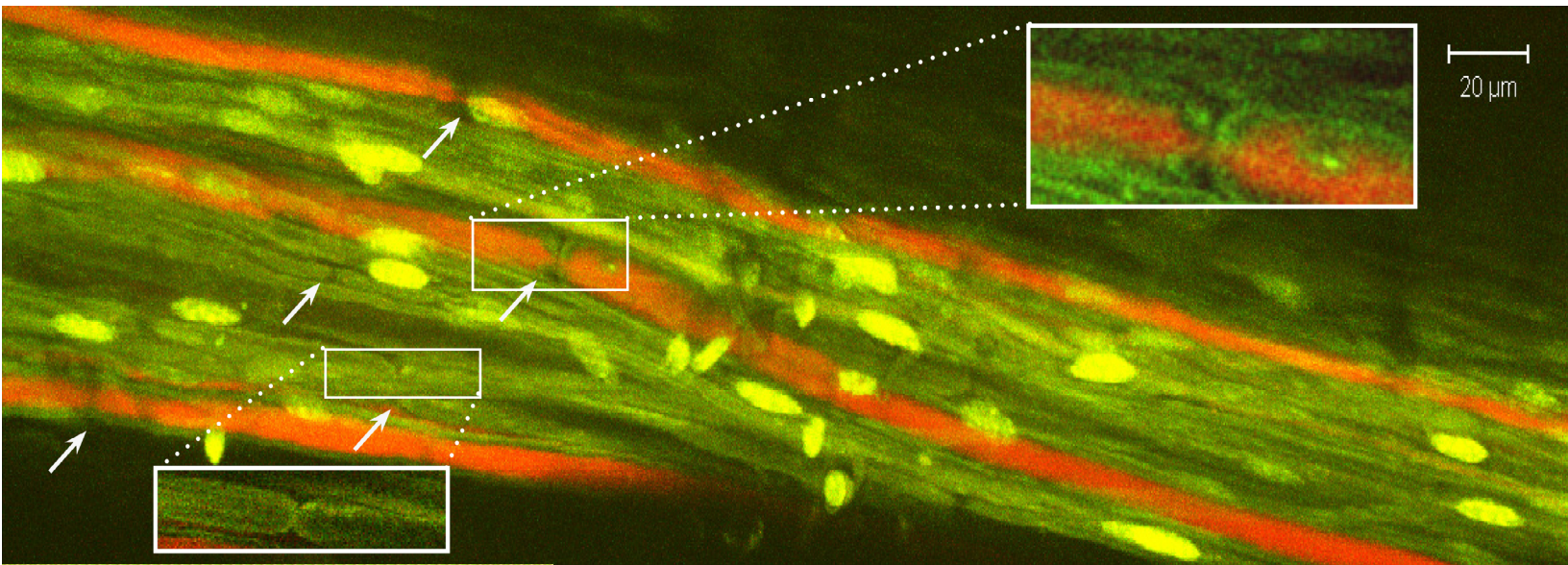


# Acquisition and Analysis of live cell imaging



## A Theoretical and Demonstrative Workshop

- **ELIGIBILITY**

Only register participants to the The XXIII National Conference of the Romanian Society of Physiological Sciences meeting can apply for this workshop

- **DATA**

26 May 2016

- **LOCATION**

University of Medicine and Pharmacy of Craiova

- **WORKSHOP MANAGEMENT**

Experimental research centre in normal and pathological aging - ARES

## INFORMATION

Live-imaging approaches are indispensable in modern biomedical research. Efficient use of such approaches requires both specific technology and data analysis knowledge of dedicated software. As more and more research institutions gain access to modern microscopy equipment, the knowledge of how to generate high quality data and analyse them in an effective manner is one of the major limiting factors in using such approaches. In this

course specialized research groups will provide basic training in animal preparation, data acquisition and computer-aided techniques for microscopic image processing in the fields of cell biology and developmental research. In this introductory workshop the main emphasize is laid on how to do a cranial window implantation and how to use free-ware (e.g. ZEN, ImageJ) and commercial standard software solutions to do basic data analysis.

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