

## PUBLIC NOTICE

### Title: **COMPETITION FOR GRANTING 1 Research Scholarship**

A tender is open for the attribution of one Research Scholarship within the scope of the R&D project “Esquecer eficazmente o que tem que ser esquecido”, reference PTDC/CCI-INF/32219/2017, funded by Fundação para a Ciência e Tecnologia, I.P., through national funds (PIDDAC), under the following conditions:

1. **Scientific Area:** Computer Science

2. **Recipients profile/category:**

**Mandatory requirements:** Having completed the Bachelor in Computer Science or a corresponding course, and eligibility to enroll in a master's, integrated master's, doctoral or non-academic course.\*

**Preferred factors:**

a) Good knowledge in Knowledge Representation and Reasoning.

b) Good knowledge in Databases.

c) Good knowledge in Computational Logic.

\* In scholarships intended for graduates or masters who are enrolled in courses that do not lead to an academic degree, a scholarship may only be awarded to those who do not exceed, with the conclusion of the scholarship contract in question, including the renewals provided for in the notice, an accumulated period of two years in this type of scholarship, consecutive or interpolated.

3. **Work Plan:**

Computational Models of Biological Regulatory Networks, e.g., encoded as boolean logical models, are key in contributing to a better understanding of the cellular processes they represent, but their construction is a manual task, hence prone to error. As we dynamically obtain new observations, such logical models of regulatory networks need to be checked and possibly changed to restore consistency. The goal is to develop a tool to dynamically check and restore consistency of boolean logical models of regulatory networks.

4. **Applicable legislation and regulations::**

Law No. 40/2004, of August 18, amended and republished by Decree-Law No. 202/2012 of August 27 (Statute of the Scientific Research Fellow) and amended by Decree-Law No. 233/2012 of October 29, by Law No. 12 /2013 of 29 January, by Decree-Law No. 89/2013, of 9 July and Decree-Law No. 123/2019, of 28 August; Regulation of Research Grants of NOVA.id.FCT – Association for Innovation and Development of FCT; Regulation of Research Grants of the Foundation for Science and Technology, I.P. in force (<https://www.fct.pt/apoios/bolsas/regulamento.phtml.pt>);

5. **Workplace:**

The work will be developed at the installations of the Department of Computer Science, Faculdade de Ciências e Tecnologia, Universidade Nova de Lisboa, under scientific supervision of Prof. Doutor João Alexandre Carvalho Pinheiro Leite, the contracting entity being NOVA.id.FCT – Associação para a Inovação e Desenvolvimento da FCT.

**6. Fellowship duration:**

The grant has a duration of 4 months, starting in principle in December 2021. The contract may be renewed within the duration of the project.

**7. Monthly maintenance allowance amount:**

The grant value is €835,98, based on the reference tables of grant values as indicated by FCT, I.P. in Portugal, and the payment is realized by bank transfer.

**8. Selection criteria:**

The selection criteria are the following: in the first phase, a classification (on a scale from 0 to 20) is created, based on a) the evaluation of the cv (25%), and b) relevant experience for the execution of the project (25%). The three top-most candidates (with a classification greater than 7) will be invited for an interview (50% of the final classification). The grant may not be awarded if the candidates do not match the required quality criteria.

**9. Composition of the Selection Jury:**

Presidente: Professor Doutor Matthias Knorr.

Vogais efetivos: Professor Doutor João Alexandre Carvalho Pinheiro Leite e Professor Doutor Ricardo João Rodrigues Gonçalves.

Vogais suplentes: Professor Doutor José Júlio Alves Alferes e Professor Doutor Ludwig Krippahl.

**10. Form of advertising/notification of results:**

The evaluation results proposed by the jury will be notified, up to 90 days after the deadline for the submission of applications, by email, of the results proposed by the jury, with access to the minutes and the final ranking list.

After notification, candidates will have 10 working days to comment on the draft decision (prior hearing of interested parties, under the terms of the Code of Administrative Procedure). The final decision will be taken after the expiry of the prior hearing period, again notified to all candidates by e-mail. Of this final decision the candidates can file a complaint within 15 working days (to the e-mail address used for the notification), or an hierarchical appeal, within 30 working days, addressed to NOVA.ID.FCT's Board through the address [coord1@novaidfct.pt](mailto:coord1@novaidfct.pt).

**11. Application deadline and form of application submission:**

Application is open between November 22 and December 6, 2021.

Candidates should apply by sending cv, a letter of motivation and declaration on honor that he or she meets the requirements to enroll in a master's, integrated master's, doctoral or non-academic course, via e-mail to Matthias Knorr ([mkn@fct.unl.pt](mailto:mkn@fct.unl.pt)) indicating the reference PTDC/CCI-INF/32219/2017/BI/3.

**Documents that are of mandatory submission, for purposes of the studentship contracting:** bachelor's certificate in Computer Science (or a corresponding course)\* and proof of enrolment in in a master's, integrated master's, doctoral or non-academic course.

\* In case of foreign academic degrees, and to guarantee the application of the principle of equal treatment to applicants with national and foreign academic degrees, it is mandatory to submit the recognition of such degrees and the conversion of the respective final grade to the Portuguese grading scale.

## 12. Drafts:

The drafts of: i) fellowship contract, ii) final report to be presented by the fellowship holder, iii) final report to be presented by the scientific advisor, and; iv) declaration on honor, can all be found on [NOVA.id.FCT website](http://NOVA.id.FCT website).