

*A DESTINY ON THE ALTAR OF RESEARCH*

Dedicated to academician Pavel VLAD (06.06.1936 – 24.03.2017)

**Program**

(GMT + 3)

9<sup>00</sup> – 9<sup>45</sup>

**Welcome speeches**

**Veaceslav Kulcițki**

The Head of the Laboratory of Chemistry of Natural and Biologically Active Compounds, chairman of the seminar sessions

**Aulina Arıcu**

Director of the Institute of Chemistry

**Ion Tighineanu**

Professor, academician, president of the Academy of Sciences of Moldova

**Emil Ceban**

Professor, Rector of the „Nicolae Testemițanu” State University of Medicine and Pharmacy

**Gheorghe Duca**

Professor, academician of the Academy of Sciences of Moldova

**Aurelian Gulea**

Professor, academician of the Academy of Sciences of Moldova

**Tudor Lupascu**

Professor, academician of the Academy of Sciences of Moldova

9<sup>45</sup> – 14<sup>30</sup>

**Oral presentations**

9<sup>45</sup> – 10<sup>00</sup>

**Aulina Arıcu**

ACADEMICIAN PAVEL VLAD – A VERITABLE SCIENTIST OF OUR COUNTRY

10<sup>00</sup> – 10<sup>30</sup>

**Ernesto Mollo**

STEPS TOWARDS INCREASING INTERACTION BETWEEN CHEMICAL ECOLOGY AND PHARMACOLOGY

10<sup>30</sup> – 11<sup>00</sup>

**Ionel I. Mangalagiu**, Violeta Mangalagiu, Costel Moldoveanu, Gheorghita Zbancioc, Ramona Danac, Vasilichia Antoci  
ANTIMICROBIAL AND ANTICANCER ACTIVITY OF SOME HYBRID AZINE/AZOLE DERIVATIVES

11<sup>00</sup> – 11<sup>30</sup>

Agata Lipko, Adam Jozwiak, Magdalena Kania, Witold Danikiewicz, Marta Hoffman-Sommer, Liliana Surmacz, Michel Rohmer, Jarosław Poznanski, **Ewa Swiezewska**  
BIOCHEMICAL TOOLS TO MONITOR ISOPRENOID BIOSYNTHESIS – THE CASE OF POLYPRENOL AND DOLICHOL

11<sup>30</sup> – 12<sup>00</sup>

**Alexey V. Tkachev**

TERPENE BASED CHIRAL N-DONOR LIGANDS FOR TRANSITION METALS

12<sup>00</sup> – 12<sup>30</sup>

**Philippe Renaud**

RECENT DISCOVERIES IN RADICAL CHAIN REACTIONS

12<sup>30</sup> – 12<sup>45</sup>

**Veaceslav Kulcițki**, Cătălina Cazacu, Olga Morarescu, Elena Pruteanu, Vladilena Gîrbu, Nicon Ungur, Philippe Renaud  
LATE STAGE FUNCTIONALIZATION OF UNACTIVATED C-H BONDS IN TERPENES – A FRUITFUL FIELD FOR FREE RADICAL CHEMISTRY

12<sup>45</sup> – 13<sup>00</sup>

**Fliur Macaev**

MOLECULAR ARCHITECTURE OF CHIRAL OXINDOLES AS A FACILE PLATFORM TO NEW DRUG CANDIDATES

13<sup>00</sup> – 13<sup>30</sup>

**Simon Vlad Luca**

THE ROLE OF LIQUID-LIQUID CHROMATOGRAPHY IN NATURAL PRODUCT RESEARCH

13<sup>30</sup> – 13<sup>45</sup>

**Nicon Ungur**, Veaceslav Kulcițki

MOLECULAR REARRANGEMENTS IN THE SYNTHESIS OF BIOACTIVE TERPENOIDS WITH NEW CARBON SKELETONS

## NEW FRONTIERS IN NATURAL PRODUCT CHEMISTRY

### Scientific seminar with international participation

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13 <sup>45</sup> – 14 <sup>00</sup>	<b>Alexandru Ciocârlan</b> , Vasilisa Cazacu, Lidia Lungu, Svetlana Blaja, Ion Dragalin, Aculina Arîcu THE USE OF NON-CONVENTIONAL METHODS FOR THE ISOLATION OF CHROMATOGRAPHICALLY INSEPARABLE COMPOUNDS
14 <sup>00</sup> – 14 <sup>15</sup>	<b>Maria Cojocaru-Toma</b> , Tamara Cotelea, Veaceslav Kulcički, Nicon Ungur, Octavian Cirimpei, Viorel Nacu, Mariana Jian, Vitalie Cobzac, Adina Organ PHYTOCHEMICAL STUDY AND ANTIOXIDANT ACTION OF <i>LAVANDULAE ANGUSTIFOLIAE</i> RESIDUES
14 <sup>15</sup> – 14 <sup>30</sup>	<b>Lidia Lungu</b> , Svetlana Blaja, Alexandru Ciocârlan, Ion Dragalin, Aculina Arîcu THE ELECTROCHEMICAL TRANSFORMATIONS OF METHYL BICYCLOHOMOFARNESOATES
14 <sup>30</sup>	<b>Concluding remarks</b>

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The seminar will take place via Zoom platform. Please access the following link for participation

<https://us02web.zoom.us/j/89174157140?pwd=SlZVN3ZLNHRXQzNvRkxmRVJUSmIqQT09>

or use login data:

Meeting ID: 891 7415 7140

Passcode: 174015

The seminar materials, including the e-book of abstract and poster collection, are available for download at

<https://ichem.md/en/scientific-seminar-new-frontiers-natural-product-chemistry-2021>