MINISTRY OF EDUCATION AND RESEARCH

"AUREL VLAICU" UNIVERSITY OF ARAD

INTERDISCIPLINARY DOCTORAL SCHOOL

310330 Arad, Str. Elena Drăgoi, Nr. 2-4, Arad

Tel/fax: 0040-257-280070, http://www.uav.ro

PHD STUDENTS' DAYS

PROGRAM

The VIth Edition, November 9-11, 2026

ARAD, ROMANIA



PHD STUDENTS' DAYS

INTERDISCIPLINARY DOCTORAL SCHOOL
"AUREL VLAICU" UNIVERSITY OF ARAD

The VIth Edition, November 9-11, 2026

The Organizing Committee:

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Assoc. Prof./Docent Dr. Salme TIMMUSK, Uppsala BioCenter, SLU, Sweden

Prof. Dr. Habil. Simona Ioana VICAȘ, University of Oradea, Romania

PROGRAM

LOCATION: "Aurel Vlaicu" University of Arad, building M, F, Elena Drăgoi Str., no. 2-4, Red Room 134, Code 310330, Arad.

On line:

Lucian Copolovici invited you to a Microsoft Teams Meeting:

PhD Student Day
Monday, November 9, 2026
10:00 PM - 9:59 PM (UTC)

Meeting link: PhD Student Day | Microsoft Teams | Meetup-Join

Monday, November 9, 2026 / Luni 9 Noiembrie 2026

12.00-13.00	**Registration of the participants**
13.00-14.00	**Lunch**
14.00-14.30	**Visit the Faculty of Food Engineering, Tourism and Environmental Protection of "Aurel Vlaicu" University of Arad**
14.30-15.30	**Visit the Research Center in Technical and Natural Sciences, Interdisciplinary Research Institute of "Aurel Vlaicu" University of Arad**
16.00-17.00	**Visit the Research Center for Sustainable Bio-Eco-Economy, Interdisciplinary Research Institute of "Aurel Vlaicu" University of Arad**

Tuesday, November 10, 2026 / Marti 10 Noiembrie 2026

8.30 – 9.00 Registration of the participants

WELCOME SPEECH / DESCHIDEREA OFICIALĂ A EVENIMENTULUI

9.00-9.30

Rector of „Aurel Vlaicu" University of Arad: Dr. Habil. Ramona Lile

Vicerector of „Aurel Vlaicu" University of Arad: Prof. dr. Codruța Simona Stoica

Vicerector of „Aurel Vlaicu" University of Arad: Prof. dr. Alexandru Popa

Vicerector of „Aurel Vlaicu" University of Arad: Lecturer dr.ing. Babanatis-Merce Roxana Mihaela

Director of Council for Doctoral University Studies: Prof. dr. habil. Florentina Munteanu

Prof. dr. habil. Lucian Copolovici

SECTION PRESENTATION / PREZENTĂRI PE SECTIUNI

Chairman: Prof.dr.habil. Lucian Copolovici

Prof. dr. habil. Dorina Chambre

CS I Liliana Cseh

	SECTION I **Environmental Engineering and Environmental Science** **Environmental Protection** **Biodiversity** **Health** **Ecology** **Plant Physiology** **Biology** **Applied Biology** **Biochemistry** **Chemistry**
9.30-9.40 OP 1	**INTEGRATING *IN SILICO* APPROACHES FOR IDENTIFYING POTENTIAL NUCLEAR FACTOR KAPPA-B INHIBITORS** Lucia Grădinaru, Luminita Crisan *"Coriolan Dragulescu" Institute of Chemistry, 24 Mihai Viteazu Ave., 300223 Timisoara, Romania.*
9.40-9.50 OP 2	**SPECTROPHOTOMETRIC CHARACTERIZATION OF ATMOSPHERIC PARTICLES IN ARAD, ROMANIA** Andreea-Corina Marcu[1], Andreea Ioana Lupitu[2], Cristian Moisă[2], Dorina Rodica Chambre[3] *[1]Interdisciplinary Doctoral School,"Aurel Vlaicu" University of Arad, 2 Elena Drăgoi, Arad 310330, RO,[2]Interdisciplinary Research Institute of the "Aurel Vlaicu" University of Arad, 2 Elena Drăgoi, Arad 310330, RO,[3]Faculty of Food Engineering, Tourism and Environmental Protection, "Aurel Vlaicu" University, 2 Elena Drăgoi, Arad 310330, RO.*
9.50-10.00 OP 3	**SYNTHESIS AND CHARACTERIZATION OF TWO ZN(II) AND CU(II) HETEROLEPTIC COMPLEXES BASED ON A TERPYRIDINE DERIVATIVE** Raluca-Alexandra Flintă[1], Adelina-Antonia Andelescu[1], Evelyn Popa[1], Elisabeta I. Szerb[1] *[1]"Coriolan Drăgulescu" Institute of Chemistry, Romanian Academy, 24 Mihai Viteazu Blvd., 300223 Timisoara, Romania.*
10.00-10.10 OP 4	**INTEGRATED ASSESSMENT OF URBAN WASTE COLLECTION STRATEGIES FOR RESOURCE RECOVERY AND CIRCULAR ECONOMY DEVELOPMENT** Mariana Diana Frătean[1], Florentina Daniela Munteanu[1] *[1]Interdisciplinary School of Doctoral Studies, „Aurel Vlaicu" University of Arad, Romania, [2]„Aurel Vlaicu" University of Arad, Department of Technical and Natural Sciences, Faculty of Food Engineering, Tourism and Environmental Protection, Romania.*
10.10-10.20 OP 5	**NEW ASYMMETRIC CURCUMIN ANALOGUES AS ANTHOCYANIN-LIKE pH-RESPONSIVE SYSTEMS** Alina Mogoşanu, Livia-Nicoleta Deveseleanu-Corici, Liliana Cseh *"Coriolan Drăgulescu" Institute of Chemistry, Romanian Academy, 24 Mihai Viteazul Blvd., 300223 Timişoara, Romania.*
10.20-10.30 OP 6	**ASESSMENT OF SOIL PHYSICOCHEMICAL PROPERTIES IN AREAS AFFECTED BY LIVESTOCK WASTE IN THE PADIŞ PLATEAU, APUSENI NATURAL PARK, ROMANIA** Andreea Ailoaie[1], Florentina-Daniela Munteanu[1,2] *Interdisciplinary Doctoral School, "Aurel Vlaicu" University, Romania, 2 Elena Drăgoi, Arad 310330, Romania.*

