**Foreign projects (2015-2018)**

|  |  |  |  |
| --- | --- | --- | --- |
| **№** | **Name of scientific / research programs and projects** | **Implementation period** | **Customer** |
|  | **Year 2015** |  |  |
|  | Central Asian network for education, research and innovation on environmental health | 2012-2015 | European Union TEMPUS programme |
|  | Influence of body components and biochemical factors of soft tissues on genetic variation of body mass index (BMI) in ethnically homogeneous population | 2014-2015 | Israel science Foundation, Israel |
|  | Monitoring the circulation of S. Pneumoniae serotypes among children under 5 years in certain areas of Kazakhstan and evaluation of the effectiveness of vaccination against pneumococcal infection | 2013-2015 | OO "Vaccinology» |
|  | Creation of the German-Kazakh system of diagnostics of infectious diseases caused by potential biological agents | 2012-2015 | Bundeswehr Institute of Microbiology, Federal Republic of Germany |
|  | Development and creation of a method of personalized gene diagnostics of atherosclerosis and evaluation of its effectiveness in replicative interpopulation studies | 2015-2016 | Research Institute of atherosclerosis, SKOLKOVO innovation center, Moscow |
|  | Implementation research training using Echinococcosis as a model in kazakhstan | 2015-2017 | World Health Oraganization |
|  | Study of the causes of low art adherence among PLHIV in Kazakhstan | 2015 | JOHNSON & Johnson LLC |
|  | Home care for the elderly and disabled | 2015-2017 | D. F. Chebotarev Institute of gerontology of the National Academy of medical Sciences of Ukraine |
|  | **Year 2016** |  |  |
|  | Implementation research training using Echinococcosis as a model in Kazakhstan | 2016г. | World Health Oraganization |
|  | Creation of the German-Kazakh system of diagnostics of infectious diseases caused by potential biological agents | 2016г. | Bundeswehr Institute of Microbiology, Federal Republic of Germany |
|  | Strengthening Network in Education, Research and Innovation in Environmental Health in Asia (TUTORIAL) | 2016г. | Education, Audiovisual and Culture Executive Agency |
|  | **Year 2017** |  |  |
|  | Strengthening Network in Education, Research and Innovation in Environmental Health in Asia | 2016-2018 | Education, Audiovisual and Culture Executive Agency |
|  | German-Kazakh cooperation on Biosafety and biosecurity | 2017-2019 | German Ministry of defence |
|  | Point-of- care Rapid Diagnostic Tests in for the diagnosis of Cystic Echinococcosis in endemic settings: a field study in Kazakhstan | 2017 | ESCMID |
|  | Multicenter international prospective study of pneumococcal infection peculiarities | 2016-2018 | Rostropovich-Vishnevskaya Foundation |
|  | **Year 2018** |  |  |
|  | Multicenter international prospective study of pneumococcal infection peculiarities | 2017-2019 | Rostropovich-Vishnevskaya Foundation |
|  | German-Kazakh cooperation on Biosafety and biosecurity | 2017-2019 | German Ministry of defence |
|  | KazNMU-SUNY HIV research and training programs | 2016-2021 | NIH Fogarty international center |
|  | Strengthening Network in Education, Research and Innovation in Environmental Health in Asia | 10.2016-10.2019 | Erasmus plus programme |
|  | Erasmus+ Programme Key Action 1– Mobility for learners and staff –Higher Education Student and Staff Mobility Inter-institutional agreement 2016-2021 between institutions from programme and partner countries | 2016-2021 | Erasmus plus programme |
|  | Erasmus+ Programme Key Action 1– Mobility for learners and staff –Higher Education Student and Staff Mobility Inter-institutional agreement 2018-2020 between institutions from programme and partner countries | 2018-2020 | Erasmus plus programme |

**Projects (2015-2018)**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **№** | **Name of scientific / research programs and projects** | **Form of financing** | **Implementation period** | **Customer** |
|  | **Year 2015** |  |  |  |
|  | Development of minimally invasive thoracoscopic technology in VSD and ASD closure under conditions of artificial circulation | GRANT FUNDING FOR SCIENTIFIC AND (OR) SCIENTIFIC AND TECHNICAL RESEARCH | 2015-2017 | Science Committee of the Ministry of Education and science of the Republic of Kazakhstan |
|  | Genetic screening of orphan neurological diseases in children | 2015-2017 |
|  | Studying of the working memory of patients with diabetes | 2015-2017 |
|  | Development and implementation of a comprehensive model of medical care | 2015-2017 |
|  | Development of a comprehensive program of diagnosis, treatment and prognosis of inflammatory periodontal diseases in the Republic of Kazakhstan | 2015-2017 |
