

# "HORIZON EUROPE - Launch Event for Latvia"

Online | 06.18.2021. | 11.00-13.00 PM



#HorizonEU



NATIONAL  
DEVELOPMENT  
PLAN 2020



EUROPEAN UNION  
European Regional  
Development Fund

INVESTING IN YOUR FUTURE

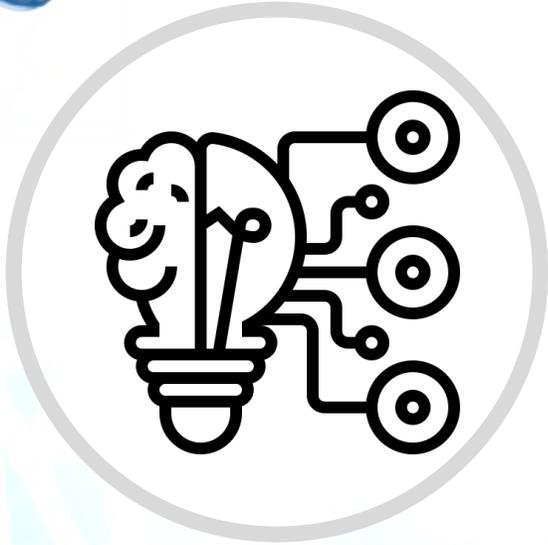


# Horizon 2020: Opportunities for individual development

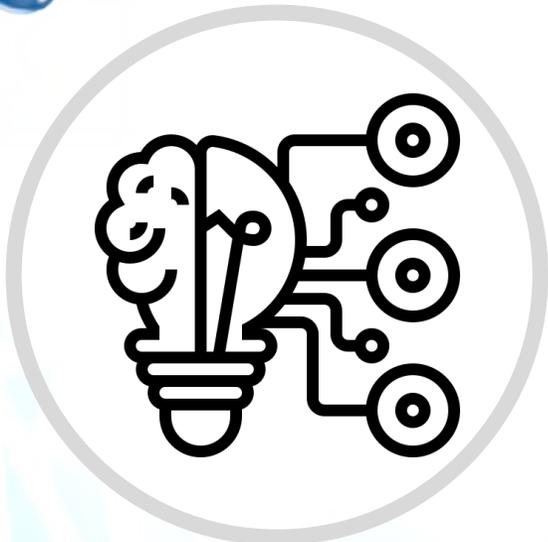
**Kristaps Klavins**

Rudolfs Cimdins Riga Biomaterials Innovations and Development Center, Riga Technical University

