

## **Light Microscopy Workshop (Foisner, Gotzmann)**

### **Organization meeting:**

March 29, 4:00 pm Structural Biology Lecture Hall A (just before Journal Club)

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The Workshop will include a basic lecture on Light Microscopy Methods by Roland Foisner, and Introductory Lectures on Light Microscopes and specific applications by Josef Gotzmann and a demonstration/hands on session by J. Gotzmann on the confocal microscope(s), the widefield fluorescence / live imaging microscope and the microdissection microscope.

### **April 20, 9:00-11:00am, Seminar Room, 3rd floor**

Roland Foisner: Basic Introduction to Light Microscopy and Applications

### **April 20, 2:30-4:30pm, Seminar room, Structural Biology**

Josef Gotzmann: Introduction into Light Microscopes

This lecture is not required for students who have already attended the "introductory Lecture" of MFPL's BioOptics facility.

### **April 21, 10:00am-12:30pm, Seminar room, Structural Biology**

Josef Gotzmann: Specific Applications in Light Microscopy focusing on existing microscopes

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**Please sign in for 1, maximal 2, demonstration/hands-on session**

### **April 21, 1:30-4:30pm, Confocal Microscopy**

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| 1. Thomas Kupka  | 2. Bhumika Bhatt |
| 3. Kyojiro Ikeda | 4. Ivana Mikulic |

### **April 22, 9:00-10:30am, Microdissection**

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| 1. Ilona Staszewska   | 2. Ivana Mikulic    |
| 3. Katarina Cingelova | 4. Justyna Boniecka |

### **April 22, 11:00am-1:30pm, Widefield fluorescence / Live Microscopy**

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| 1. Astrid Hagelkrüys | 2. Karina Scherrer |
| 3. Kyjira Ikeda      | 4. Bhumika Bhatt   |

**April 22, 2:00-5:00pm, Confocal Microscopy or whatever is needed – the topic of this session will be announced after needs are checked**

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| 1. Ana Lozano       | 2. Ania Sawicka    |
| 3. Justyna Boniecka | 4. Eva Mihailovska |