|  | Population-based study of the IL28B gene polymorphism during the viral hepatitis C in Kazakhstan | 2015-2017 |
|  | Gene expression in cells of organs responsible for sperm production with urogenital trichomoniasis infection | 2015-2017 |
|  | The Comprehensive Research of Clinical, Genetic, Immunological and Biochemical Markers of Risk of Suicide and Depression | 2015-2017 |
|  | Development and implementation of diagnostic, [medical and preventive](http://www.multitran.ru/c/m.exe?t=4514191_1_2&s1=%EB%E5%F7%E5%E1%ED%EE-%EF%F0%EE%F4%E8%EB%E0%EA%F2%E8%F7%E5%F1%EA%E8%E9)  measures to reduce neurological disorders in infants with prolonged jaundice | 2015-2017 |
|  | An omics investigation of rheumatoid arthritis and its relationship to osteoporosis in Kazakh population | 2015-2017 |
|  | Biomolecular Features of Ecology and Immunodeficiency Associated Aseptic Inflammation Process | 2015-2017 |
|  | Molecular Analysis of the Genetic Defects in Beta-Cell Function and improving of diagnosis of Monogenic Diabetes Mellitus in Kazakh population | 2013-2015 |
|  | **Year 2016** |  |  |  |
|  | Development of minimally invasive thoracoscopic technology in VSD and ASD closure under conditions of artificial circulation | GRANT FUNDING FOR SCIENTIFIC AND (OR) SCIENTIFIC AND TECHNICAL RESEARCH | 2015-2017 | Science Committee of the Ministry of Education and science of the Republic of Kazakhstan |
|  | Genetic screening of orphan neurological diseases in children | 2015-2017 |
|  | Development and implementation of a comprehensive model of medical care | 2015-2017 |
|  | Development of a comprehensive program of diagnosis, treatment and prognosis of inflammatory periodontal diseases in the Republic of Kazakhstan | 2015-2017 |
|  | Gene expression in cells of organs responsible for sperm production with urogenital trichomoniasis infection | 2015-2017 |
|  | An omics investigation of rheumatoid arthritis and its relationship to osteoporosis in Kazakh population | 2015-2017 |
|  | Biomolecular Features of Ecology and Immunodeficiency Associated Aseptic Inflammation Process | 2015-2017 |
|  | **Year 2017** |  |  |  |
|  | New molecular genetic techniques presymptomatic diagnosis and treatment of a number of important diseases | Program-oriented funding | 2017-2019 | The Ministry of healthcare of the Republic of Kazakhstan |
|  | Development of minimally invasive thoracoscopic technology in VSD and ASD closure under conditions of artificial circulation | GRANT FUNDING FOR SCIENTIFIC AND (OR) SCIENTIFIC AND TECHNICAL RESEARCH | 2015-2017 | Science Committee of the Ministry of Education and science of the Republic of Kazakhstan |
|  | Genetic screening of orphan neurological diseases in children | 2015-2017 |
|  | Development and implementation of a comprehensive model of medical care | 2015-2017 |
|  | Development of a comprehensive program of diagnosis, treatment and prognosis of inflammatory periodontal diseases in the Republic of Kazakhstan | 2015-2017 |
|  | Gene expression in cells of organs responsible for sperm production with urogenital trichomoniasis infection | 2015-2017 |
|  | An omics investigation of rheumatoid arthritis and its relationship to osteoporosis in Kazakh population | 2015-2017 |
|  | Biomolecular Features of Ecology and Immunodeficiency Associated Aseptic Inflammation Process | 2015-2017 |
|  | **2018 год** |  |  |  |
|  | №АР05133992 Clinical laboratory justification of inflammation of the periodontal tissues and prevention in children and adolescents in crisis zone Aral region | GRANT FUNDING FOR SCIENTIFIC AND (OR) SCIENTIFIC AND TECHNICAL RESEARCH | 2018-2020 | Science Committee of the Ministry of Education and science of the Republic of Kazakhstan |
|  | №АР05134106 Development of biologically active preparations based on horse placenta. | 2018-2020 |
|  | №АР05134160 [Mechanisms of cell membranes adaption and immunity with using of the freeze-dried saumal in patients with hepatitis C](https://www.ncste.kz/en/competition-51?irn=AP05134160) | 2018-2020 |
|  | №АР05134248 Introduction of digital technologies and domestic innovative materials in the field of dentistry | 2018-2020 |
|  | №АР05134328 Development of a national registry, identification of a characteristic profile of a patient with systemic lupus erythematosus and the introduction of personalized therapy | 2018-2020 |
|  | VitAlem- Digital Health Ecosystem | Productive Sector Consortia Grant Program | 2018 |
|  | New molecular genetic techniques presymptomatic diagnosis and treatment of a number of important diseases | Program-oriented funding | 2017-2019 | The Ministry of healthcare of the Republic of Kazakhstan |