# Zooming In

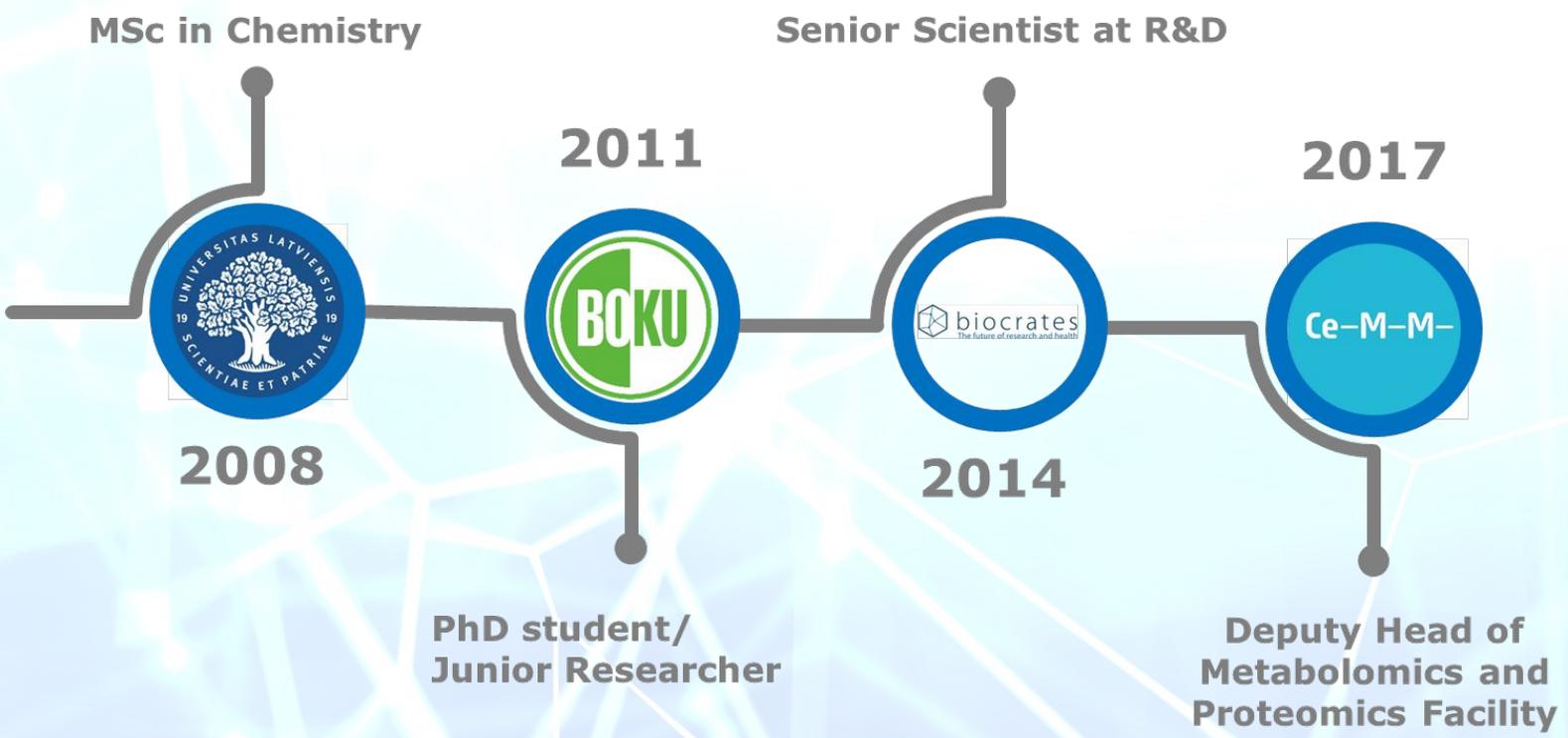


# Zooming In

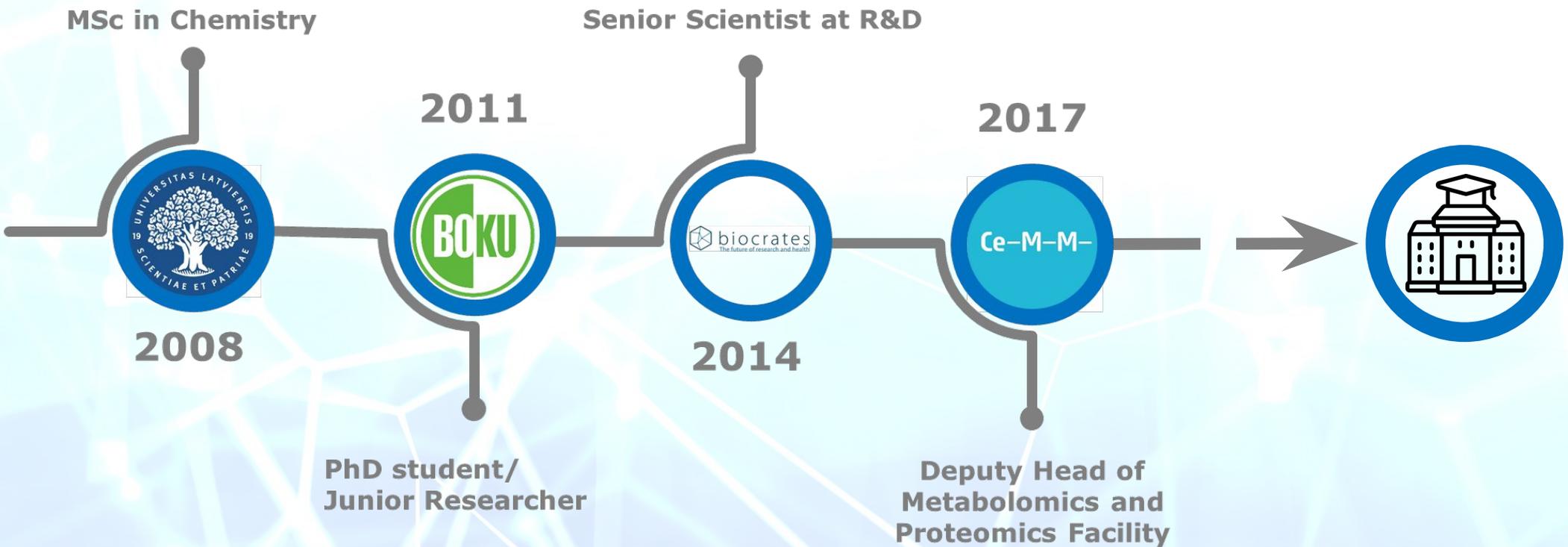


Ph.D. Student  
Post doc  
Junior group leader  
Principle Investigator  
Group Leader

