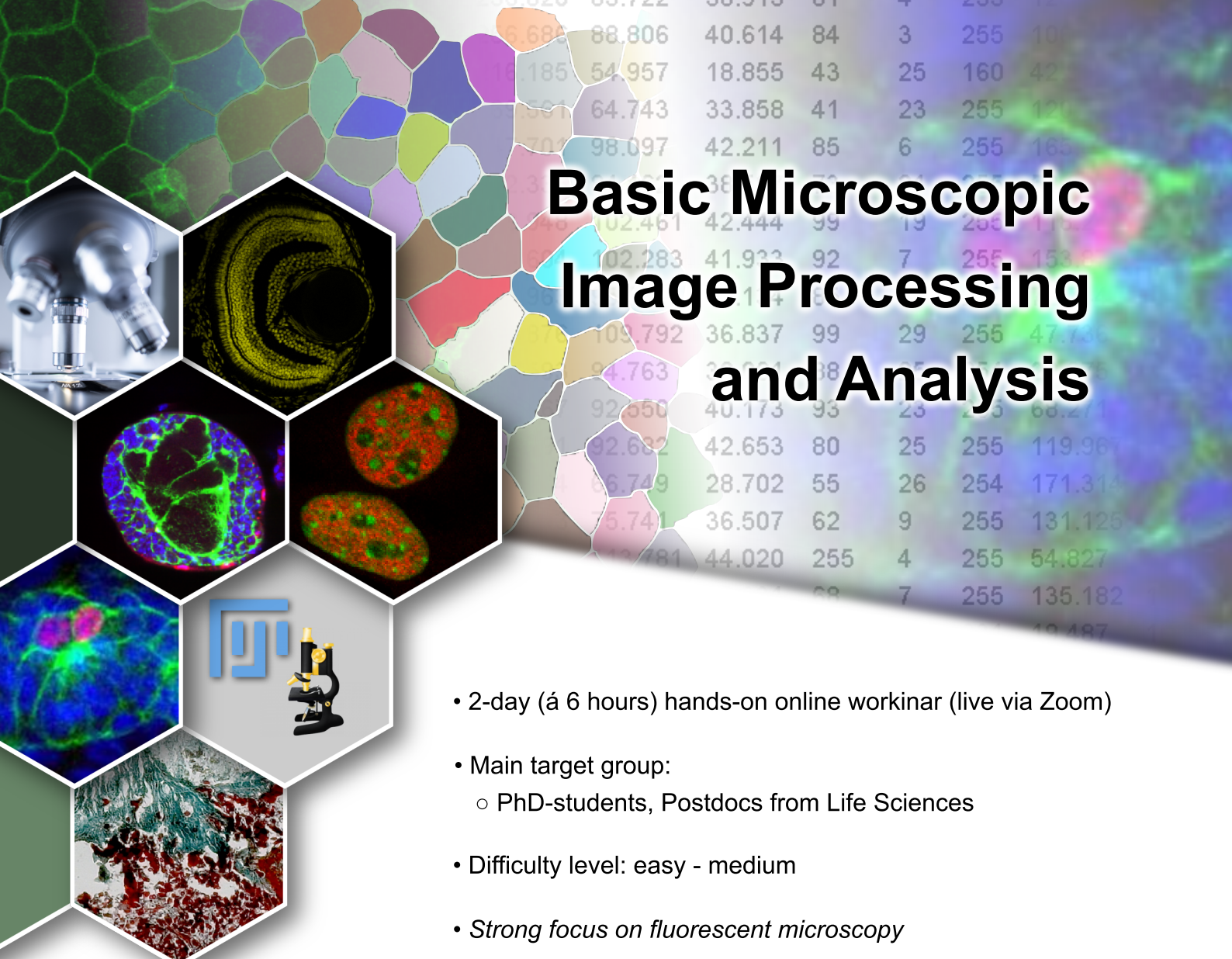


Basic Microscopic Image Processing and Analysis



- 2-day (à 6 hours) hands-on online workinar (live via Zoom)
- Main target group:
 - PhD-students, Postdocs from Life Sciences
- Difficulty level: easy - medium
- *Strong focus on fluorescent microscopy*
- Software: Fiji (ImageJ bundle), free, open-source
- No prior software knowledge required
- Learning objectives:
 - proper file formats, accessing metadata
 - learn how to establish a stepwise image analysis pipelines
 - insight into how image filters improve object segmentation
 - understanding important processing steps
 - improving object segmentation with post-processing
 - insight into machine learning as alternative to classical methods
 - basics for automatic analysis of many images

• Requirements:

- Computer with possibility to install Fiji
- Windows / Mac / Linux
- stable internet connection
- microphone / headset
- a computer mouse
- best 2 monitors

