



**CICLO
DE CONFERÊNCIAS 2014/2015
A CIÊNCIA QUE POR CÁ SE FAZ
CENTRO DE INVESTIGAÇÃO
ISPA - INSTITUTO UNIVERSITÁRIO**

SIMPLE MINDS LIVING IN COMPLEX SOCIAL WORLDS: ZEBRAFISH AS A MODEL TO STUDY SOCIAL COGNITION

The complexity of the social environment is considered to be a major selective force in brain evolution, due to the need that social living animals have to continuously adjust the expression of their social behavior to a changing social environment. In this talk I will identify what are the elementary cognitive processes particularly needed for the development of social skills, and discuss if they have differentiated neural modules in the nervous system, using the zebrafish as a model of a social teleost fish. This approach will help to develop a neurobehavioural comparative framework to search for common elementary modules of social cognition within vertebrates, and it will also further support the use of zebrafish as a vertebrate model organism for translational research in social and affective neuroscience.

22 SETEMBRO 2014

12H30

AUDITÓRIO 1

ENTRADA LIVRE



Rui Oliveira

ISPA - Instituto Universitário

ISPA



CI

CENTRO
DE INVESTIGAÇÃO

Rua Jardim do Tabaco, 34
1149 - 041 Lisboa

T. 218 811 700
F. 218 860 954

ci@ispa.pt
www.ispa.pt



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