

THE PROJECTS BEING IMPLEMENTED BY THE PROGRAMMES SPONSORED BY THE RESEARCH COUNCIL OF LITHUANIA AT VILNIUS UNIVERSITY

Period of 2016–2022

| Modernity in Lithuania (2017-2022) | | |
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| Project title | Duration | Project leader, Faculty |
| Microhistory of "The Voices of Spring": Genetic Reconstruction of Modernization of Lithuanian Texts (S-MOD-17-7) | 2017–2019 | P. V. Subačius (Faculty of Philology) |
| Transformations of Nature in Late Modernity: Ontological and Anthropological Dimensions (S-MOD-17-5) | 2017–2019 | M. Gutauskas (Center for Religious Studies and Research) |
| Ecological and Sanitary-Hygienic system of Vilnius, Kaunas and Grodno within the European Cities Modernization Contexts, during 1870–1914 (S-MOD-17-9) | 2017–2019 | A. Ambrulevičiūtė (Faculty of History) |
| Gyvenamoji architektūra sovietinėje Lietuvoje: tarp masinės ir individualios (S-MOD-17-21) | 2017–2019 | M. Drėmaite (Faculty of History) |
| Housing architecture in Soviet Lithuania: between the mass and the individual (S-MOD-17-1) | 2017–2019 | N. Milerius (Faculty of Philosophy) |
| The change of sexual norms and behavior in modern society of Lithuania (S-MOD-17-6) | 2017–2019 | V. Klumbytė (Faculty of History) |
| The Last Soviet Generation in The Contexts of Changing Modernity (S-MOD-17-14) | 2017–2019 | L. Žilinskienė (Faculty of Philosophy) |

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| Political Shift on the Screen: Post-Communist Transformation in Lithuanian Film and Video (S-MOD-17-13) | 2017–2019 | A. Mikonis-Railienė (Faculty of Communication) |
| Political Catholicism and Conservatism: (Trans)Formation of Tradition (S-MOD-17-8) | 2017–2019 | J. Dementavičius (Institute of International Relations and Political Science) |
| Modernization of Housing infrastructure in Vilnius in 1870–1940 | 2021–2022 | A. Ambrulevičiūtė (Faculty of History) |
| Postcommunist Transformation as Dismantling of the Soviet Modernity Project | 2021–2022 | J. Ulinskaitė (Institute of International Relations and Political Science) |
| The Modern Problem of the Relationship Between Morality and Politics: the Challenge for Western and Lithuanian Philosophy | 2021–2022 | A. Jokubaitis (Institute of International Relations and Political Science) |
| Modernity and Holocaust in Lithuania: Philosophical Analysis of Moral Dilemmas | 2021–2022 | J. Saldukaitytė (Faculty of Philosophy) |
| Modernisation (or not) of the Modern Society: the Change of Values from the Perspective of Gender Equality | 2021–2022 | V. Jurénienė (Kaunas Faculty) |
| Towards Future Technologies (2016-2021) | | |
| Elektrochromic/Electrochemical Gas Sensor | 2017–2019 | A. Ramanavičienė (Faculty of Chemistry and Geosciences) |

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| Development of the MOCVD GaN Based Technology for Fabrication of Position and Spectrum Selective Detectors of Ionizing Radiations | 2016–2018 | E. Gaubas (Faculty of Physics) |
| Spectroscopic and Photometric Survey of Northern Sky for the ESA PLATO Space Mission | 2016–2018 | Š. Mikolaitis (Institute of Theoretical Physics and Astronomy) |
| III-nitride Semiconductors for Radiation-hard Infrared Detectors | 2016–2018 | G. Tamulaitis (Faculty of Physics) |
| Welfare Society (2015-2020) | | |
| Electronic Media Use and Young Children's Health | 2017–2018 | R. Jusienė (Faculty of Philosophy) |
| Income Smoothing Over the Life Course from a Social Investment Perspective in the Baltic Countries | 2017–2018 | D. Skučienė (Faculty of Philosophy) |
| The Practice of Environmental Care in Lithuania | 2017–2018 | M. P. Šaulauskas (Faculty of Philosophy) |
| Psychosocial Functioning and Mentalization of Delinquent Adolescents Receiving Minimal Care Means | 2017–2018 | R. Barkauskienė (Faculty of Philosophy) |
| The Stimulation of Digital Reading as a Means of Reduction the Digital Divide | 2017–2018 | E. Macevičiūtė (Faculty of Communication) |
| Good Governance and Trust in Public Institutions Creating Welfare Society in Lithuania | 2015–2017 | L. Gudžinskas (Institute of International Relations and Political Science) |

