



SPLIT SUMMER SCHOOL STSS2018

COURSE: APPLICATION OF IMAGING TECHNIQUES IN LIFE SCIENCES

Contact person: Ivana Bočina bocina@pmfst.hr

phone: +385 91 733 22 95

Web page: <http://www.unist.hr/split-summer-school-2018>

Main topics:

- 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, as well as a CD containing a digital version of the booklet, the current version of Y-code

Important dates:

Course dates: 03/09/2017 – 07/09/2018

Deadline for application: 01/07/2018

Payment due by: 01/08/2018

Confirmation of the course: 10/08/2018

Price of the course: 300 € (tax included)

Bed & breakfast: 189 € (tax included) – contact person: Marina Kero marina.kero@scst.hr

Programme plan:

Day 1

- Introduction to light microscopy (2h)

- Individual work/exercise (4h)

Day 2

- Basic histological techniques in life sciences (2h)

- Individual work/exercise (4h)

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:

Assoc. Prof. Ivana Bočina, Ph. D.

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, Ph. D.

Assist. Prof. Snježana Mardešić, Ph. D.

University of Split, School of Medicine, Department of Anatomy, Embryology and Histology, Split, Croatia. Croatian Scientific Bibliography

Ivana Restović, Ph. D.

University of Split, Faculty of Philosophy, Split, Croatia. Croatian Scientific Bibliography