Course title in English	**HIV biochemistry**
Course title in Polish	Biochemia wirusa HIV
Course code	
Type of course	Lecture
Level of course	PhD
Year of study	1-4
Semester/trimester	1/3/5/7
Number of hours/credits allocated	30/2
Name of lecturer	Piotr Mucha PhD, DSc, prof. assoc.,
Objective of the course (expected learning outcomes and competences to be acquired)	*Knowledge*: Student 1. has general knowledge of the construction and functioning of viruses 2. has a basic knowledge of the spread of HIV and the structure of the AIDS epidemic in the world 3. defines the various stages of the HIV replication cycle 4. presents the properties and principles of antiretroviral drugs *Skills*: Student 1. uses biochemical and genetic terminology to the extent necessary to present issues related to HIV 2. presents the structure and replication cycle of the HIV virus and understands the resulting consequences for the infected organism 3. presents the possibilities of blocking the HIV replication cycle at various stages by antiretroviral drugs *Social competence*: Student

	1. Understands the need for continuous and systematic education, 2. demonstrate the ability to critically evaluate and analyze information on HIV contained in the mass media 3. Understands the need to systematically get acquainted with the latest achievements of research on HIV biology and methods of its disposal contained in scientific journals
Prerequisites	
Course contents	
Recommended reading	Literature required for the final passing of the course A. used during classes J.M. Coffin, "Retroviruses", Cold Spring Harbor Lab. Press, 2002 J.M. Berg, L. Stryer, J. L. Tymoczko, "Biochemistry", PWN, 2005, A. Piekarowicz, "Fundamentals of molecular virology", PWN, 2004 B. Supplementary literature Review publications recommended (provided) by the teacher
Teaching methods	Lecture with multimedia presentation
Assessment methods	written test or problem questions
Language of instruction	Polish