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| Factors of Income Distribution: Labour, Capital and Welfare State | 2015–2017 | R. Lazutka (Faculty of Economics and Business Administration) |
| Transformation of Elderly Care Sector: Demand for Services and Labour Force and Quality of Work | 2015–2017 | L. Žalimienė (Faculty of Philosophy) |
| Paradigm Change of Mental Health and Well-being in Lithuania: Towards Empirically | 2015–2017 | E. Šumskienė (Faculty of Philosophy) |
| Factors of Psychological Well-Being and Mental Health Among Pre-Retirees and Retirees | 2015–2017 | V. Pakalniškienė (Faculty of Philosophy) |
| Healthy Ageing | | |
| Investigation of Human Carbonic Anhydrase IX As a Cancer Biomarker for Application in Cancer Diagnostics, Visualization and Prognosis | 2015–2018 | J. Matulienė (Institute of Biotechnology) |
| Investigation of Synthesis Regulation of Proteins Associated with Alzheimer Disease Development | 2015–2018 | K. Sasnauskas (Institute of Biotechnology) |
| Novel Systems of Prodrug Activation for the Cancer Genetherapies | 2015–2018 | J. Urbonavičius (Institute of Biochemistry) |
| The Role of Molecular Modulators in the Hematological System During Cell Senescence, Differentiation and Regeneration | 2015–2018 | R. Navakauskienė (Institute of Biochemistry) |
| Soft Tissue Engineering: From Cell to Artificial Tissue | 2015–2018 | D. Baltrukienė (Institute of Biochemistry) |

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| Cardiometabolic Early Vascular Aging Determinants | 2016–2018 | K. Strupas (Faculty of Medicine) |
| 3D SEM – A New Tool for Targeted Characterization of Adipose Tissue and Determination of Early Prognostic Factors of Metabolic Diseases | 2016–2018 | A. Kareiva (Faculty of Chemistry and Geosciences) |
| Cardiometabolic Early Vascular Aging Determinants | 2016–2018 | A. Laucevičius (Faculty of Medicine) |
| The Impact of Viral Antigens on Immune Cells in The Context of Inflammaging | 2020–2021 | I. Kučinskaitė-Kodzė (Life Sciences Center) |
| Development of Virus-Like Particles-Based Vaccine Against Acinetobacter Baumannii | 2020–2021 | J. Armalytė (Life Sciences Center) |
| Development of Innovative Targeted Therapies and Prognostic Tools for Chemotherapy-Resistant Acute Myeloid Leukemias | 2020–2021 | R. Navakauskienė (Life Sciences Center) |
| Hypoxia As Cell Stress in mRNA Diversity and Aging | 2020–2021 | A. Kanopka (Life Sciences Center) |
| Development of Visualization Systems for Tumor and Metastases Detection in Cancer Diagnostics and Optically-Guided Surgery Using CA IX Biomarker | 2020–2021 | J. Matulienė (Life Sciences Center) |
| Cross-Interactions in Amyloid Fibril Formation: From Mechanisms to Inhibition | 2020–2021 | V. Smirnovas (Life Sciences Center) |
| Self-Assembling Phage Proteins for Targeted Nanomedicine | 2020–2021 | V. Časaitė (Life Sciences Center) |
| A Healthy Microbiota for a Healthy Brain ageing | 2020–2021 | A. Burokas (Life Sciences Center) |

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| Development of Novel Proteomics-Based Drug Selection Approach for Pancreatic Cancer Individualized Therapy | 2020–2021 | P. Schemmer (Faculty of Medicine, Life Sciences Center) |
| Technological Development Projects | | |
| E-documents for Europe | 2015–2016 | A. Mitašiūnas (Faculty of Mathematics and Informatics) |
| Construction of Antibody Fragments with Activity Prolongation and Development of Sample (Model) for Medical Device | 2015–2016 | G. Žvirblis (Institute of Biotechnology) |
| Two Channel Tunable Optical Parametrical Oscillator for Multiphoton Polymerization Technology: Test Application of Model and Prototype Creation | 2015–2016 | R. Gadonas (Faculty of the Physics) |
| Sustainability of Agro, Forest and Water Ecosystems Projects | | |
| Impact of Climate Change on Sustainability of Aquatic Vegetation in Water Courses with Ranunculion Vegetation (Habitant of European Importance 3260) | 2020–2021 | D. Naugžemys (Botanical Garden of Vilnius University) |