# Opportunities for individual development



# Opportunities for individual development



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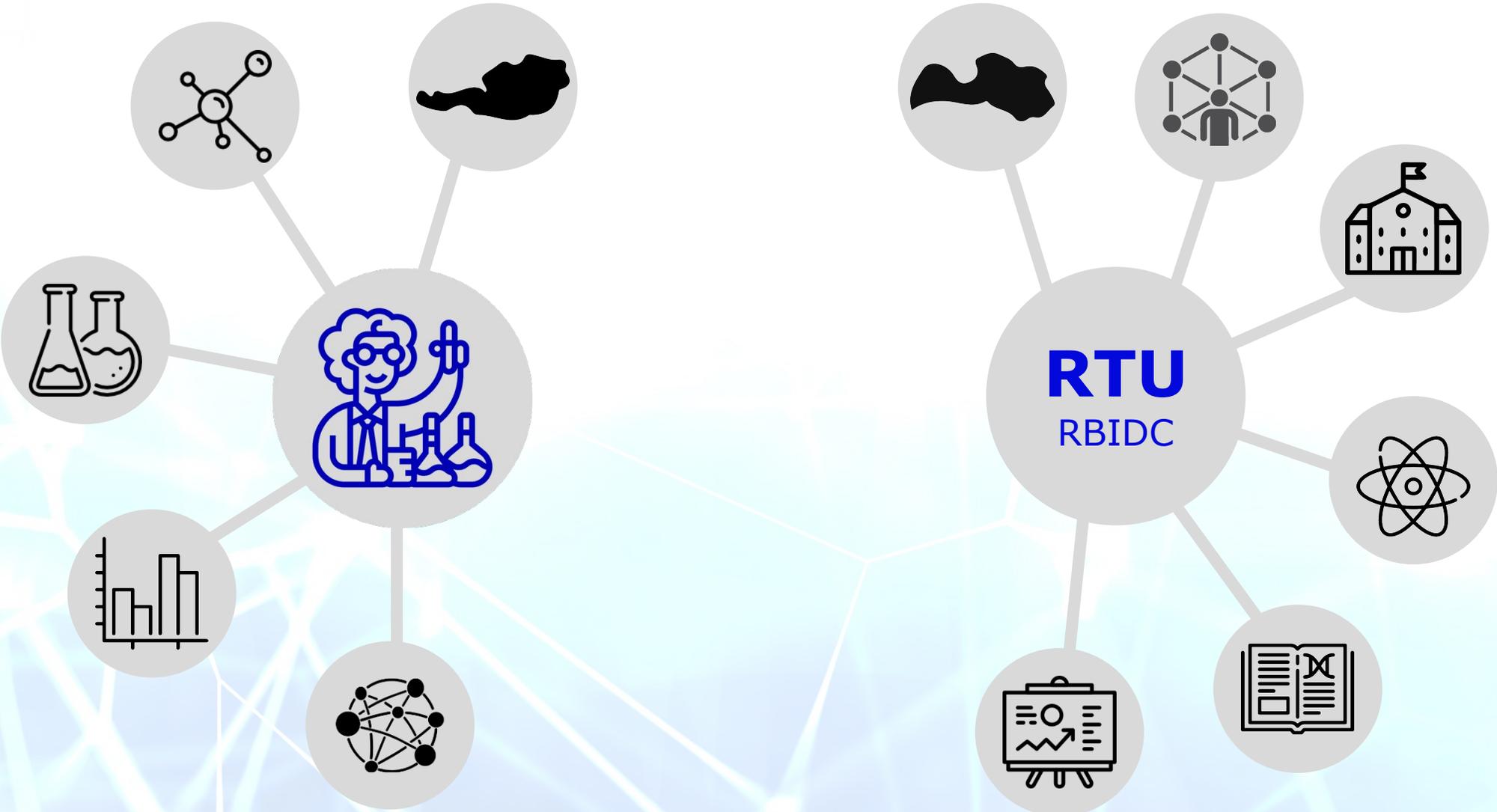


