

**PUBLIC NOTICE for FELLOWSHIP APPLICATION  
SCIENTIFIC RESEARCH PROJECT**

In the context of the TELE-Vir - *Point-of-incidence toolbox for emerging virus threats*  
Ref. 2020DD11822

**OPEN CALL**

The National Institute of Health Doctor Ricardo Jorge (INSA IP), Department of Infectious Diseases, opens one position for a posdoc fellow (male/female) under the Research Project OHEJP JRP16-ET2.2-TELE-Vir WORLDCOM -, funded by *European Union's Horizon 2020 research and innovation programme under Grant Agreement no. 773830*.

**Application date:** 25.08.2021- 22.09.2021

**Scientific Area:** Biological Sciences or Computational Biology

**Specific Scientific Area:** Bioinformatics / Computational Biology

**Admission Requirements:** Applicants should hold a BSc. or MSc. in Genetics, Biology, Bioinformatics, Computer Sciences or related fields (mandatory); PhD in the above mentioned fields (mandatory). Only candidates with PhD degree obtained in the last 3 years will be considered, according to point 3 of Article 7 of Regulation No. 950/2019 (mandatory).

**Preferred qualifications:**

- Experience in bioinformatics and/or computational biology.
- Programming skills;
- Some knowledge in microbiology, molecular biology and genetics;
- Some knowledge in (meta) genomics of pathogenic microorganisms;
- Good English level (written and oral);
- High sense of responsibility;
- Ease of relationship, communication and teamwork;
- Full and immediate availability.

**Work objectives:**

This project is part of the concept of “One Health”, in which human health is closely linked to animal and environmental health. Acting in the field of identification and characterization of viruses that can be a threat to humans and/or animals and wild animals (with an emphasis on coronaviruses, such as SARS-CoV-2, and influenza viruses), the work planned for the grant consists of developing and/or implementing bioinformatics modules for: i) analysis of third generation sequencing data (Oxford Nanopore technologies); ii) establishment of genotype-phenotype associations; iii) integrative analysis and visualization of genomic data and epidemiological / clinical data; and, iv) data sharing in web-based interfaces focused on surveillance and targeted to users from multidisciplinary areas (microbiologists, epidemiologists, physicians, etc.).

**Applicable legislation and regulations:**

The Research Fellowship Holder Statute, approved by the Portuguese Law no. 123/2019, of August 28, without prejudice to other legislation in force and to the internal rules of operation of the Institution.

**Workplace:**

**The work will be developed at** Bioinformatics Unit of **the Department of Infectious Diseases, INSA, Av. Padre Cruz, 1649-016, Lisbon.**

**Scientific Orientation:**

The work will be carried out under the scientific supervision of Doctor Victor Borges, Department of Infectious Diseases, INSA I.P.

**Fellowship Duration:**

The fellowship will have a duration of 12 months, with beginning in november.



**Amount of monthly maintenance allowance:**

The amount of the fellowship corresponds to € 1646,00 according to the table of values of scholarships FCT, I.P. (<https://www.fct.pt/apoios/bolsas/valores>), under the terms established in the Research Fellowship Holder Statute, approved by the Portuguese Law no. 40/2004, of August 18 and Personal Accident Insurance or equivalent.

**Selection methods:**

The evaluation will focus on the assessment of academic training and of professional experience in the areas indicated above. The evaluation process includes curricular evaluation and interview. The final classification will be from 0 to 20 values.

**Jury Composition:**

The jury is composed by the Jury President, Doctor João Paulo Gomes, auxiliar researcher with habilitation at INSA I.P. and two effective members: Doctor Victor Borges, auxiliary researcher at INSA I.P., and Doctor Mónica Oleastro, auxiliary researcher at INSA I.P..

**Deadline and application forms:**

Applications must be formalized with reference to the announcement and accompanied by the following documents: Curriculum Vitae, detailed and signed (Academic training, experience and professional training, publications, participation in national and international projects, simple copies of certificates of qualifications, vocational training certificates), letter of motivation, and contacts of an investigator to request a reference letter.

**Applications sent by 22.09.2021 (deadline) by e-mail or regular mail to the following address:**

e-mail: [j.paulo.gomes@insa.min-saude.pt](mailto:j.paulo.gomes@insa.min-saude.pt)

João Paulo Gomes

Núcleo de Bioinformática

Departamento de Doenças Infecciosas

Instituto Nacional de Saúde Dr. Ricardo Jorge

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**Result Notification/Publication:**

The result of the selection process will be announced through the website: <http://www.insa.pt/>, and the selected candidate will be notified by e-mail. The final decision will be communicated to all candidates by electronic mail, with delivery receipt, and thus all candidates will be considered automatically notified to consult the process if they so wishes and to pronounce themselves in a previous hearing within a maximum period of 10 working days. The successful candidate must state in writing his / her acceptance and agreement on the effective start date of the fellowship. Unless otherwise justified, failure to fill a claim within the required period (10 working days) is equivalent to giving up the fellowship. In case of an impediment to the acceptance of the fellowship by the first selected candidate, the option will be the second qualified (and so on) according to the list ordered by the jury of the competition, to be included in the Minutes. The final list of classification under this contest will be posted in a visible place, in the Hall of the Human Resources Department, floor 2, of this Institute.