

**Program of XD107 seminar in the Spring Semester 2021**  
**Thursday June 10, 2021 B11-132**

	Time		
	8:00 - 8:45	Registration	Sign attendance sheet in B11/132 room. Pin up posters in the Hallway between C14 and B11, 2nd floor
	8:45 - 9:00	<b>Opening</b>	<b>B11-132</b>
<b>Number</b>		<b>Lectures</b>	<b>B11-132</b>
<b>1</b>	9:00	Marina Russo	Design and mechanistic study of new photo-activated carbon monoxide releasing molecules
<b>2</b>	9:30	Paweł Marcin Szczepanik	A flexible synthetic strategy enabling preparation of novel forskolin analogues
<b>3</b>	10:00	Josef Kučera	Study on luminescence quenching of selected systems
<b>4</b>	10:30	Huang Fei	Silver-Doped (GeS <sub>2</sub> ) <sub>50</sub> (Sb <sub>2</sub> S <sub>3</sub> ) <sub>50</sub> Chalcogenide Glasses
<b>5</b>	11:00	Marek Stiborek	Single-particle IR LA ICP MS digital imaging of tissues
	11:30 - 12:00	<b>Break</b>	
	12:00-13:00	<b>Posters</b>	Hallway between C14 and B11, 2nd floor. All poster authors are present at their posters. Vote for the best lecture and poster by 13:00 in B11-132
	13:15	<b>Best Lecture Award, Best Poster Award, Conclusion</b>	<b>B11-132</b>
		<b>Posters</b>	
<b>1</b>		Josef Kučera	Signal amplification using deuterated water-based buffers in capillary electrophoresis coupled to laser induced fluorescence detection
<b>2</b>		Sabina Kovaříková	Modelling of τ-phase in Al-Cu-Zn system
<b>3</b>		Jakub Věžník	ROS-activated prodrugs based on ferrocenyliminoboronates: Redox dependent stability and cytotoxicity