European  
Commission

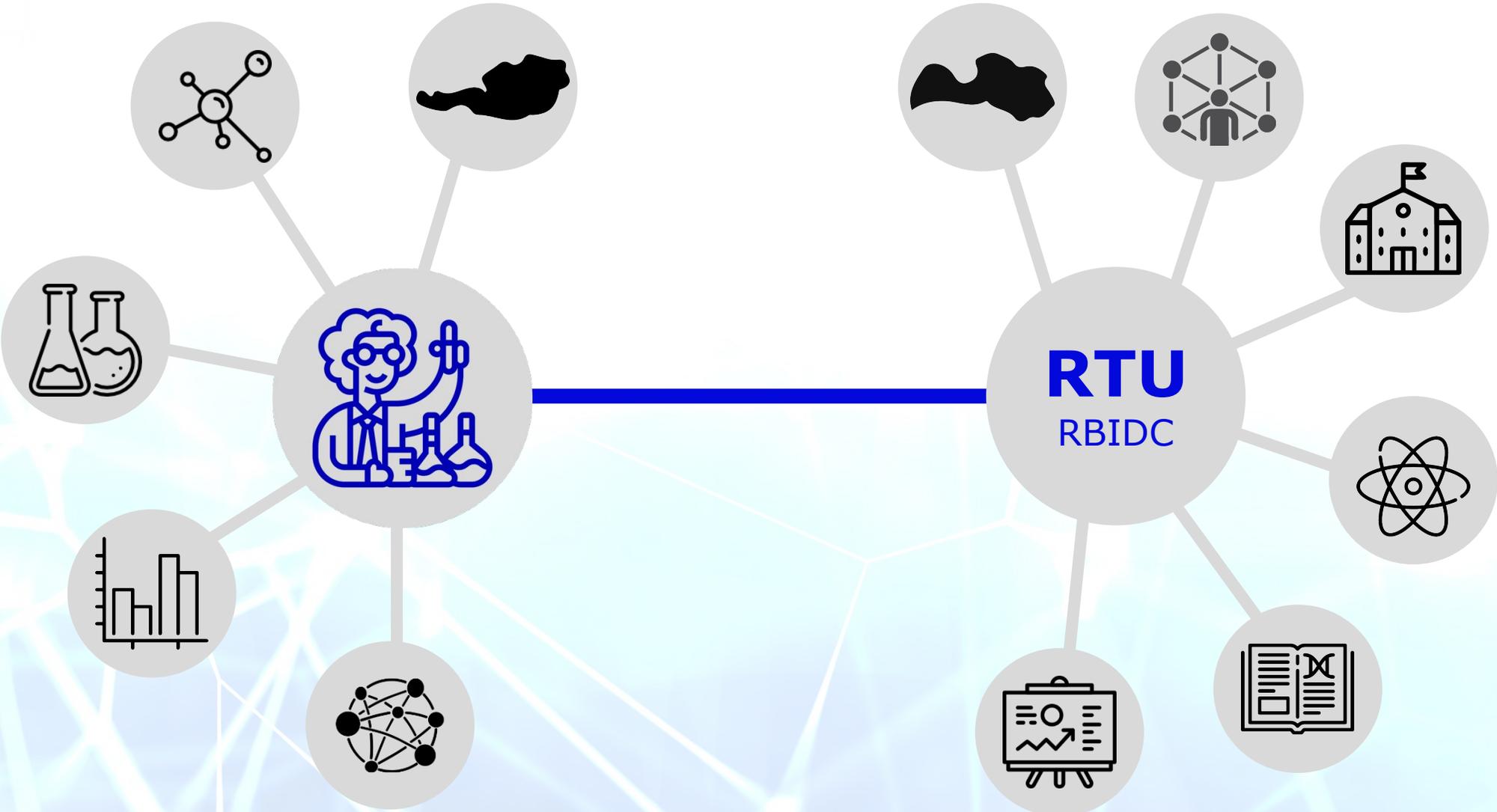


Marie  
Skłodowska-Curie  
Actions

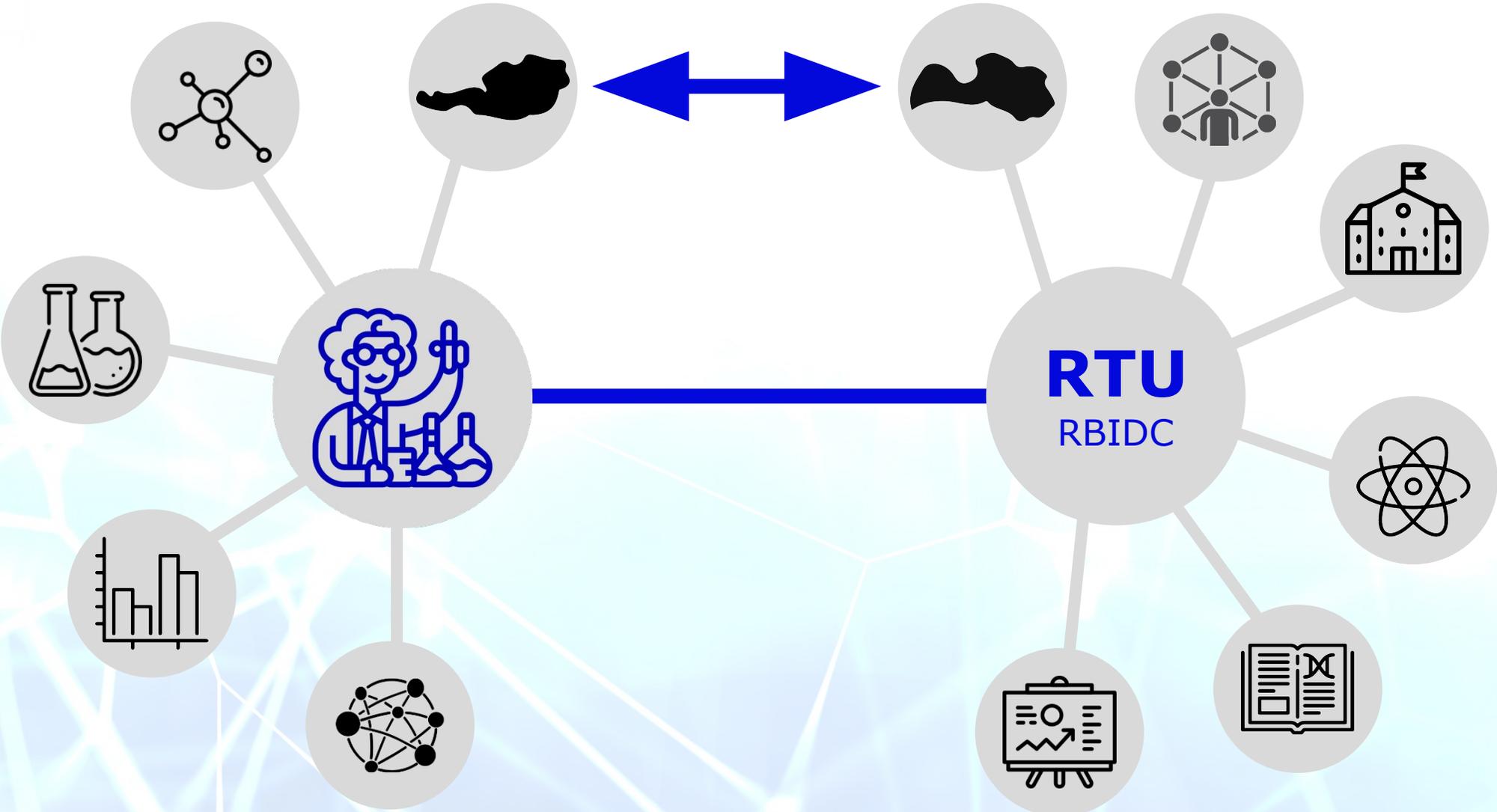