10.30-10.40 OP 7	**DE LA RESURSA VEGETALĂ LA APLICAȚII TOPICE: EXPLORAREA POTENȚIALULUI FITOCHIMIC AL SPECIEI *ARTEMISIA ABSINTHIUM* L.** Alexandra Indres, Mariana Suba, Daniela Haidu, Liliana Cseh *Institul de Chimie „Coriolan Drăgulescu", Academia Română, Bulevardul Mihai Viteazul, nr.24, 300223 Timișoara, Romania.*
10.40-10.50 OP 8	**EFFECT OF TEMPERATURE AND VENTILATION ON THE DRYING EFFICIENCY OF SEWAGE SLUDGE FROM ARAD, ROMANIA** Snejana Denisa Bacalu Rus, Lucian Copolovici *Interdisciplinary School of Doctoral Studies, "Aurel Vlaicu" University, Romania, 2 Elena Drăgoi, Arad 310330, Romania.*
10.50-11.00 OP 9	**EFFECTS OF SELENIUM NANOPARTICLES ON GERMINATION AND EARLY SEEDLING GROWTH IN SIX SORGHUM SEED LOTS** Richard Zsiros[1], Cristiana Adriana Rosan[2], Emanuel Alexandru Gitea[3], Simona Ioana Vicas[1,2] *[1]Doctoral School of Biomedical Science, University of Oradea, 410087 Oradea, Romania, [2]Department of Food Engineering, Faculty of Environmental Protection, University of Oradea, 410048 Oradea, Romania,[3]Department of Agriculture and Horticulture, Faculty of Environmental Protection, University of Oradea, 410048 Oradea, Romania.*
11.00-11.10 OP 10	**DYNAMIC MODELLING AND ENVIRONMENTAL PERFORMANCE ASSESSMENT OF TRANSITION SCENARIOS TOWARDS A CIRCULAR BIOECONOMY** Otilia-Liliana Istrate[1], Florentina-Daniela Munteanu[1,2] *[1]Faculty of Food Engineering, Tourism and Environmental Protection,"Aurel Vlaicu" University of Arad,2-4 Elena Drăgoi Str., 310330 Arad, Romania, [2]Interdisciplinary School of Doctoral Studies, "Aurel Vlaicu" University of Arad, 2-4 Elena Drăgoi Str.,310330 Arad, Romania.*

11.10- 11.30 COFFEE BREAK

Chairman: Prof. dr. habil. Dana Copolovici

CS II dr. Andreea Lupitu

Conf. dr. Claudia Mureșan

	SECTION II **Food Technology** **Food Engineering** **Food Chemistry, Nutrition** **Food Quality and Food Safety** **Agrotourism Management** **Sustainability**
11.30-11.40 OP 11	**INFLUENCE OF ROSEHIP WASTE POWDER AS A SUBSTITUTE FOR CURED MEAT ON THE QUALITY OF PORK SAUSAGES** Alexandra Raluca Borșa (Bogdan), Melinda Fogarasi[1], Andrei Borșa[1]*, Vlad Mureșan[1], and Cristina Anamaria Semeniuc[1] *[1]Faculty of Food Science and Technology, University of Agricultural Sciences and Veterinary Medicine of Cluj-Napoca, Romania.*
11.40-11.50 OP 12	**MICROWAVE-ASSISTED RECOVERY OF BIOACTIVE COMPOUNDS FROM *ARONIA MELANOCARPA* POMACE: SOLVENT-DEPENDENT PERFORMANCE OF NATURAL DEEP EUTECTIC SYSTEMS**

