

# MSCA Staff Exchanges 2024 Info Day

## Pitching session



## Pitching Order

- **Giedrė Jarienė** - Kauno kolegija Faculty of Medicine, Lithuania
- **Natalja Lace & Angelina Rosa** - Academic research group «Finance», Faculty of Engineering Economics and Management, Institute of Economics and Entrepreneurship, Latvia
- **Julija Baniukevič** - Nature Research Centre, Lithuania
- **Elena Sultana** - Research Support Services Directorate, University of Malta, Malta

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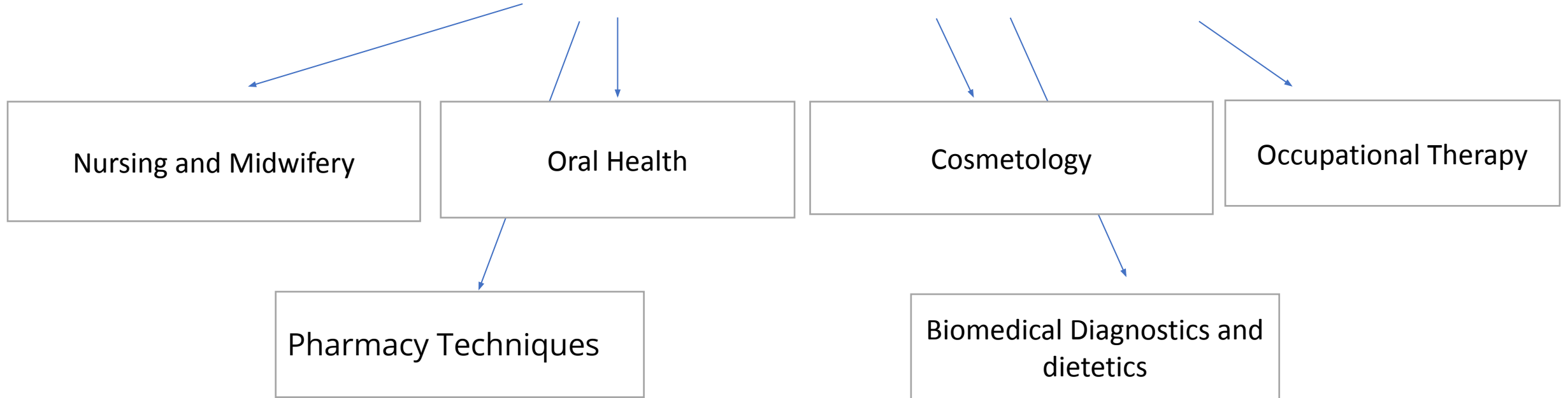
Kauno kolegija Faculty of Medicine

Giedrė Jarienė 2024-10-24



Higher Education Institution

At the Faculty of Medicine of Kaunas College,  
researchers are distributed across six  
departments



# Main research areas

- The Department of Cosmetology, along with the Department of Medical Technologies and Dietetics, successfully completed a study on a dietary supplement aimed at reducing oxidative stress while simultaneously slowing down skin aging, focusing on the condition of women's skin and changes in blood indicators
- The Department of Nursing conducts both clinical research projects and intensively examines the quality and accessibility of nursing services, the prestige of nurses and its improvement, as well as the assessment and management of the working environment and professional risks faced by nurses.
- Explore the specifics of chronic wound treatment using various wound healing products while ensuring adequate nutrition, particularly sufficient protein intake in the diet. In collaboration with researchers from the Rehabilitation Department, they delve into mobility opportunities for older adults and ways to empower individuals to maintain independence for as long as possible.
- Researchers from the Department of Oral Health conduct studies aimed at improving children's oral health care using a mobile app.

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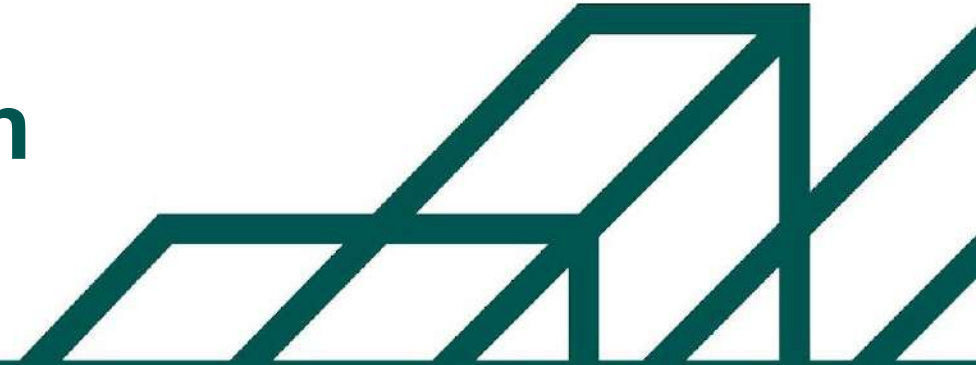
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# MSCA Staff Exchanges 2024

## Partner search



# **We are Professor Natalja Lace & assist. professor Angelina Rosa**

Representatives of academic research group «Finance»  
Faculty of Engineering Economics and Management  
Institute of Economics and Entrepreneurship



# Professor Natalja Lace

([natalja.lace@rtu.lv](mailto:natalja.lace@rtu.lv))

**Prof. N. Lace is the organizer of World-level conference sessions within WMSCI, IMCIC, and SOI. She is the Vice President & Executive President of SOItmC Latvia.**

## ***Areas of scientific research:***

- Corporate and individual safety and sustainability;
- Various aspects of business finance.

