

Projects

Edite Kaufmane

International projects

- INTERREEG project “ Advancement of non-technological innovation performances and innovation capacity in fruit growing and processing sector in selected Baltic Sea Region countries (InnoFruit) (Leading researcher) 2017-2019.
- ECPGR project „Identification of a representative set of *Prunus domestica* accessions of European origin, well documented and characterized, to be included into the AEGIS system” PrunDoc (Leading researcher) 2015.
- INTERREG project Nr. LLII-060 „Development of a technology transfer centre for fruit production” (FruitTechCentre) (Leading researcher) 2009.-2012.
- EUREKA project Nr. E! 6240 „Development of new products from plant material for health improvement and cosmetics” PLANTCOSMEHEL (Leading researcher) 2010- 2012.
- COST action Nr. 873 „Bacterial diseases of stone fruits and nuts” (Leading researcher) 2006-2012.
- EUREKA project Nr. E3490 „Functional food ingredients from plant products” (Lading researcher) 2006 - 2008.
- Framework 4. FAIR CT97-3894 “Japanese Quince – a new European fruit crop for production of juice, flavour and fibre” (Project manager of Latvian site, leading researcher) 1998–2001.
- Project, financed from Swedish Foundation for Agricultural Research "Investigations of the genetic resources of some horticultural and herbal crops for functional food production" (Project manager of Latvian site, leading researcher) 1999 - 2003.
- Project, financed from Swedish Foundation for Agricultural Research “Characterization and evaluation of *Prunus* genetic resources” (Project manager of Latvian site, leading researcher) 1999 - 2000.
- Project, financed from Swedish Foundation for Agricultural Research “Cytoembriological investigation of Japanese quince (*Chaenomeles japonica*)”(Researcher) 1994-1997

ESF, ERDF projects

- ERDF project No. 1.1.1.1/16/A/094 “Environment-friendly cultivation of emerging commercial fruit crop Japanese quince - *Chaenomeles japonica* and waste-free methods of its processing” (Project coordinator, Leading researcher), 2017-2020.
- ERDF project No. 2015/0020/2DP/2.1.1.3.3/15/IPIA/VIAA/013 „Consolidation of Latvian University of Agriculture and scientific institutions to increase competitiveness” (Project coordinator, Leading researcher), 2015.

- ESF project No. 2009/0228/1DP/1.1.1.2.0/13/APIA/VIAA/008 „ Creation of a new research group for propagation of stone fruits, quality improvement of generative processes and possibilities of fruit use” (Leading researcher), 2013.- 2015.
- ERDF project No. 2011/0040/2DP/2.1.1.3.1/11/IPIA/VIAA/002 "Development of modern scientific material and technical basis within the National Research Centre of Agricultural Resources and Food" (Project coordinator, Leading researcher), 2011- 2014.
- ERDF project No. 2010/0317/2DP/2.1.1.1.0/10/APIA/VIAA/142 " Development and adaptation of innovative technological solutions to reduce the risks of fruit and berry cultivation in Latvian conditions” (Project coordinator, Leading researcher) 2010 -2013.
- ERDF project No. 2010/0192/2DP/2.1.1.2.0/10/APIA/VIAA/007 "Promotion of international recognition and project competitiveness in Latvian fruit-growing science" (Project coordinator, Leading researcher) 2010-2013.
- ERDF project No. VPD/ERAF/CFLA/08/NP/2.5.2. /0001/000001/027 “ Purchase of equipment necessary for the deployment of risk-reducing technologies for fruit and berry crops” (Project coordinator), 2008.
- ESF National Program "Support to applied research in the national research institutions", project Development of the Latvian woody plant genetic resources database (Project coordinator), 2006-2008.
- ERDF project No.21 „ Modernization of the experimental processing center and storage facility for fruit and berries” (Project coordinator), 2006.

