2nd ICCD
GLOBAL CONVERSATION ON SUSTAINABILITY WORKSHOP

RESULTS • RESEARCH IN ACTION • WHAT'S NEXT?

25 SEPTEMBER 2026

11:00–13:30

ICCD LIBRARY
TIMIȘOARA, ROMANIA

VENUE LIBRARY of the "Coriolan Drăgulescu" Institute of Chemistry • 24 Mihai Viteazu Ave. • Timișoara

Organized by *the "Coriolan Drăgulescu" Institute of Chemistry, Timișoara, Romania, as part of the IUPAC Global Conversation on Sustainability*

OPENING
Welcome & Introduction

11:00–11:05 2nd ICCD Global Conversation on Sustainability

FROM RESEARCH TO IMPACT
Completed Research Projects

11:05–11:20 Project CHIMPACT: CHemistry with IMPACT in education for a healthy lifestyle

Luminita CRIȘAN

RESEARCH IN ACTION
Ongoing Research Projects

11:20–11:35 Project CERSUS: Center of Excellence in Water Management, Valorization of Materials, By-products and Waste for the Implementation of the Circular Bioeconomy

Ana-Maria LACRĂMĂ, Simona MUNTEAN, Elisabeta SZERB

11:35–11:50 Project ARES: National Multidisciplinary Center of Excellence for Combating Resistance to Anti-Infective Treatments

Alina BORA, Liliana CSEH

11:50–12:05 Project SusBioGly: Sustainable Route for Production of Glycosylated Flavonols Using Immobilized Biocatalyst on Renewable Inexpensive Carrier

Livia DEVESELEANU-CORICI, Ildiko BUTĂ, Ion Costin POPESCU[*], Liliana CSEH*

[*]*Institute of Biochemistry of the Romanian Academy, Bucharest, Romania*

RESEARCH IN ACTION
Ongoing Research Projects

12:05–12:20 Project: Luminescent Biocompatible Coordination Complexes Based on d-Block Metals and Derivatives of Natural Alkaloids as Ligands for Biomedical Applications

Adelina ANDELESCU

12:20–12:35 Project: Tunable MOF-Based Catalytic Membranes for Bio-Based Aromatic Platform Chemicals

Aurelia VISA

12:35–12:50 Project: Advanced Metal Complexes with Promising Activity against Cancer Cell Survival, Migration and 2D/3D Growth

Ildiko BUTĂ, Bogdan MARA, Livia DEVESELEANU-CORICI, Liliana CSEH, Abedulkadir ABUDALLEH[*], Radostina ALEXANDROVA*[*]

[*]*Institute of Experimental Morphology, Pathology and Anthropology with Museum, Bulgarian Academy of Sciences, Sofia, Bulgaria*

12:50–13:00 QUESTIONS & OPEN DISCUSSION

WHAT'S NEXT?
From Ideas to Future Projects • Coffee & Conversation

13:00–13:30 Round-table discussion on research proposals submitted to national competitions in 2026

POSTDOCTORAL (PD) PROPOSALS

- Integrated Magnetic Nanoparticle Platform Bridging Magneto-Densimetric Separation and Sustainable Water Treatment

  Ildiko BUTĂ

- Integrated Strategies for the Treatment of Colored Wastewater Using Sustainable Functional Materials

  Andreea NISTOR

WHAT'S NEXT?
2026 Research Proposals

YOUNG RESEARCH TEAMS (TE) PROPOSAL

- Electrochemical Screening for Per- and Polyfluoroalkyl Acids in Drinking Water: From Global Signal to Individual Compounds

  Sorina ILIES

- Sustainable Strategies for REES Recovery Using Functionalized Activated Carbon and Organic Extraction Systems from By-products

  Cătălin IANASI

EXPLORATORY RESEARCH PROJECTS (PCE) PROPOSALS

- Engineering Nanoporous Chiral Materials through Supramolecular Self-Assembly and Removal of Sacrificial Fragments

  Liliana CSEH

- DARKATLAS: Bias or Barrier? Mapping the Unexplored Chemical Space of Drug-Like Molecules and the Limits of Machine Learning Prediction

  Sorin AVRAM

- Sustainable Polymer Masterbatches Derived from Ester-Based Waste Streams from Household and Industrial Sources

  Nicoleta PLESU

- From Human AChE to Aphids: Transfer Learning with Graph Neural Networks and Explainable Models for the Design of Selective Insecticides

  Luminita CRIȘAN

FROM IDEAS TO ACTION
Conclusions and Group Photo

Conclusions and Group Photo

CHEMISTRY • COLLABORATION • SUSTAINABILITY JOIN THE CONVERSATION!