## ***Publications:***

- 50 papers are included in WoS, h=8;
- 85 papers are included in Scopus, h=11

## ***Main projects:***

- “Transforming Education for Democracy through Aesthetic and Embodied Learning, Responsive Pedagogies and Democracy-as-becoming” (AECED) HORIZON-CL2-2022-DEMOCRACY-01, (2023-2026)
- “On the provision of expert service for evaluating the impact of innovation support measures supervised by the Ministry of Economics on the productivity and competitiveness of merchants” 2022
- “The Development of Innovation and Entrepreneurship in Latvia in Compliance with the Smart Specialisation Strategy” within National Research Program EKOSOC-LV (2024 – 2028)

# Assist. Professor Angelina Rosa

([angelina.rosa@rtu.lv](mailto:angelina.rosa@rtu.lv))

## ***Areas of scientific research:***

- Evaluating progress toward the quality of employment and decent work;
- Ethical responsibility and digital transformation of work;
- Assessing the impact of human resource development practices on a company's performance.

## ***Publications:***

- 20 publications (13 publications are included in SCOPUS and Web of Science)

## ***Projects:***

- FOrSE (Framework for Organising Studies Entrepreneurially) ERASMUS+ (2020 -2022)
- “Strengthening of Academic Staff of Riga Technical University in Strategic Specialization Areas” Nr. 8.2.2.0/18/A/017 (2019–2020)
- “The Development of Innovation and Entrepreneurship in Latvia in Compliance with the Smart Specialization Strategy” (NRP EKOSOC-LV)”(2015-2017)





RIGA TECHNICAL  
UNIVERSITY



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# Nature research centre



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JULIJA BANIUKEVIČ, Head of Project Development Unit





The Nature Research Centre (NRC) is a state research institute in Lithuania that acts as a hub of multidisciplinary research, dedicated to the pursuit of scientific knowledge and the preservation of the country's natural heritage.

## NRC at glance

- 22 laboratories;
- 5 field bases;
- 5 PhD programmes;
- Over 178 publications each year;
- More than 400 interactions per year with society;
- Members of more than 17 different national and international committees;
- Contribution to more than 10 policy papers on national level per year.



# Nature Research Centre's Comprehensive Scientific Approach

## Biodiversity

The NRC's biodiversity research program focuses on the systematics and population dynamics of diverse organisms, including prokaryotes, protists, fungi, plants, and animals. This work provides the scientific basis for conservation strategies and the sustainable use of Lithuania's rich biological diversity.

## Climate Change and Ecosystems

By investigating the structure, function, and dynamics of the Earth's abiotic and biotic components, the NRC's climate change and ecosystems research program develops models and recommendations to ensure the restoration and conservation of Lithuania's natural heritage for future generations.

## Pollution

The NRC's pollution research program aims to gain new fundamental knowledge on the dispersion and impact of hazardous substances, pathogens, and other stressors in the environment. This research informs strategies for preserving environmental quality and public health in the face of global change and human pressures.





NRC Project development unit:

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Climate change

Eutrophication

Underutilized &  
recycled resources

Biobased economy

Pollution

Sustainability and  
circular economy

Inland freshwaters are rich  
in biomass resources

Soil degradation

Sustainable agriculture  
and food production

Restoration and conservation of  
marine and coastal environments

Algae in  
bioremediation

Product  
development chains

Baltic Sea region is facing  
the challenge of recovering  
and obtaining nutrients

More about NRC:



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**Looking for the partners to participate in →  
HORIZON-MSCA-2024-SE-01-01**



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**L-Università  
ta' Malta**

**Title of the project:**

**Strategic Remodeling of University's Research  
Infrastructures through International Staff Exchanges**

Dr Elena Sultana  
Research Support Services Directorate,  
University of Malta



# Objective

- The RIModel project leverages international and inter-sectoral staff exchanges to help the involved Universities to establish a Virtual Research Environment (VRE), driving innovation in research infrastructure management.
- This collaborative effort will have to involve partners from both academic and non-academic sectors across multiple countries, fostering knowledge transfer and interdisciplinary collaboration. The project will enhance AI-driven solutions to optimize research processes across University's core research facilities, with the prospects of developing them into Research Infrastructures with International access.

# Innovation & Knowledge Transfer

Building on existing AI technologies, RIModel will create a unified VRE that integrates diverse research infrastructures, overcoming current limitations in data management, access fragmentation, and standardization.


The project emphasizes the interdisciplinary application of Virtual Research Environment Across research and administrative domains, facilitating long-term, strategic partnerships between academia, industry, and innovation centers.

# Impact


- **Inter-sectoral & International Collaboration:** The project will support the mobility of researchers and Research Management staff across sectors and countries, contributing to new knowledge and skills acquisition in VRE, data management, and research infrastructure optimization. By organising the staff visits between participating countries, the project proposes to enhance cross-border collaboration and long-term relationships, leading to the co-creation of innovative solutions. Furthermore, the initiative aims to bridge gaps between the research capacity of the established European Research Infrastructures and University-based Core Research Facilities aspiring to develop into the Research Infrastructures.
- **Career Development & Skills Acquisition:** The participating researchers will benefit from interdisciplinary training in operating the Virtual Research Environment, research data management, and virtual infrastructure development. This collaboration enables seconded staff to acquire new technical and managerial skills, strengthening their professional growth and enhancing career opportunities in both academic and non-academic sectors.

# Thank you for your attention.

Questions?



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