

## CALL FOR AWARDING RESEARCH FELLOWSHIPS WITHIN PROJECT GRANTS AND R&D INSTITUTIONS

### 1 (one) Research fellowship for PhD Student

Ref.: 881.4 – 1 BI EM KATY

1 Research Fellowship(s) (BI) is(are) open at the **FCiências.ID – Associação para a Investigação e Desenvolvimento de Ciências**, for the project/R&D institution KATY - Knowledge At the Tip of Your fingers: Clinical Knowledge for Humanity, “”, financed by European Union’s H2020 research and innovation programme under Grant Agreement nº 101017453, under the following conditions:

1. **Scientific Area:** Data Science.
2. **Requirements for admission:** BSc concluded or MSc concluded in the area of Life Sciences or Informatics. Experience with biomedical knowledge graphs and machine learning.
3. **Additional optional skills and qualifications:** Experience in ontologies, biological and clinical databases, semantic similarity.
4. **Contracting requirements:** Presentation of the academic qualifications and/or diplomas. Enrolment in the PhD in Informatics.
5. **Work plan:** The objectives of the work plan are: (1) systematic comparison of the performance of two complementary types of explanations based on graphs of knowledge: line of reasoning and based on similarity; (2) investigate the impact of different characteristics of knowledge graphs, including coverage, granularity and semantic richness; (3) development of methods for the comparative evaluation of explanations based on knowledge graphs vs. based on data. The work will use as a use case the area of recommendations based on artificial intelligence for personalized kidney cancer therapy.
6. **Legislation framework:** Research Fellowship Holder Statute, in accordance with Law 40/2004, of 18 August, in its current version and the FCT Regulation for Research Studentships and Fellowships, in its current version (Reg. 950/2019 published in DR on 16<sup>th</sup> December: <https://dre.pt/application/file/a/127230968>, or at the FCT website: <https://www.fct.pt/apoios/bolsas/regulamento.phtml.pt>), and FCiências.ID Fellowship Regulation, as approved on 12<sup>th</sup> May 2020 (available at [Regulamento de Bolsas de Investigação Científica da FCiências.ID](#)).
7. **Place of work:** The work will be developed at the LASIGE, Faculdade de Ciências da Universidade de Lisboa, Campo Grande, Portugal, under the scientific supervision of Professor Cátia Pesquita.
8. **Fellowship duration:** This position is initially opened for 6 months and will begin on October 2021. The fellowship contract may be potentially renewed for until the end of the project months, in accordance with the provisions of Regulation of Research Fellowships from the Foundation for Science and Technology, I.P. and FCiências.ID Fellowship Regulation.
9. **Monthly allowance:** The fellowship amounts to € 1 104,64, according to [table values](#) of the FCiências.ID Fellowship Regulation. The fellowship holder will have a personal accident insurance and can ensure the right to social



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security through adherence to the voluntary social insurance scheme, if not covered by any other social protection scheme, pursuant to *Código dos Regimes Contributivos do Sistema Previdencial de Segurança Social*.

The fellowship will be paid monthly by bank transfer

Additionally, the research grant includes the costs with the PhD tuition fees.

10. **Evaluation and selection process:** Candidates will be assessed by the quality of their CV (100%) and possibly, a selection interview. If the jury chooses to carry out the selection interview, it will be to the 3 (three) candidates with the best classification in the curriculum evaluation. If the interview will be considered necessary, it will have a weighting of 30%, and the curriculum evaluation will correspond to 70%.

11. **Selection Committee:** Presidente - Cátia Pesquita, Vogal 1 - Tiago Guerreiro, Vogal 2 - Sara Silva, Vogal suplente 1 - André Falcão, Vogal suplente 2 - Sara Madeira

12. **Publication/notification of results:** All the candidates will be notified by e-mail, sent by the call holder, with the selection meeting minutes enclosed.

13. **Deadlines:** This call for applications is open from 04/10/2021 to 13/10/2021 .

14. **Application:** Applications should be sent via e-mail to [lasige-candidaturas@listas.di.ciencias.ulisboa.pt](mailto:lasige-candidaturas@listas.di.ciencias.ulisboa.pt), with the subject: 881.4 – 1 BI ED KATY, by attaching the following documents:

- Curriculum vitae – **CV may be provided in PDF or through the [CIÊNCIAVITAE](#) system;**
- Certificate of completion of previous degree;
- other documents considered relevant

15. **Time limits for the appeal procedure:** In case of negative decision, the candidates have 10 business days, after the date of announcement of the results of the candidates evaluation, to pronounce their disagreement in accordance with the *Código do Procedimento Administrativo*. Appeals against the final decision may be submitted to the Administration Board of FCIências.ID ([fciencias.id@fciencias-id.pt](mailto:fciencias.id@fciencias-id.pt)) within 15 business days after the notification date

**Note 1:** The documents that prove the entitlement of the academic qualifications and diplomas, or the proof of registration in the academic degree or diploma requested on the call, can be dismissed during the application period and replaced by a declaration on their honour from the applicant. Their delivery is mandatory for the fellowship contractualization.

**NOTE 2:** Please note that - higher education degrees and diplomas awarded by foreign higher education institutions need to be recognized by a Portuguese higher education institution, pursuant to the [Decree-Law nr. 66/2018](#) (August 16) and the [Ministerial Order nr. 33/2019](#) (January 25). The presentation of the recognition certificate is mandatory for contract signature. More information can be obtained at: <https://www.dges.gov.pt/en/pagina/degree-and-diploma-recognition>.

