

# Class presentations: 20 minutes with Q/A

Status: 25.11.2025

01.12.2025

(8:15) Shileen Azarin + Maxime Lehmann : Optical coherence tomography (OCT)

(8:35) Mamoun Alaoui Slimani + Antonio Del Priore Antunes : Optogenetics

(8:55) Marina Cortés + Margot Vogelsperger: Laser Doppler Flowmetry

(9:15) Victor Cartier-Negad + Hugo Mascarau: Photoacoustic imaging for cancer detection

(9:35) Sophie Lehmann + Matthieu Pralong: Pulse oximetry: Perturbations and correction of the effects induced by melanin.

- Use the general forum on Moodle to find a classmate for the presentation.
- Please send your presentation to GW at least one day in advance to save time.
- Use your own laptop if you have videos or if the file format is not ppt or pdf.

# Class presentations: 20 minutes with Q/A

Status: 25.11.2025

08.12.2025

(8:15) Armando Bourgknecht and Yangxi Li: PhotoDynamic Therapy

(8:35) Valentine Picht and Maud Ponticelli: Cycle-dependent variations in breast tissue optics: A challenge for cancer diagnostics

(8:55) Laura Worthington and Tristan Torres Sanchez: Laser Assisted In situ Keratomileusis (LASIK)

(9:15) Melissa Riesen and Irène Andres: Small Incision Lenticule Extraction (SMILE)

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