

Academic year	Semester	Description of the conducted research
2019/2020	1	Computer modeling of small molecule, peptide and protein inhibitors. Production of immunoreceptors in expression systems of mammals.
2019/2020	2	Continuation of inhibitor modeling. Production of immunoreceptors in mammalian and prokaryotic expression systems. Synthesis of engineered immunoreceptors. Development of large capacity test methods to determine protein-inhibitor interactions.
2020/2021	1	Continuation of inhibitor modeling. Continuation of the synthesis of engineered immunoreceptors. Continuation of the production of immunoreceptors in mammalian and prokaryotic expression systems. Study of protein-inhibitor interactions by large capacity methods.
2020/2021	2	Continuation of the study of protein-inhibitor interactions by large capacity methods. Study of immunoreceptor structure. Optimization of compounds showing interactions with immunoreceptors.
2021/2022	1	Continuation of the synthesis of engineered immunoreceptors. Continuation of the study of protein-inhibitor interactions by large capacity methods. Development of cellular research models allowing to determine the activity of selected inhibitors. Continuation of the optimization of compounds showing interactions with immunoreceptors.
2021/2022	2	Continuation of the study of protein-inhibitor interactions by large capacity methods. Study of the activity of selected inhibitors based on developed cell research models. Development of cellular research models allowing to study the synergistic effect of selected inhibitors as candidates for combination therapy.
2022/2023	1	Continuation of the study of the activity of selected inhibitors based on developed cell research models. Study in cellular research models of the synergistic effect of selected inhibitors as candidates for combination therapy.
2022/2023	2	Continuation of interaction studies in cellular research models. Preparation of the doctoral dissertation.