# The whole is greater than the sum of the parts



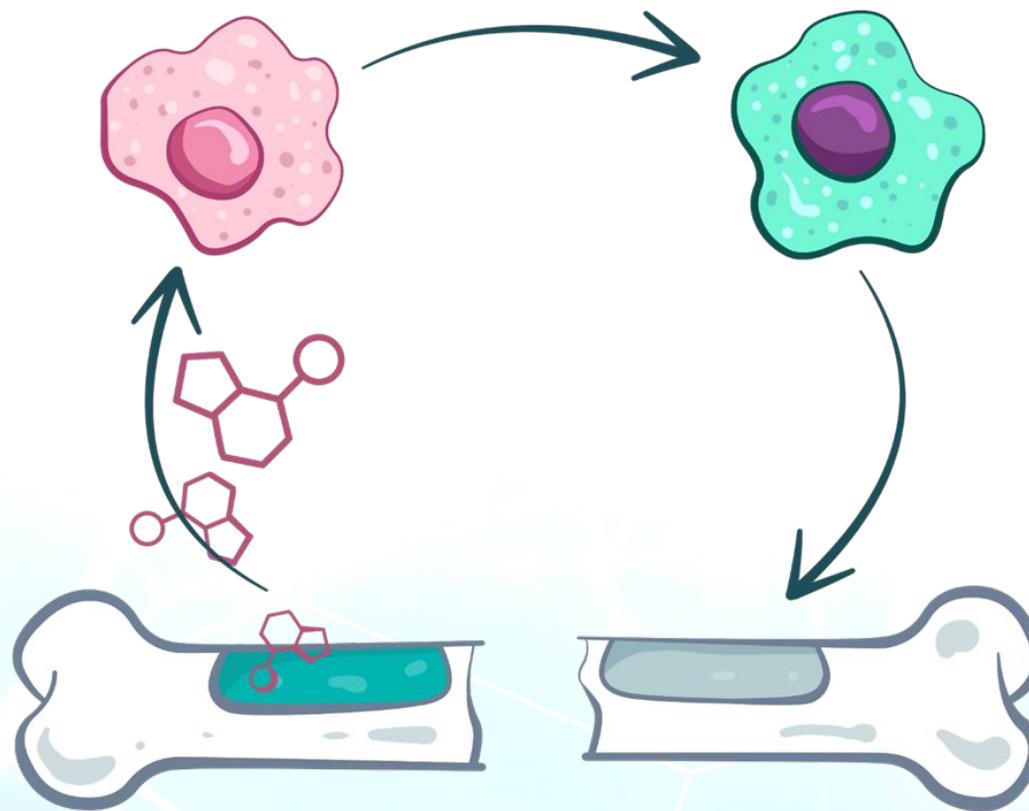
# The whole is greater than the sum of the parts