	Andreea-Bianca Balint[1], Nicoleta Stănciuc[1], Iuliana Aprodu[1], Roxana Nicoleta Rațu[2], Mihaela Skrt[3], Natasa Poklar Ulrih[3], Gabriela Râpeanu[1] *[1]"Dunărea de Jos" University of Galati, Faculty of Food Science and Engineering, Domnească Street, 111, RO-800201, Galati, Romania, [2]Department of Food Technologies, Faculty of Agriculture, "Ion Ionescu de la Brad" Iasi University of Life Sciences,3 Mihail Sadoveanu Alley, 700489 Iasi, Romania,[3]Department of Food Science and Technology, Biotechnical Faculty, University of Ljubljana, Jaminkarjeva 101,1000 Ljubljana, Slovenia.*
11.50-12.00 OP 13	**α- AND β-CASEIN AS PROTECTIVE CARRIERS FOR RED GRAPE (*VITIS VINIFERA* L.) ANTHOCYANINS DURING SIMULATED GASTROINTESTINAL DIGESTION** Cosmin-Alin Faur[1], Adela Pintea[2], Mihai Andrei Lăcătuș[1], Florina Copaciu[1], Andrea Bunea[1] *[1]Faculty of Animal Science and Biotechnology, University of Agricultural Sciences and Veterinary Medicine Cluj-Napoca, 3-5 Calea Mănăștur, 400372 Cluj-Napoca, Romania, [2] Faculty of Veterinary Medicine, University of Agricultural Sciences and Veterinary Medicine Cluj-Napoca, 3-5 Calea Mănăștur, 400372 Cluj-Napoca, Romania.*
12.00-12.10 OP 14	**DID MANAGEMENT STRATEGY PAY OFF? SURVEY EVIDENCE ON TURNOVER IN ROMANIAN MEDIA COMPANIES AFTER THE PANDEMIC SHOCK** Miruna Maura Trocan, Alexandru Nicolăiță, Silviu Gabriel Szentesi, Radu Lucian Blaga *Aurel Vlaicu University of Arad, Arad, Romania*
12.10-12.20 OP 15	**UPCYCLING EVERYDAY WASTE: GREEN SYNTHESIS AND CHARACTERIZATION OF COFFEE-DERIVED GRAPHENE QUANTUM DOTS** Alexandru Visan[1], Roxana Nicola[1], Ana-Maria Lacrămă[1], Silvana Borcănescu[1], Sorina Ilies[2], Elisabeta I. Szerb[1] *[1]"Coriolan Dragulescu" Institute of Chemistry, Romanian Academy, 300223 Timisoara, Romania, [2]Politehnica University of Timisoara, Department of Applied Chemistry and Engineering of Inorganic Compounds and Environment, 300223 Timişoara, Romania.*
12.20-12.30 OP 16	**RECENT ADVANCES IN BUFORIN-DERIVED ANTIMICROBIAL PEPTIDES** Andreea Guță (Gostăviceanu)[2], Dana Maria Copolovici[1,2] *[1]Aurel Vlaicu University of Arad, The Interdisciplinary Research Institute, Elena Dragoi St., Nr. 2, Arad, 310330, Romania; Aurel Vlaicu University of Arad, Faculty of Food Engineering, Tourism, and Environmental Protection, Elena Dragoi St., Nr. 2, Arad, 310330, Romania, [2]University of Oradea, Biomedical Sciences Doctoral School, University St., Nr. 1, 410087, Oradea, Romania.*

