

Post-Doc positions in Campinas, Brazil - Unique scientific opportunity to help drive medicinal chemistry in Brazil for global neglected diseases

Introduction

The research group of Prof. Luiz Carlos Dias (UNICAMP) seeks 2 researchers with experience in organic synthesis and ideally also medicinal chemistry, for post-doctoral positions with MMV fellowships.

The MMV/DNDi/UNICAMP/USP Consortium to discover new drugs for the treatment of tropical parasitic diseases will be expanding in 2018 based on previous successful collaborations between these organizations. The major goals of this collaboration are (1) the delivery of preclinical candidates for the treatment of Chagas disease, leishmaniasis and malaria, and (2) working towards building a world class academic drug discovery center for tropical diseases in Latin America. In this regard, we are looking to attract Post-doc's to play leading roles with the drug discovery team at the University of Campinas, São Paulo.

In the first instance, we envision a stay of 1-2 years in Brazil, although the fellowship could be extended up to 36 months. The grant provides a salary of R\$ 7.174,80 per month which would be tax free in Brazil.

This project involves collaboration *Medicines for Malaria Venture* (MMV, www.mmv.org). The *Medicines for Malaria Venture* is a nonprofit organization conducting research and development that works to provide new treatments for malaria.

The selected post-doc will design target molecules and synthetic routes to those targets, working on series provided by MMV, then carry out the synthesis in the laboratory. The selected candidates will be expected to play a leading role in the drug discovery project and liaise closely with other drug discovery scientists (*e.g.* medicinal chemistry, parasitology, DMPK, safety, formulation), contributing to the overall project team. These roles offer opportunities to work with leading drug discovery scientists in academia and industry.

The candidate must have training in synthetic organic chemistry. Experience in Medicinal Chemistry is an advantage but candidates with a strong desire to learn Medicinal Chemistry and drug discovery will be considered and appropriate training provided.

Applications can be submitted only by e-mail, with attached documentation in PDF format, and sent to the Prof. Luiz Carlos Dias (UNICAMP), principal investigator of the project (ldias@iqm.unicamp.br) until July 20th, 2018.

Necessary documents in PDF format: letter of interest, current CV including published papers attesting the capacity to carry out the project and summary of the PhD thesis (1-2 pages).

The vacancy is open to Brazilians and foreigners.

Essential Requirements:

- PhD in organic or medicinal chemistry.
- Outstanding record of scientific achievements as evidenced by publications, patents *etc.*
- Demonstrated ability to work in and lead multi-disciplinary teams.
- Strong Interest in Medicinal Chemistry and drug discovery
- Excellent organization, interpersonal, presentation and communication skills in English (working language).

Desirable Requirements:

- Previous Medicinal Chemistry experience
- Experience with chemoinformatic programs, ideally DataWarrior and StarDrop.