# The whole is greater than the sum of the parts

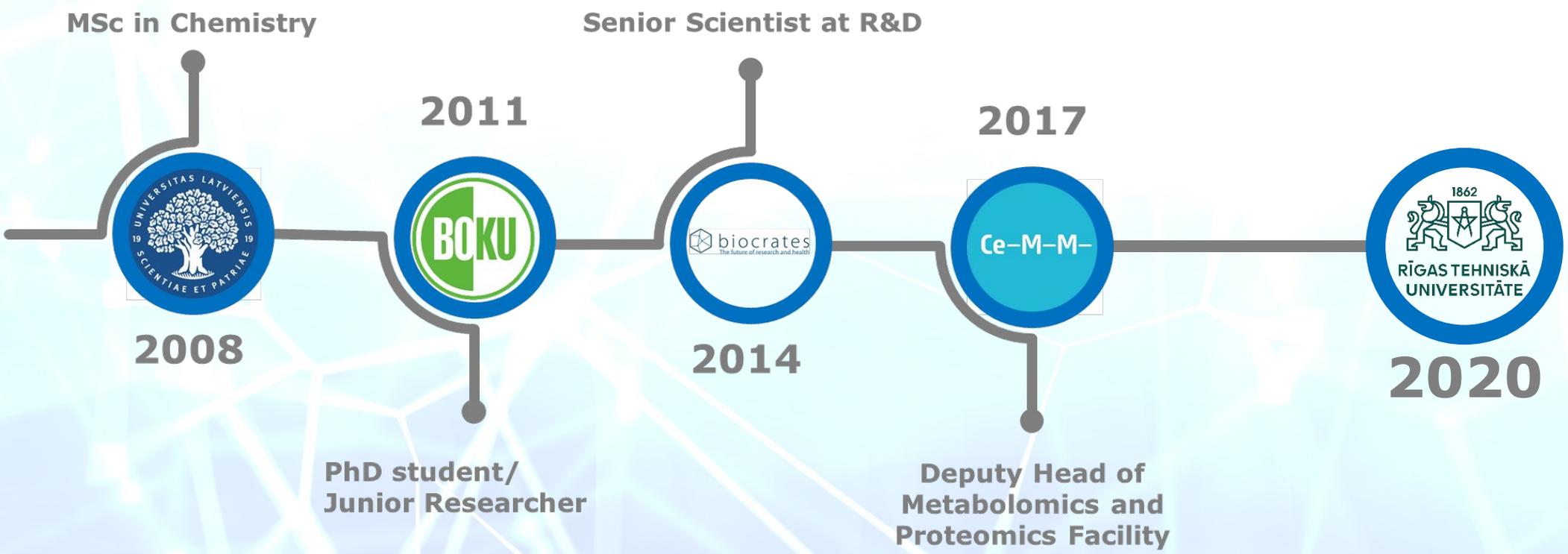


# Met4Bone: Metabolites as immunomodulatory additives for biomaterials

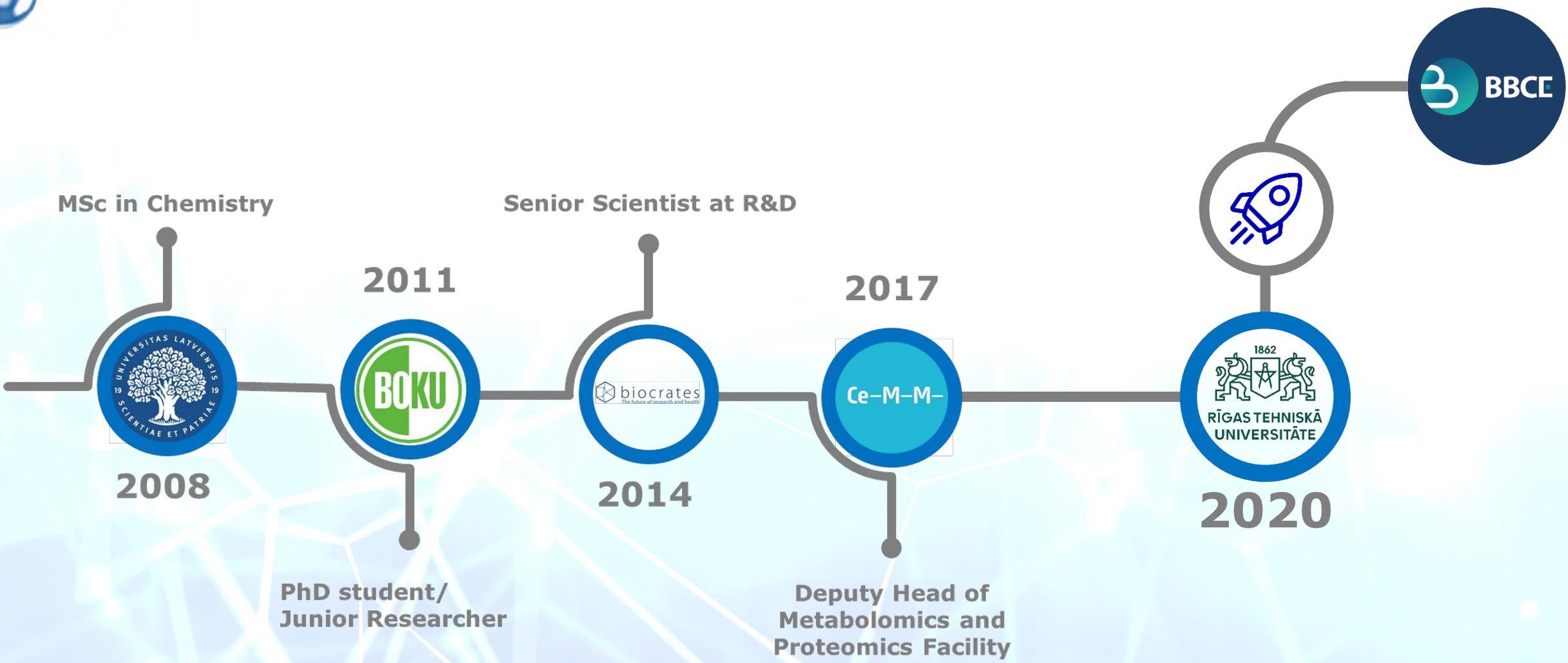


**The main aim** of this project is **to develop novel biomaterials** with incorporated metabolites as a potentially effective and safe strategy **to modulate local immune response** towards favourable outcomes of surgical bone remediation.

# Opportunities for individual development



# Opportunities for individual development



# Baltic Biomaterials Centre of Excellence



New knowledge and experience



More qualified scientists and experts



Modern infrastructure

- Increased number of scientific projects
