COURSE: APPLICATION OF IMAGING TECHNIQUES IN LIFE SCIENCES

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Main topics:
- Fundamentals in Microscopic Imaging
- Introduction to Light microscopy
- Basic Histological Techniques in Life Sciences
- Microphotography as a source of information in biomedicine
- Transmission Electron Microscopy in Life Sciences
- Image processing and analysis

Programme structure:
- 5-day course
- Sample data will be provided for practice and for final presentation
- Every student gets lecture notes bound into a booklet

Important dates:
Course dates: 02/09/2019 – 06/09/2019
Deadline for application: 01/07/2019
Payment due by: 01/08/2019
Confirmation of the course: 10/08/2019
Price of the course: 300 € (tax included)
Bed & breakfast: 189 € (tax included) – contact person:

Programme plan:
Day 1
- Fundamentals in Microscopic Imaging (4h)
Day 2
- Introduction to light microscopy (2h)
- Basic histological techniques in life sciences (2h)
- Individual work/exercise (2h)
Day 3
- Microphotography as a source of information in biomedicine (2h)
- Excursion (6h)
Day 4
- Transmission electron microscopy in life sciences (2h)
- Individual work/exercise (4h)
Day 5
- Final presentations (4h)
- Short exam

Programme lecturers:
Prof. Ivana Bočina, Ph. D.
Prof. Michael Wick, Ph. D. University of Coburg
Nives Kević, Ph. D.
University of Split, Faculty of Science, Department of Biology,
Split, Croatia, Croatian Scientific Bibliography

Assoc. Prof. Katarina Vukojević, Ph. D.
Assist. Prof. Natalija Filipović, Ph. D.
Assist. Prof. Sandra Kostić, m. Ph. D.
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