



**CICLO
DE CONFERÊNCIAS 2012**
CENTRO INVESTIGAÇÃO
ISPA - INSTITUTO UNIVERSITÁRIO

THE GOURMET FLY - THE MOLECULAR AND NEURONAL BASIS OF NUTRIENT DECISIONS IN DROSOPHILA

We are interested in understanding how molecular and cellular mechanisms control complex biological processes at the level of the whole organism. For this we are focusing on how the internal metabolic state of the fruit fly *Drosophila melanogaster* affects its behavioural decisions. I will discuss how starting from novel behavioural paradigms we use molecular genetic techniques to identify and characterize molecular mechanisms and neuronal populations involved in producing the appropriate behavioural response to a specific metabolic need of the fly.



Carlos Ribeiro, PhD

Champalimaud Neuroscience Programme
Champalimaud Centre for the Unknown

22 OUTUBRO 2012

12H30

AUDITÓRIO 1

ENTRADA LIVRE