Module 10: Image analysis

Assignments and Workshop: Student Imaging Challenge

Questions about the Preparing and imaging live samples video

Assignments and Workshop: Student Imaging Challenge

Lecture: Introduction to super resolution microscopy

Lecture: Anatomy of a microscope, Part 2

Lecture: Nature of light

Lecture: Basic optics for light microscopy

Lecture: Image formation

Group discussion: Image formation

Questions

Sylvie Le Guyader

Lecture: Key concepts of light microscopy

Lecture: Anatomy of a microscope, Part 2

Lecture: Anatomy of a microscope, Part 3

Workshop: Anatomy of a microscope video and survey demo

Workshop: Anatomy of a microscope

Questions

Thu 02/02

Module 4: Working with objectives

09:00-09:10 Sylvie Le Guyader Lecture: Objectives

10:20-10:35 Group discussion: Objectives

10:45-11:00 Group discussion: Objectives

11:30-12:10 Group discussion: Objectives

12:45-13:00 Group discussion: Objectives

13:45-14:00 Group discussion: Objectives

14:15-14:30 Group discussion: Objectives

14:45-15:00 Group discussion: Objectives

15:15-15:30 Group discussion: Objectives

15:45-16:00 Group discussion: Objectives

16:15-16:30 Group discussion: Objectives

16:45-17:00 Group discussion: Objectives

Fri 02/02

Assignments and Workshop: Student Imaging Challenge

Mon 05/02

Assignments and Workshop: Student Imaging Challenge

Tues 06/02

Module 5: Sample preparation

09:00-09:10 Feedback, questions, and portfolio

09:20-09:40 Discussion: Acquiring images with all your microscope objectives

09:40-10:10 Feedback, questions, and portfolio

10:30-10:40 Gabriela Imreh Lecture: Sample preparation

10:40-11:00 Group discussion: How can you improve your sample preparation?

11:00-11:10 Group discussion: How can you improve your sample preparation?

11:10-11:30 Group discussion: How can you improve your sample preparation?

11:30-12:00 Group discussion: How can you improve your sample preparation?

12:00-12:10 Group discussion: How can you improve your sample preparation?

12:10-12:30 Group discussion: How can you improve your sample preparation?

12:30-13:00 Group discussion: How can you improve your sample preparation?

13:00-13:10 Group discussion: How can you improve your sample preparation?

13:10-13:30 Group discussion: How can you improve your sample preparation?

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14:30-15:00 Group discussion: How can you improve your sample preparation?

15:00-15:10 Group discussion: How can you improve your sample preparation?

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15:30-16:00 Group discussion: How can you improve your sample preparation?

16:00-16:10 Group discussion: How can you improve your sample preparation?

16:10-16:30 Group discussion: How can you improve your sample preparation?

16:30-17:00 Group discussion: How can you improve your sample preparation?

17:00-17:15 Group discussion: How can you improve your sample preparation?

17:15-17:30 Group discussion: How can you improve your sample preparation?

17:30-17:45 Group discussion: How can you improve your sample preparation?

17:45-18:15 Group discussion: How can you improve your sample preparation?

18:15-18:30 Group discussion: How can you improve your sample preparation?

18:30-19:00 Group discussion: How can you improve your sample preparation?

19:00-19:15 Group discussion: How can you improve your sample preparation?

19:15-20:00 Group discussion: How can you improve your sample preparation?

20:00-20:15 Group discussion: How can you improve your sample preparation?

20:15-20:30 Group discussion: How can you improve your sample preparation?

20:30-20:45 Group discussion: How can you improve your sample preparation?

20:45-21:00 Group discussion: How can you improve your sample preparation?

21:00-21:15 Group discussion: How can you improve your sample preparation?

21:15-21:30 Group discussion: How can you improve your sample preparation?

21:30-21:45 Group discussion: How can you improve your sample preparation?

21:45-22:00 Group discussion: How can you improve your sample preparation?

22:00-22:15 Group discussion: How can you improve your sample preparation?

22:15-22:30 Group discussion: How can you improve your sample preparation?

22:30-22:45 Group discussion: How can you improve your sample preparation?

22:45-23:00 Group discussion: How can you improve your sample preparation?

23:00-23:15 Group discussion: How can you improve your sample preparation?

23:15-23:30 Group discussion: How can you improve your sample preparation?

23:30-23:45 Group discussion: How can you improve your sample preparation?