

## Master's Project Proposal

### **Title: Targeting cancer with malaria parasites**

**Synopsis:** This Master's Proposal will focus on the combined use of transgenic malaria parasites and rodent models of cancer to explore the potential of the former to combat the latter. The project will involve multiple experimental methodologies, including animal experimentation, molecular biology, immunofluorescence microscopy, quantitative reverse transcriptase PCR and histopathology, and will be carried out at Instituto de Medicina Molecular (iMM) under the supervision of Maria M. Mota and the co-supervision of Miguel Prudêncio. The student will operate at the interface between these laboratories and other iMM research groups with expertise in the biology of cancer. Applicants are expected to display proactivity, a capacity to operate at a multidisciplinary level, and a strong ability to gain autonomy. Besides her/his supervisors, the selected candidate will interact with and have the opportunity to learn from the members of different research teams at iMM.

**Submit applications by email** to Sofia Marques, Mota Lab: [smarques@medicina.ulisboa.pt](mailto:smarques@medicina.ulisboa.pt) including your CV, a Motivation Letter and the name(s) and contact details of at least 1 reference.

**Supervisor:** *Maria M. Mota, Maria Mota Lab, [mmota@medicina.ulisboa.pt](mailto:mmota@medicina.ulisboa.pt)*

**Co-Supervisor:** *Miguel Prudêncio, Miguel Prudêncio Lab, [mprudencio@medicina.ulisboa.pt](mailto:mprudencio@medicina.ulisboa.pt)*

[Webpage of the group](#)

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