



FUNDAÇÃO CALOUSTE GULBENKIAN

Instituto Gulbenkian de Ciência

Three Postdoctoral Positions in Infectious Disease Dynamics



Three postdoctoral positions in Infectious Disease Dynamics are available in the Collective Dynamics group at Instituto Gulbenkian de Ciência, located in Lisbon, Portugal (www.igc.gulbenkian.pt).

The group studies collective phenomena, with a current focus on infectious disease ecology and evolution. The central theme of our research derives from a conceptual model of adaptive immunity whose collective outcome - the reinfection threshold - underlies a phenomenological transition in epidemic dynamics. Measurable effects range from marked geographical variability in the effect of vaccination programs to destabilized transmission favoring polymorphism in antigenically diverse pathogens. We intend to refine these theoretical concepts and analytical methods in stimulating feedback with experimental research.

Applicants should have a PhD in computational biology, and strong motivation for population biology. Interested candidates should send their *Curriculum Vitae*, a statement of research interests, and two reference contacts to:

Gabriela Gomes
ggomes@igc.gulbenkian.pt

The selection process begins on the 1st December 2010.