- Increased ratio of highly cited publications
- Patient-centred approach
- More scientific services for industry
- Individual approach in treatment
- New products for industry
- Attracting healthcare enterprises in Baltic Region
- Attracting more international scientists and students
- New startups
- Modern study programmes
- Attracting competitive funding and contract research funds

## BBCE long-term goal

A joint Baltic Biomaterials Centre of Excellence for advanced biomaterials development based on the long-term strategic cooperation within consortium



Biomaterials development



Preclinical testing



Clinical

Industry



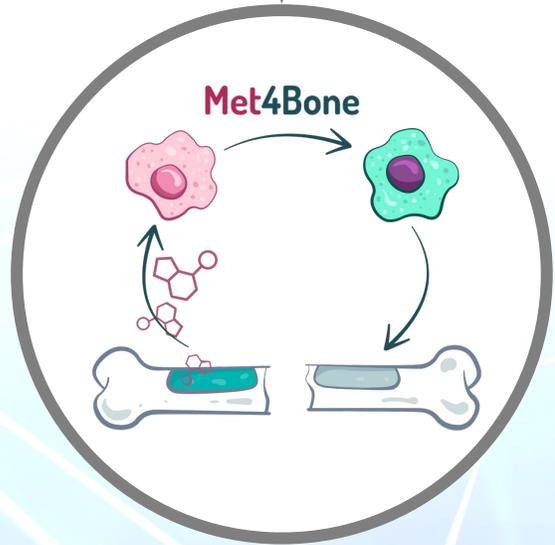
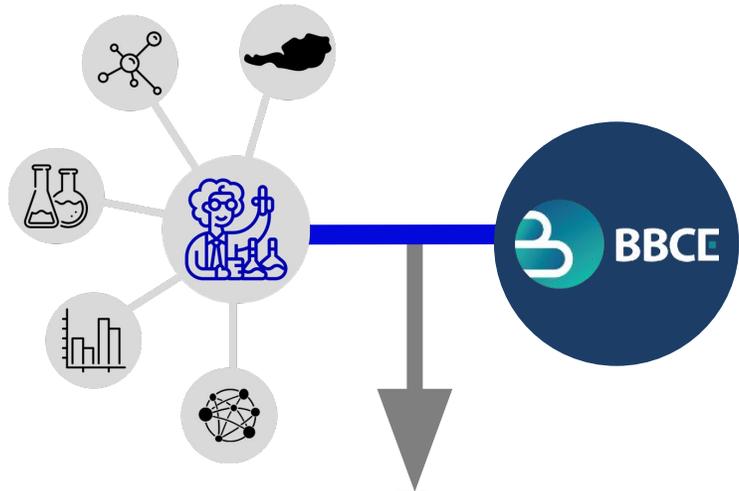
Patient needs

