

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)		
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. Gutasas (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. Drėmaitė (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. Klumbys (Faculty of History)
The Last Soviet Generation in The Contexts of Changing Modernity (S-MOD-17-14)	2017–2019	L. Žilinskienė (Faculty of Philosophy)

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. Jurėnienė (Kaunas Faculty)
Towards Future Technologies (2016-2021)		
Elektrochromic/Elektrochemical Gas Sensor	2017–2019	A. Ramanavičienė (Faculty of Chemistry and Geosciences)

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)

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. Baltriukienė (Institute of Biochemistry)

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-Kodžė (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)

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 Proototype 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)