

Call for awarding one Fellowship

Ref.ª BGCT-LIC-RESISTIR

One Fellowship (BGCT tipology, amount to € 1210) is available with **Faculdade de Ciências da Universidade de Lisboa**, in the project “RESIST - Information system for intelligent infection control and personalized antibiotherapy”, financed by Faculdade de Ciências da Universidade de Lisboa under the scientific patronage protocol with MAXDATA SOFTWARE, SA, under the following conditions:

1. **Scientific Area:** Integrative Sciences
2. **Requirements for admission:**
 - Mandatory:**
 - B.Sc. in Informatics, Physics, Statistics, Biology or similar;
 - Experience in modeling and scripting.
 - Preferences:**
 - M.Sc. or PhD in Informatics, Physics, Statistics, Biology, Biomedicine or similar;
 - Relevant experience in scripting (Python, Perl, R, Bash, Java);
 - Experience in mathematical modeling or statistics;
 - Relevant skills for writing scientific publications.
3. **Work Plan:**
 - i) Development of predictive models with application in the field of infectious diseases;
 - ii) Development of Knowledge Database;
 - iii) Development of automated modeling system;
 - iv) Validation and testing;
 - v) Collaboration in the implementation of prototype;
 - vi) Organization and management associated with the project.
4. **Legislation framework:** Law No. 40/2004, of August 18th, as amended and republished by Decree-Law No. 202/2012 of August 27th, by Decree-Law No. 233/2012 of October 29th, by Law No. 12/2013, of January 29th, and by Decree-Law No. 89/2013 of July 9th and Lisbon University Fellowships Regulation, published by Order (extract) No. 6977/2015 of June 23th.

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5. **Place of work:** The work will be developed at the BioISI Institute, Faculdade de Ciências da Universidade de Lisboa.
6. **Scientific supervision:** Dr. Ricardo Pedro Moreira Dias.
7. **Fellowship duration:** This fellowship on an exclusive basis is opened for 6 months, and it can be renewable in equal periods, until the end of the project (excepted 31-03-2019). It is expected to begin in December 2016.
8. **Monthly allowance:** The fellowship amount to € 1210, according to Lisbon University Fellowships Regulation. It will be paid monthly by bank transfer.
9. **Selection criteria:** Candidates will be assessed based on their CV, as follows:
 - Academic degree (25%);
 - Quality of candidates CV (25%)
 - Previous experience in the area of the project (25%)
 - Previous experience in modeling and scripting (25%);

Additionally, an interview (0-100%) can be conducted to the top 3 candidates, if necessary. In the event of a tie, the 3 best candidates will be interviewed. The final classification will be the arithmetic average of CV assessment and interview
10. **Selection Committee:** Doctor Ricardo Pedro Moreira Dias (President), Professor Rogério Paulo de Andrade Tenreiro (1st Effective Member), Professor Francisco José Moreira Couto (2nd Effective Member), Professor Lélia Mariana Marcão Chambel (1st Alternate Member) and Professor Tiago João Vieira Guerreiro (2nd Alternate member).
11. **Publication/notification of results:** The final results of the evaluation will become public, through a final grade ordered list which will be posted at the entrance hall of Faculdade de Ciências da Universidade de Lisboa, C4 bldg, Campo Grande, 1749-016 Lisboa. All applicants will be notified of the results of the evaluation to the email address used for sending the respective application, or by post to the applicant's address.
12. **Deadlines:** This call for applications is open from October 31st to November 21st.
13. **Application:** Application may be sent via e-mail to candidaturas@ciencias.ulisboa.pt, with the subject "BGCT-LIC-RESISTIR", or personally, during office hours (9.00 a.m. to 4.00 p.m.), at the office address of Núcleo de Expediente da Faculdade de Ciências da



Universidade de Lisboa, Edifício C5, piso 1, Campo Grande, 1749-016 Lisboa, until the deadline, by attaching the following documents:

- In the case of being Portuguese citizen, copy of identification document (ID or citizen card);
- In the case of not being Portuguese citizen, copy of identification document (ID card or passport) as well as residence authorization, permanent residence authorization or long-term resident status, if applicable;
- If you agree to be notified for your post address, please send obligatorily the declaration annexed to this Notice;
- Certificates of qualifications of all obtained academic degrees, with final ranking;
- Curriculum Vitae, detailed and updated, stating obligatorily the full candidate's address;
- Document of employment status, indicating the nature of the bond and functions; this document can be replaced by a declaration under honor commitment if there is any professional activity or the provision of services;
- Cover letter;
- Optionally, letters of recommendation.

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DECLARATION

_____ (name of the candidate), declare that if the selection jury chooses to communicate and or notify applicants by e-mail, I agree that such communications and or notifications are made to the email address used for submission of my application.

(Date)

(Signature)