

Course for Light Microscopists

# Basic Concepts of Bioimage Analysis

12-14 June

Turku Doctoral Programme in Molecular Medicine  
(TuDMM) and Finnish Euro-BioImaging Node

## CONTENTS OF THE COURSE

DAY 1 – Introduction to image analysis (open to general public)

- What is a digital image?
- Quantitative microscopy workflow
- Available image analysis software
- Image analysis ethics: background and case studies

DAY 2 – Image analysis concepts (max 25 participants selected)

- Pixel data types, look-up tables, and results visualization
- Convolution, segmentation, intensity and object shape measurements, and much more

DAY 3 – Hands-on training (max 25 participants selected)

- ImageJ macro programming essentials
- ImageJ hands-on training with going through participants' own image analysis problems

Registration deadline: 15 May

Apply here:

<https://link.webropol-surveys.com/S/725C6B9DC91D0404>

Instructors

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