

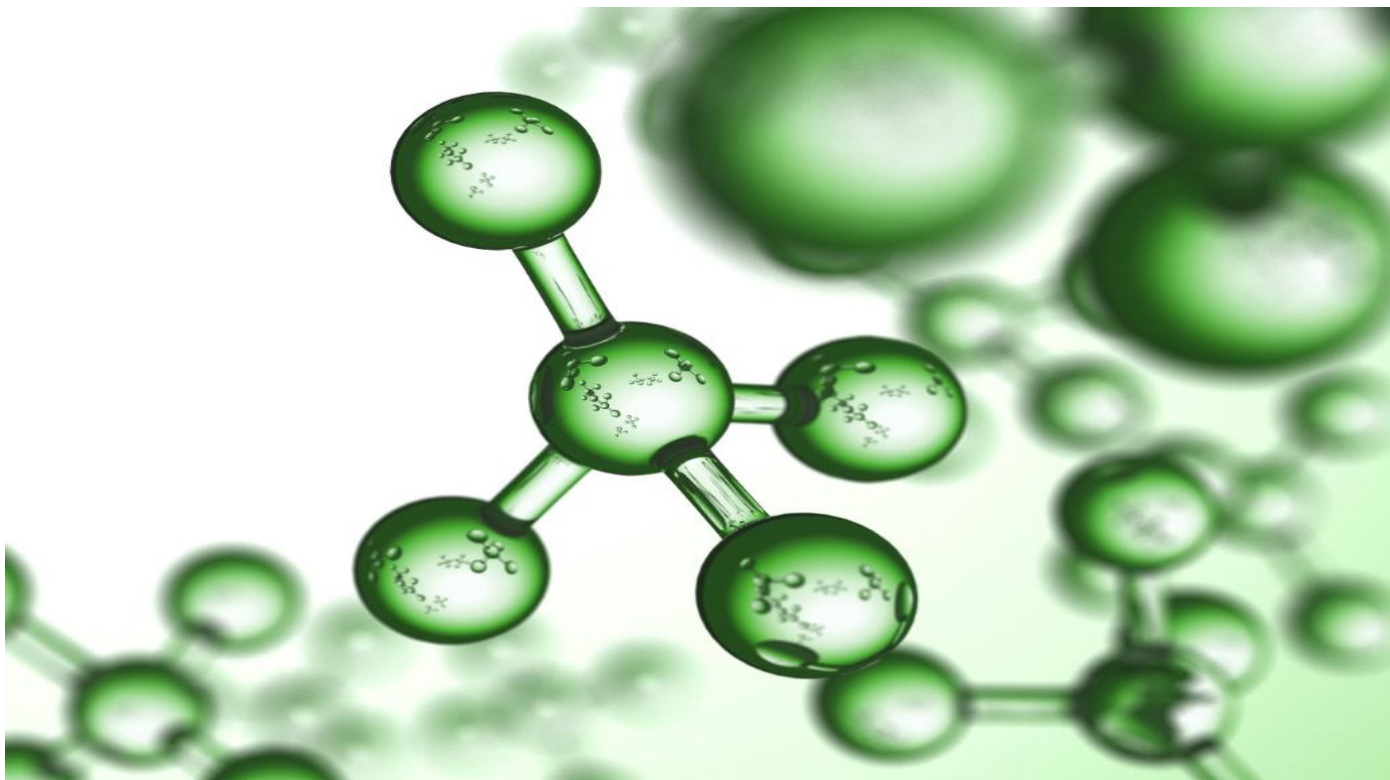


Funded by the
European Union
NextGenerationEU



BiOrgaMCT
Bioactive Organic and inorganic
advanced Materials and Clean Technologies

UNIVERSITY OF CHEMICAL TECHNOLOGY AND METALLURGY



Bridging Innovation: Bulgaria & Saxony-Anhalt in Partnership, 12 may 2025

BiOrgaMCT project

(Bioactive Organic and Inorganic advanced Materials and Clean Technology)



Republic of Bulgaria
Ministry of
Education and Science



Funded by the
European Union
NextGenerationEU



BiOrgaMCT
Bioactive Organic and inorganic
advanced Materials and Clean Technologies

Summary:

- Brief information about BiOrgaMCT project
- Brief information about Centre for technology transfer (UCTM)

Key research areas of BiOrgaMCT project:

- ▶ Organic Functional Materials
- ▶ Cutting-edge materials and technologies
- ▶ Biologically active molecules - design, synthesis, extraction and research
- ▶ Clean technologies to extend the life cycle of energy systems



Republic of Bulgaria
Ministry of
Education and Science



International activities

Joint activities with scientific organizations from Europe and the world:

- ▶ Collaborations in strategic areas with scientific groups from Germany, the Czech Republic, Japan, Great Britain, France, Spain, Italy, etc.;
- ▶ Short-term and long-term research visits;
- ▶ Participation in specialized scientific forums - over 50 forums;
- ▶ Organization of specialized scientific forums - traditional annual international conference;
- ▶ Collaborations with leading scientists from France, Spain, England, etc. working in strategic scientific areas;
- ▶ Future participation in research networks and scientific infrastructures that are at different stages of development.





Research with potential for innovation or knowledge/intellectual property transfer

- 21 research and practical applications **projects** have been launched.
- Several utility models have been developed within the project and 3 **patents** have been protected (two more are pending).
- The university has created **one spin-off company** and is exploring the possibility of creating another company for managing research results and production based on achievements.





Funded by the
European Union
NextGenerationEU



BiOrgaMCT
Bioactive Organic and inorganic
advanced Materials and Clean Technologies

About the Center for technology transfer (CTT)

► Mission

Our mission is to protect the intellectual property of the University of Chemical Technology and Metallurgy and to seek the best possible market realization of the products and technologies created as a result of UCTM research activities

► Main goal

Supporting the technology transfer between business demand and innovative products and technologies offered by UCTM

► Website

<https://ctt.uctm.edu/en/>



Republic of Bulgaria
Ministry of
Education and Science



Funded by the
European Union
NextGenerationEU



BiOrgaMCT
Bioactive Organic and inorganic
advanced Materials and Clean Technologies

Activities



Trainings



Startup



International
cooperations



Annual international
conference



Patents and
utility models



Business collaboration
agreements



Business forums



Researches and
analyses



Network of research
universities



Republic of Bulgaria
Ministry of
Education and Science



Thank you!

Dobromir Dobrev Coordinator

Teodora Valcheva Marketing expert, CTT

research_uni@uctm.edu

ctt@uctm.edu

