

Post-Doctoral fellowship position (BPD: Bolsa de Pós-Doutoramento)

1 vacancy

Applications are invited for one Post-Doctoral fellowship position (Bolsa de Pós-Doutoramento) at Global Health and Tropical Medicine, GHTM, UID/Multi/04413/2013, (<http://www.ghm.ihtm.unl.pt>), Instituto de Higiene e Medicina Tropical (<http://www.ihmt.unl.pt>), Universidade Nova de Lisboa, IHMT/UNL, Portugal, funded by Fundação para a Ciência e Tecnologia/Ministério da Educação e Ciência), on the following conditions:

1. SCIENTIFIC AREA:

Biological sciences: bioinformatics

2. REQUIREMENTS:

2.1. MANDATORY REQUIREMENTS:

- PhD in biology, biochemistry, bioinformatics, computational biology or in related areas;
- Programming skills and experience;
- Experience with genomics and/or transcriptomics data;
- Availability for full time dedication to the GHTM/IHMT contract;
- Good knowledge of the English language.

2.2. OTHER DESIRABLE SKILLS:

- Experience with next generation sequencing data;
- Good publication record;
- Ability to work in a team and/or experience in student supervision;
- Experience in international networking and/or acquisition of external funding;
- Experience on Health related research issues, namely infectious diseases;
- Portuguese language is an advantage, but not a strict requirement;

3. ACTIVITY PLAN:

GHTM is a R&D Unit recently classified as Excellent in the international evaluation promoted by the Portuguese Science and Technology Foundation (FCT). GHTM is seeking to build on its existing experience and expertise, expanding to new tools such as NGS data analyses and applications. This post provides an exciting opportunity to interact with a multidisciplinary body of researchers (entomology, parasitology, microbiology, virology and public health) in implementing new research avenues within the scope of GHTM. At first we expect the successful applicant to interact with other GHTM members and build on existing data and gradually progress to a more independent and PI driven approach. Areas of work may include i) Comparative genomics and transcriptomics; ii) Genome-wide association studies; iii) De novo transcript assembly of model and non-model species; iv) Other genomic and transcriptomic tools.

3.1. SPECIFIC RESPONSIBILITIES:

- To support genomic and transcriptomic data analysis within the framework of ongoing research lines of GHTM;
- To manage existing core bioinformatics equipment ensuring access and good practises and propose new acquisitions according to the needs of the research undertaken;
- To actively seek for competitive national and international funding to boost bioinformatics by implementing new research projects within the scope of GHTM objectives.

3.2. GENERIC RESPONSIBILITIES:

- To participate in student supervision (MSc and PhD) and conduct occasional post-graduate teaching;
- To interact with other GHTM members and seek new external partners to develop collaborative research;
- To participate in departmental activities including journal clubs, workshops and seminars. To attend conferences and seminars to keep abreast of current trends;

4. LEGISLATION:

Lei n.º 40/2004, de 18 de Agosto (Estatuto do Bolseiro de Investigação Científica) <http://www.fct.pt/apoios/bolsas/regulamento.phtml.pt>; Regulamento de Bolsas de Investigação do Instituto de Higiene e Medicina Tropical (IHMT) aprovado pela FCT (Diário da República, 2ª série, nº 70, de 10 de Abril de 2007, alterado pelo Regulamento n.º 229/2010 publicado no Diário da República, 2.ª Série, n.º 49, de 11 de Março de 2010, available at <http://www.ihmt.unl.pt>.

5. LOCATION:

Work will be carried out at GHTM/IHMT/UNL under the overall coordination of GHTM coordinator.

6. DURATION OF THE POSITION:

The position is for one year renewable up to a maximum of 36 months, or until the Project ends, and expecting to start on the 01st of September 2016.

7. REMUNERATION:

€1.495,00 per month according to FCT grants remuneration table (<https://www.fct.pt/apoios/bolsas/valores>), plus social security (seguro social voluntário) according the current legal value.

8. SELECTION METHODS:

Selection will be done by curricular evaluation. The best performing candidates of the curricular evaluation may be selected for an interview (in person or by Skype) as an additional evaluation element

if the Jury finds necessary. In this case, the performance in the interview will decide the final order of the selected candidates.

The Final Classification (FC) will be obtained by:

$$FC = 0.60 \times PE + 0.40 \times IN$$

where PE = Professional experience and IN = Interview. These elements will be evaluated according to the following table.

Professional Experience (PE)	70%
Experience with genomics and/or transcriptomics data	15%
Good publication record	15%
Experience with next generation sequencing data	10%
Ability to work in a team and/or experience in student supervision	10%
Experience in international networking and/or acquisition of external funding	10%
Experience on Health related research issues, namely infectious diseases	10%

Interview	30%
Motivation to carry out research in the thematic areas of GHTM	10%
Future professional perspectives	10%
English language	10%

9. COMPOSITION OF JURY:

Professor Henrique Silveira, President, Full Professor, coordinator of GHTM

Prof. Doutor Miguel Viveiros, Effective member, Full Professor, leader of GHTM/THOP group

Prof. Doutor João Pinto, Effective member, Assistant Professor, leader of GHTM/VBD group

Inv.^a Doutora Ana Abecasis, Effective member, Assistant Investigator

Prof.^a Doutora Isabel Mauricio, Substitute member, Assistant Professor, leader of GHTM/EDEC line

Inv. Doutor Luis Lapão, Substitute member, Assistant Investigator, leader of GHTM/PPS Group

10. PUBLICATION OF RESULTS:

Final results of evaluation will be delivered through an ordered list by classification and posted in visible place with access to the general public at IHMT. All candidates will be notified by e-mail.

11. PERIOD AND FORM OF SUBMISSION OF APPLICATIONS:

Applications should be sent from the 4th to 18th of July, 2016.

Applications should include:

- Motivation letter
- CV
- Copy of certificate (PhD and others) with grades if applicable.
- The name, e-mail address and telephone number of two references
- Copy of identity card or passport as applicable

Incomplete applications at the start of the evaluation will not be considered. If a candidate does not hold a certain document until the end of the application period, a declaration of his/her own responsibility may be used as a substitute and the official document should be provided as soon as possible.

Applications should be sent by e-mail/by post, or delivered by hands (9:00am to 06:00pm) at the following address:

a/c GHTM
Anúncio Ref.º: GHTM, UID/Multi/04413/2013 - Bioinformatics
GHTM
Instituto de Higiene e Medicina Tropical
Rua da Junqueira, 100
1349-008 Lisboa
e-mail: secretariado@ihmt.unl.pt

Att: All documents sent by e-mail should have the extension .doc or .pdf and the application reference in the subject.

Instituto de Higiene e Medicina Tropical, 17 June 2016.