

Course name: Vaccines and plasma-based preparations of therapeutic purpose (USOS
Code: B-BMOL.018)

ECTS: 3

No. of hours: 30 (15 lectures + 15 classes)

Course coordinator: Dr Magdalena Mizerska-Kowalska

Prerequisites: General knowledge of virology and human immunology.

Course description: Vaccines - the history and definition, the schemes of development and clinical trials, the components of vaccines and their roles, the currently available types of vaccines, the new types of vaccines, the characteristic of chosen vaccines. Plasma-based preparations - the history and definition, the production of human immune globulin, albumin, and coagulation factor concentrates (methods, steps and restrictions/regulations), the therapeutic purposes.

Recommended literature: Vaccinology: An Essential Guide, Materials, i.e. review papers provided by the teacher.