

# Introduction to digital bioimage analysis



**24-27 SEPTEMBER, 2019**

i3S, INSTITUTO DE INVESTIGAÇÃO  
E INOVAÇÃO EM SAÚDE  
AUDITORIUM CORINO DE ANDRADE

## **CONTENTS:**

Principles, techniques and ethics of digital bioimage processing.  
Introduction to ImageJ/Fiji and Cellprofiler software.  
Working with multidimensional (2D, 3D, time-lapse, position) bioimages.  
Enhancement and processing of images.  
Extract quantitative numerical data.  
Design of workflows for automation of image analysis.  
Participants are invited to submit in advance an analysis problem/  
data of their interest that might be addressed  
in the course as an individual mini-project.

## **COURSE COORDINATOR:**

Paula Sampaio, i3S / IBMC

## **REQUIREMENTS:**

The participant should bring a  
personal laptop for the sessions.

**LIMITED NUMBER OF PARTICIPANTS: 15**

**ADVANCED TRAINING UNIT**

REGISTRATION & MORE INFORMATION:

**[www.i3S.up.pt](http://www.i3S.up.pt)**

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