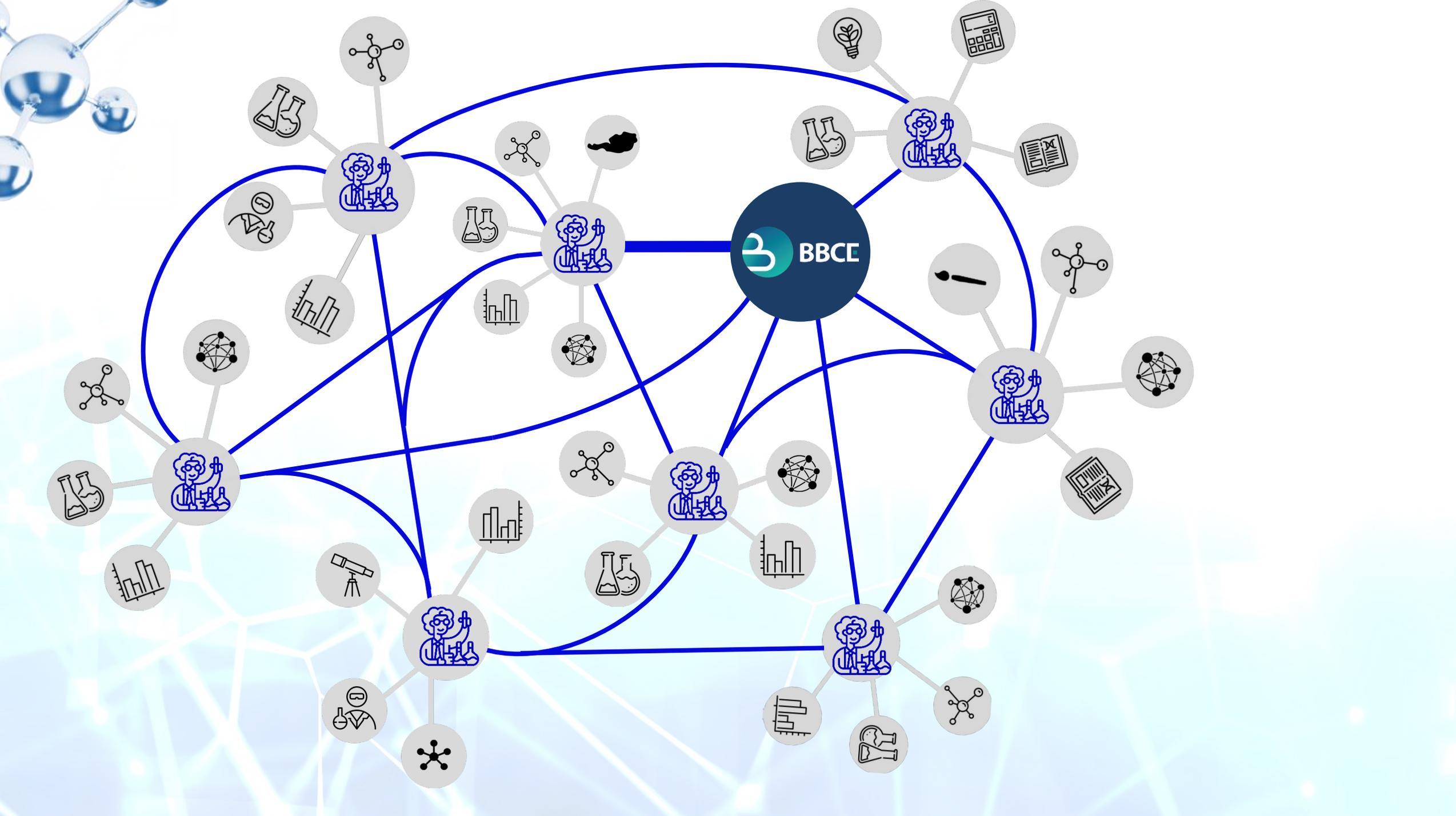


This project has received funding from the European Union's Horizon 2020 research and innovation programme under grant agreement No 857287

# Bring the world to us and us to the world







# Thank you!



European  
Commission



Ministry of  
Education and Science  
Republic of Latvia



State Education  
Development Agency  
Republic of Latvia



Latvian Council of  
Science

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