60. Luís Gomes – “Low back pain” – **ongoing**.
61. Luís Miguel da Cruz Coelho – “*Biomarcadores na Pneumonia*” – **concluded**.
62. Luiz Octavio Garcia – “*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*” – **ongoing**.
63. Maria da Conceição Sousa Balsinha – “Users and health professionals’ perspectives regarding Portuguese primary care services: a focus on dementia” - **ongoing**.
64. Maria Dulce Domingues Cabral de Magalhães - “*A Dimensão Processual do Raciocínio Clínico dos Enfermeiros*” – **concluded**.
65. Maria Isabel Rosa Costa Pinto – “Fraturas Maleolares – A Importância da competência do ligamento deltoide” – **concluded**.
66. Maria João Aleixo – “Opportunistic infections amongst immunosuppressant patients” – **ongoing**.
67. Maria João Lobão – “*Infecção por Klebsiella pneumoniae resistente aos carbapenemos: contributos para a caracterização da carga epidemiológica e para a otimização da estratégia de prevenção em Portugal*” – **ongoing**.
68. Maria João Lopes Marques – “Factors influencing the quality of relationship in dementia: a mixed-methods approach” – **ongoing**.
69. Maria José Brito – “*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)*” – **ongoing**.
70. Maria Manuela Cardoso - “*Crescimento e composição corporal de crianças nascidas muito pré-termo: comparação entre duas coortes alimentadas com leite humano, respetivamente com fortificação alvo e padrão*” – **ongoing**.
71. Maria Manuela Correia Vieira da Silva – “Patterns of use of mental health care in Portugal, before and during an economic crisis” – **ongoing**.
72. Maria Margarida Costa Ferreira Bandarra – “*Otimização do valor em Saúde no follow-up das mulheres com cancro da mama em Portugal*” – **ongoing**.
73. Mariana Geraldès – “*Cancro do Colo do Útero na População Migrante: factores de risco, frequência de lesões precursoras e progressão da doença*” – **ongoing**.
74. Mariana Lemos – to be determined – **ongoing**.
75. Mariana Moreira – “Affordances promotoras da mobilidade no espaço pré-escolar e suas relações com as competências motoras e sócio-emocionais da criança” – **ongoing**.
76. Marisa Monteiro – “Proposal and Application of Massh – A Housing Health And Safety Assessment Model For Portugal” – **concluded**.

77. Marta Guedes – “*Subpopulações linfocitárias e expressão de citocinas na uveíte. Aplicabilidade diagnóstica e terapêutica*” – **ongoing**.
78. Marta Moniz – “*Controlo da COVID-19 em Portugal numa perspetiva espaço-temporal: incidência e gravidade. Contributo para otimização de estratégias*” – **ongoing**.
79. Mélanie Maia – “*Global Health perspective on Antibiotic Resistance control in low-resource settings: an Intervention combining Telemedicine and Health Workforce Capacity Strengthening in Cape Verde*” – **ongoing**.
80. Miguel Costa – “*Antimicrobial Resistance and Zoonoses: One Health Challenge*” – **ongoing**.
81. Miguel Fragata Correia – to be determined – **ongoing**.
82. Miguel Marques Ferreira – “*Fatores associados e preditivos da Evolução da Funcionalidade e de Resiliência Física em idosos residentes na comunidade em Portugal*” – **ongoing**.
83. Miguel Vasques de Carvalho – “*Sympatobank: Caracterização celular e molecular de gânglio simpático periférico e de tecido adiposo*” – **ongoing**.
84. Neuza Mendes – “*Hemoglobina A1c, frutosemina e albumina glicada na Diabetes Gestacional: marcadores controlo metabólico e desfechos materno-fetais*” – **concluded**.
85. Okta Pringga Pakpaha – “*Castanea sativa - from the tree to the gut: production, nutritional and functional characterization*” – **ongoing**.
86. Patrícia Patrício – “*Candidemia biomarkers in septic shock patients*” – **ongoing**.
87. Patrícia Ribeiro Brito – “*HViTAL, an intelligent clinical decision support platform for healthcare-associated infections at São João Hospital Centre: effectiveness, costs, and contextual challenges*” – **ongoing**.
88. Paula Leiria Pinto – “*Obstrução e Inflamação das vias aéreas na asma, na idade pré-escolar*” – **ongoing**.
89. Paulini Malfei de Carvalho Costa – “*Aspetos culturais e ambientais do consumo de açúcar na determinação da saúde bucal e qualidade de vida de crianças*” – **ongoing**.
90. Paullie Carvalho – “*Percepção de Risco, Vulnerabilidades e Práticas de Risco para o HIV/AIDS em Mulheres Transgêneras em Goiânia-Goiás*” – **concluded**.
91. Paulo Delgado – “*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)*” – **ongoing**.
92. Paulo Jorge Granado Pereira – “*Using multidimensional performance indicators to capture youth football players development: a longitudinal study*” – **ongoing**.
93. Paulo Ricardo Miranda Oliveira – “*Contribuição da Biomecânica para melhoria do rendimento desportivo, em Atletismo - Desenvolvimento e validação de uma unidade de medição inercial dedicada*” – **ongoing**.

