

# 2022

1. Chance or curse? The consequences of hybridization in a changing world" Human Frontier Science Program – Young Researcher Award (RGY0081/2020) de 2020-2023
2. Projecto "HYBRIDOMICS: Can hybridization fuel adaptation and species response to environmental change? Genomics and proteomics of endemic Iberian freshwater fish." Projecto SR&TD da FCT (PTDC/BIA-EVL/4345/2021) de 2022-2024.
3. ExtremeOceans - Unravelling evolutionary physiology landscapes of coastal marine fauna under extreme temperatures using a multi-layer Systems Biology approach, ref. PTDC/BIA-BMA/1494/2020
4. AQUATROPHYS - Marine molecular networks for sustainable fisheries and AQUAculture: modeling TROPical fish nutritional quality and PHYSiology under global change, ref. 2021.09718.CBM
5. CERN/FIS-PAR/0007/2021 Colaboração na experiência AMS da estação espacial internacional para deteção de raios cósmicos de energia intermédia
6. Fundação La Caixa - Inês Ochoa
7. CERN/FIS-PAR/0010/2021 Collaboration in the ATLAS experiment at CERN
8. CERN/FIS-PAR/0026/2021 C-ATLAS Upgrade 2021/23
9. CERN/FIS-PAR/0012/2021 AugerEnhance\_Aprimoramento das capacidades de medição do Observatório Pierre Auger
10. CERN/FIS-PAR/0020/2021 UHECR@Auger\_UHECR Physics with the Pierre Auger Observatory
11. UC/INOVC + / MonNest MonNest – Nest Monitoring
12. CERN/FIS-INS/0029/2021 Collaboration in the Phase 2 Upgrade of the CMS experiment at CERN
13. CERN/FIS-PAR/0005/2021 Collaboration in the operation and physics data analysis at the CMS experiment at CERN
14. PTDC/FIS-PAR/1214/2021 Precision timing with forward protons at the HL-LHC
15. PTDC/FIS-PAR/2831/2020 Participation in the LUX-ZEPLIN experiment
16. PTDC/FIS-NUC/3933/2021 NEXT: Detection of the neutrinoless Double Beta Decay in Xe-136-the NEXT experiment
17. LISBOA-01-0247-FEDER-045924 // POCI-01-0247-FEDER-045924 TPPT - Time of flight PET for Proton Therapy
18. EOSC-synergy grant 857647 Integrating and managing services for the European Open Science Cloud
19. EUROCC
20. EGI-ACE Implementing the European Open Science Cloud
21. EOSC-Future European Open Science Cloud - Expanding Capacities by Building Capabilities
22. interTwin (ID:101058386)
23. AI4EOSC Artificial Intelligence for the European Open Science Cloud
24. DT-GEO A Digital Twin for GEOphysical extremes

25. iMagine Imaging data and services for aquatic science (Grant Agreement 101058625)
26. EuroCC 2 National Competence Centres for High Performance Computing
27. INCD 01/SAICT/2016 - nº 022153 Infraestrutura Nacional de Computação Distribuída
28. CERN/FIS-COM/0018/2021 Suporte para o tier-2 de ATLAS e CMS no contexto do WLCG MoU entre Portugal e o CERN
29. 4000136945 GLOSS GLOSS: Gamma-ray Laue Optics and Solid State detectors (PRODEX Experiment Arrangement No. 4000136945)
30. EXPL/FIS-PAR/0333/2021 Terrestrial Gamma-ray Flash Science and Monitoring for Aviation Safety
31. CERN/FIS-PAR/0014/2021 DUNE\_Calibração de ProtoDUNE-II no CERN
32. PTDC/FIS-PAR/2679/2021 Neutrinoless double beta decay search with the SNO+ experiment
33. CERN/FIS-PAR/0023/2021 Nuclear Physics and Strong Interaction Group
34. EXPL/FIS-NUC/0364/2021 Short range CORelations on Exotic nuclei at R3B/FAIR using tRPCs
35. CERN/FIS-PAR/0009/2021 RENASCER\_Estudos de reações nucleares para Astrofísica Nuclear na instalação ISOLDE do CERN
36. LISBOA-01-0247-FEDER-045904 TPPT - Time of flight PET for Proton Therapy
37. CERN/FIS-PAR/0016/2021 COMPASS/AMBER\_Colaboração nas Experiências COMPASS e AMBER do CERN
38. 824093 - STRONG-2020 Nuclear Physics and Strong Interaction Group
39. 835105 - YoctoLHC Yoctosecond imaging of QCD collectivity using jet observables
40. CERN/FIS-PAR/0032/2021 THbridgeEXP-II\_A ponte entre Teoria e Experiência: Fenomenologia de Colisionadores (II)
41. PTDC/FIS-MAC/2045/2021 Excitações em materiais quânticos 2D/INL
42. CERN/FIS-COM/0004/2021 QML-HEP\_Explorando a aprendizagem de máquina quântica como uma ferramenta para colisionadores de altas energias presentes e futuros
43. FARE (ERC) EC grant 853566 Fake News and Real People
44. ESA: 1-7560/13/NL/HB RADEM proto-flight model
45. ESA: 4000137865/22/ES/JD Expert Suport to BERM & RADEM units
46. PTDC/FIS-PAR/4300/2020 SWGO: the wide-field gamma-ray observatory at the Southern hemisphere
47. Sea2See (PTDC/BII-BIO/28878/2017)
48. Proteios (PTDC/CTM-CTM/3389/2021)
49. The MARVEN Project - The Portuguese biotechnological database for marine animal venoms and toxins (FA\_05\_2017\_007) Date: 2019 -2022
  - Funding agency: Fundo Azul, Portugal
  - Budget: 200,000 EUR
  - Subjects: Toxins; Drug discovery; Omics; Marine natural products; Research-Industry crosstalk
50. WormALL- Marine invertebrates as source of novel biotoxins: Investigating function and application through Polychaeta venomomics (PTDC/BTA-BTA/28650/2017)
  - Date: 2018 -2022
  - Funding agency: FCT, Portugal

- Budget: 240,000 EUR
- Subjects: Drug discovery; Toxins; Omics; Marine Biotechnology

51. DNA barcoding aromatic, medicinal, and condiment plants from Portugal (PTDC/ASP-HOR/31074/2017)
52. Devising strategies to detect, reduce and eliminate taint-producing *Alicyclobacillus* spp. in food products
53. UIDB/04378/2020, Applied Molecular Biosciences Unit;
54. PTDC/QUI-QFI/31689/2017, RDB-TS: A reaction database for transition state information from quantum chemical calculations;
55. PTDC/ASP-AGR/30154/2017, Biopesticides and Food Preservatives from Nanoencapsulated Plant Extracts: Biological Evaluation, Molecular Modelling and Synthesis;
56. 2020.01423.CEECIND, Development of Biocatalysts for Industrial Applications: From plastic degradation to the pharmaceutical chemistry
57. No. 899732 (PURE Project, FET-Open)

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Revision #12

Created Tue, Jan 17, 2023 9:48 PM by [João Pina](#)

Updated Thu, Nov 9, 2023 11:49 AM by [João Pina](#)