National projects:

- ZM/LAD project “Horticultural crop breeding program for the development of breeding material to support the conventional, integrated and organic agricultural crop production technologies” (WP leader, Leading researcher), 2019-2025.
- ZM/LAD project “The introduction of innovative, competitive Japanese quince growing technologies and the extension of the range of fruit products” (Project coordinator, Leading researcher), 2020-2023.
- Project of Latvian Council of Science “Smart Non-Invasive Phenotyping of Raspberries and Japanese Quinces Using Machine Learning and Hyperspectral and 3D Imaging” (WP leader, , Leading researcher), 2021-2023.
- ZM/LAD project “Inspection of apple, plum and cherry varieties and rootstock varieties suitable for integrated and organic production in different regions and development of their cultivation technologies” (Project coordinator, Leading researcher), 2015-2020.
- National research programme: Agricultural resources for sustainable production of high quality and healthy food in Latvia (AgroBioRes). Project No.2 „ Biological processes affecting the sustainable cultivation of fruit plants and expanding the use of by-products” (AUGLI), No. 10-4/VPP-7/3 (Leading researcher), 2014-2017.
- Project of Ministry of Agriculture No. 211211/C-120 „ Development of an assortment of fruit plant varieties suitable for greening the environment and waters, cultivation technologies

and an integrated plant protection system under different agro-climatic conditions'', (Project coordinator, Leading researcher), 2012.-2014.

- National research programme: „ Sustainable use of local resources (subterranean, forest, food and transport) – new products and technologies (NatRes). Project No.3 „Sustainable use of local agricultural resources for the development of nutritious foods”sub-project No.3.2 „ Options for improving, maintaining and processing apples quality” (Leading researcher), 2010.-2013.

- Project of Latvian Council of Science No. 09.1067/229 "Research and enhancement of cherry and plum breeding material by development and application of molecular genetics technology" (Project coordinator, Leading researcher), 2009-2012.

- Project of Latvia Ministry of Agriculture „Documentation, collection, evaluation and economic study of conservation options for crop genetic resources in agriculture and food” (Leading researcher). 2007.

- Project of Ministry of Agriculturae No. 080410/c-32 "Development of sustainable crop farming through the use of environment and water-friendly and integrated farming technologies that preserve rural landscape to mitigate climate" (Leading researcher). 2007.-2011.

- National research programme: Innovative technologies for the production of high quality, safe and wholesome food from genetically, physiologically and biochemically diverse plant and animal raw materials. Project No.2 „High quality Latvian berries: from cultivar to high quality, healthy and safe product” (Leading researcher). 2006 – 2007.

- Project of Latvian Council of Science No.05.1607 „Breeding and technological research on fruit cultivar suitability for integrated production” (Project coordinator, Leading researcher). 2004 – 2007.

- Project of Latvia Ministry of Agriculture „Development of genetic resources descriptors for agricultural and food crops and forests” (Leading researcher). 2006.

- National research programme No.9 „ Innovative technologies for the production of high-value, safe and healthy foods from genetically, physiological and biochemical diversity of plant and animal raw materials” project " High-quality Latvian berries: from variety to quality, healthy and safe products" (Project coordinator, Leading researcher). 2006-2009.

- Project of Latvia Ministry of Agriculture „Improvement (supplementation,modernization) of material and technical base for creation of innovative fruit and berry products in Dobeles horticultural plant breeding and experimental station” (Project coordinator, Leading researcher). 2005.

- Market oriented research project of Ministry of Education and Science “Selection of biochemically valuable small fruit cultivars for the production of functionally active food” (Project coordinator, Leading researcher), 1998 - 2000.

- Market oriented research project of Ministry of Education and Science “Selection and propagation of fruit varieties suitable for the production of healthy foods strengthening the immune system” (Project coordinator, Leading researcher) 2000 - 2002.

- Market oriented research project of Ministry of Education and Science “Evaluation of quality factors for increased consumption of Latvian – grown fruits and berries (Project coordinator, Leading researcher), 2004-2006.

- E. Kaufmane (head of the project). Modernization of the fruit and berry processing centre and storage facilities (ESF National Program „Support of the modernization of the scientific infrastructure in the state research institutions (ERDF Project Nr.21. 2004- 2005).
- Projects of Latvian Council of Science “Fruit tree and small fruit breeding” (Project coordinator, Leading researcher), (1991 – 1993), (1994 – 1996), (1997 - 2000), (2001- 2004).