

Course title in English	Molecules labelling. Theory and practice
Course title in Polish	Znakowanie cząsteczek. Teoria i praktyka
Course code	
Type of course	Lecture
Level of course	PhD
Year of study	1-4
Semester/trimester	2/4/6/8
Number of hours/credits allocated	15/1
Name of lecturer	Adam Lesner
Objective of the course (expected learning outcomes and competences to be acquired)	<p>Knowledge: Ability to describe the fundamental of selective reactivity. Ability to enumerate the types of reporter molecules and its properties.</p> <p>Skills:</p> <p>Able to use a proper biochemical and chemical terminology. Able to critical analysis of scientific literature in terms of protein and nucleic acid labelling</p> <p>.</p> <p>Social competence:</p> <p>understands the need for continuous learning</p> <p>has the awareness of a critical analysis of his own work</p>
Prerequisites	Positive mark: Biochemistry, macromolecules, organic chemistry
Course contents	
Recommended reading	Selected papers from last ten years focused on the lecture contents.

Teaching methods	Lecture supported by power point presentation
Assessment methods	Presentation/essay
Language of instruction	Polish