

Post-doctoral Fellow (BPD) - Instituto de Higiene e Medicina Tropical, Global Health and Tropical Medicine

Employer: Instituto de Higiene e Medicina Tropical, Universidade Nova de Lisboa

Project: Artificial diet complemented with a Human blood factor. Founded by Grand Challenges Explorations Grants, Bill & Melinda Gates Foundation.

Objectives of the study: The project involves an experimental plan that aims at: 1) providing physiological evidence of the involvement of a ligand-receptor pair in mosquito reproduction and 2) testing the efficacy of the peptide in artificial *in vivo* feeding to sustain breeding in captive mosquito populations. 3) Finally, the researchers will conduct pilot scale testing in a captive colony.

Supervision: Henrique Silveira and João Cardoso / Deborah Power

Location:

- CCMAR, Universidade do Algarve, Faro, Portugal (3 initial months and occasional short periods) - <http://www.ccmar.ualg.pt>
- IHMT, Universidade Nova de Lisboa, Lisboa, Portugal (rest of the time) - <http://www.ihmt.unl.pt/en/>

Starting date: 4th of January 2016

Duration: 16 months (6 months evaluation).

Salary: € 1.495,00 per month plus SSV*

*Legislation and regulations on research grants is available at: <http://www.ihmt.unl.pt/relatorios/estatutos-e-regulamentos/>

Qualifications:

- PhD in biology, biochemistry or any related areas;
- Strong research experience and publication record;
- Experience with molecular and cell biology assays;
- Experience with murine animal models is an advantage;
- Experience in insect biology and control can be advantageous;
- Spoken Portuguese is not necessary;
- Fluent in English (spoken and written)
- Candidates must have full-time dedication to the project

Applications should include:

- Motivation letter
- Complete CV
- The name, e-mail address and telephone number of 2 referees
- Copy of identity card or passport as applicable
- Copy of certificate (PhD and others) with grades if applicable.

Applicants should be available for interview locally or via Skype.

Any queries and applications (PDF document) should be sent electronically to hsilveira@ihmt.unl.pt and jccardo@ualg.pt no longer then the **3rd of December 2015**.