94. Pedro Miguel Cardoso Garcia – "*Simulação em Medicina. Ensino, Avaliação e Investigação*" – **ongoing**.
95. Pedro Miguel Tomás Silva – "*Bioterrorismo – Disseminação deliberada de agentes biológicos. Desenvolvimento de um modelo de atuação de Saúde Pública na gestão das situações de catástrofe em Portugal*" – **ongoing**.
96. Pia Müller – "*Estudo das Estratégias para a implementação organizacional da Profilaxia cotrimoxazol na província de Maputo, Moçambique*" – **ongoing**.
97. Ricardo Rangel – "Predictive model of embryo quality using body composition, in adult infertile female" – **ongoing**.
98. Rita Oliveira – "Assessing pain management of non-inflammatory rheumatic diseases: osteoarthritis, fibromyalgia and low back pain" – **ongoing**.
99. Salomé Azevedo – to be determined – **ongoing**.
100. Sarah Hakeem – "Vitamin D and health outcomes" – **ongoing**.
101. Slavica Karajicic – "Knowledge, attitude and practices (KAP) about Patient Centred Care (PCC) among medical profession students: Comparative study between Portugal and Sweden" – **ongoing**.
102. Sofia Guerra-Paiva – "*Desenvolvimento, aplicação e avaliação de escala de fragilidade aplicada a população vulnerável em contexto hospitalar*" – **ongoing**.
103. Teresa Maria Domingos Manuel Kutaya – "*Programa alargado de vacinação em Angola: Análise dos resultados na perspectiva da taxa de cobertura de vacinação e a implicação da rede de frio. O caso das províncias de Luanda, Huambo e Cuanza-Sul*" – **ongoing**.
104. Tiago Rodrigues – "*Avaliação Funcional da Micção e da Sintomatologia do Baixo Aparelho Urinário na população masculina com mais de 30 anos num País de África*" – **ongoing**.
105. Ugne Grigaitė – "Impacts of intimate partner violence on mental health of the victims" – **ongoing**.
106. Vanessa Nicolau de Assunção Albano – "*Multimorbilidade: impacte nos resultados em saúde de uma estratégia de intervenção*" – **ongoing**.
107. Vasco Romão – "Synovial pathobiology and patient stratification in rheumatoid arthritis (SynPathRA)" – **ongoing**.
108. Vasco V. Mascarenhas – "Hip deformities and femoroacetabular impingement" – **concluded**.
109. Vera Alice Correia Resende – "*Risco de infeção associada a artroplastias da anca ou joelho em Portugal*" – **ongoing**.
110. Vera Bernardino – "*Capilaroscopia Peri-ungueal e Pré-eclâmpsia*" – **ongoing**.

3.5.2. Post-doc

| Project title | Investigator |
|---|------------------|
| Patient security | Claúdia Reis |
| Impact of Dietary Protein on Disability in ageing Europeans (InDEPENDent) | Nuno Mendonça |
| <i>Segurança do paciente idoso hospitalizado: um olhar sobre o cuidado seguro em hospitais universitários</i> | Vilani Nunes |
| To be determined | Márcia Lima |
| To be determined | Maria Figueiredo |
| <i>Iniciativas de Melhoria da qualidade e segurança do doente: infeção do local cirúrgico</i> | Marise Freitas |
| <i>Segurança do paciente idoso hospitalizado: um olhar sobre o cuidado seguro em hospitais universitários</i> | Vilani Nunes |

3.6. 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 2020, 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*.

3.6.1. 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_ihjx_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; “Descfinar Associativo - Manual of Recommendations for Youth Associations - Covid-19” and the “Information Leaflet -

- Descfinar 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.

3.6.2. 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 j13, which supports the homeless in Lisbon

3.6.3. Participation as an active member of a civil society and scientific organization / institution

TOTAL: 104

- 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 "*Accreditación 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. Amount spent on R&D activities carried out at the Unit in 2020

In this report, financial execution will be presented qualitatively in terms of amounts spent on R&D activities carried out at the Unit, in 2020, regardless of the source of the funds. This information was previously provided in the Survey on the National Scientific and Technological Potential.

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|--|---|------------------|
| Current expenses with R&D activities in 2020: | Expenses with internal personnel in R&D activities supported by the Unit or its Institution (University / Faculty / School / Hospital, etc.): people with employment contract | 70.656 € |
| | Expenses with external personnel in R&D activities at the Unit supported by other institutions: includes FCT scholarship holders, teachers from other Higher Education establishments, workers from other public or private entities. | 40.530 € |
| | Other current expenses with R&D activities | 358 € |
| | Subtotal | 111.544 € |
| Capital or investment expenses for R&D activities in 2020 | Instruments and equipment | 29.769 € |
| | Subtotal | 29.769 € |
| Total | | 141.313 € |



Report written in May 28, 2021.

Approved by CHRC Executive Commission.