12.30-14.00 Lunch

	POSTERS PRESENTATION / PREZENTARE POSTERE
PP1	**ASSESSING THE SPATIAL VARIABILITY OF DICLOFENAC CONCENTRATIONS IN THE MUREȘ RIVER: IMPLICATIONS FOR WATER SAMPLING STRATEGIES** Timea Gerőcs[1], Florentina-Daniela Munteanu[1, 2] *[1]Interdisciplinary School of Doctoral Studies,"Aurel Vlaicu" University of Arad, 2-4 Elena Drăgoi Str.,310330 Arad, Romania.* *[2]Faculty of Food Engineering, Tourism and Environmental Protection,"Aurel Vlaicu" University of Arad,2-4 Elena Drăgoi Str., 310330 Arad, Romania*
PP2	**SINTEZA ȘI CARACTERIZAREA STRUCTURALĂ A UNUI NOU DERIVAT DE SULFONAMIDĂ CA POTENȚIAL INHIBITOR ANTIMICROBIAN** Ioana Andreea Andrei, Bogdan Mara, Liliana Cseh *[1]Institutul de Chimie „Coriolan Drăgulescu", Bld. M. Viteazul, nr. 24, 300223-Timișoara, România.*
PP3	**INTERPLAY BETWEEN ATMOSPHERIC CO_2, DROUGHT, AND OZONE EXPOSURE: PHOTOSYNTHETIC AND BIOCHEMICAL RESPONSES OF *RAPHANUS SATIVUS* CULTIVARS** Flavia Bortes[1,2], Andreea Lupitu[1], Cristian Moisa[1], Dana Copolovici[3], Lucian Copolovici[2,3]

	[1]Institute for Interdisciplinary Research, "Aurel Vlaicu" University of Arad, Elena Dragoi St. 2, Arad, 310330, Romania,[2]Interdisciplinary Doctoral School of "Aurel Vlaicu" University of Arad, Elena Dragoi St. 2, Arad, 310330, Romania,[3]Faculty of Food Engineering, Tourism and Environmental Protection, "Aurel Vlaicu" University of Arad, Elena Dragoi St. 2, Arad, 310330, Romania.
PP4	**PHYSICOCHEMICAL CHARACTERIZATION OF BIODEGRADABLE FOOD PACKAGING BASED ON SODIUM ALGINATE** Madalina-Casandra Covoran[1], Ana Neacsu[1], Daniela Gheorghe[1], Monica Elisabeta Maxim[1], Irina Atkinson[1], Adina Magdalena Musuc[1] *[1]Institute of Physical Chemistry - Ilie Murgulescu, Romanian Academy, 202 Spl. Independentei, 060021 Bucharest, Romania.*
PP5	**ANTIMICROBIAL PEPTIDES WITH ANTICANCER POTENTIAL: THE THERAPEUTIC ROLE OF BUFORINS AND THEIR BIOCONJUGATES** Ana-Maria Vasii [1,2], Dana Maria Copolovici[1] *[1]"Aurel Vlaicu" University of Arad, Faculty of Food Engineering, Tourism and Environmental Protection; and Institute for Interdisciplinary Research, Romania; [2]Biomedical Sciences Doctoral School, University of Oradea, Romania.*
PP6	**DUCKWEED AS AN UNCONVENTIONAL PROTEIN SOURCE IN THE TRANSITION TOWARDS SUSTAINABLE FOOD SYSTEMS: A BIBLIOMETRIC ANALYSIS AND LITERATURE REVIEW OF NUTRITIONAL COMPOSITION** Silviu Mănțăilă[1], Loredana Dumitrașcu[1], Gabriela Elena Bahrim[1], Iuliana Aprodu[1], Daniela Borda[1], Nicoleta Stănciuc[1] *[1]"Dunarea de Jos" University of Galati, Faculty of Food Science and Engineering, Department of Food Science, Food Engineering, Biotechnology and Aquaculture.*
PP7	**INVASIVE PLANT SPECIES IN ARAD COUNTY: ECOLOGICAL IMPACT, ADAPTIVE TRAITS AND RESEARCH PERSPECTIVES UNDER CLIMATE CHANGE** Corina Fărcuțiu, Lucian Copolovici *Interdisciplinary Doctoral School, "Aurel Vlaicu" University of Arad, Elena Drăgoi Str., no. 2-4, 310330, Arad, Romania.*
PP8	***IN SILICO* AND *IN VITRO* ANTICANCER EVIDENCE OF NEWLY SYNTHESIZED SMALL-MOLECULES** Bogdan-Ionuț Mara[1,2], Deveseleanu-Corici Livia[1], Mioc Alexandra[2], Curpăn Ramona[1], Nicolescu Alina[3], Cseh Liliana[1] *[1]Coriolan Drăgulescu" Institute of Chemistry, 24 Mihai Viteazu Boulevard, 300223 Timișoara, Romania, [2]Victor Babeș University of Medicine and Pharmacy, Piata E. Murgu, 300041, Timișoara, Romania, [3]Petru Poni Institute of Macromolecular Chemistry, 41 A, Gr. Ghica Voda Aley, 700487, Iași, Romania.*
PP9	**INVESTIGATION OF THE FIRE SUPPRESSION PERFORMANCE OF A COMMERCIAL EXTINGUISHING POWDER ON WOOD-BASED WASTE MATERIALS** Dima Cezar[1,2], Orbeci Cristina[1], Bobirică Constantin[1], Bobirică Liliana[1], Ionică Giovanina-Iuliana[1]* *[1]Faculty of Chemical Engineering and Biotechnology, Politehnica Bucharest, Romania, [2]INCDCP-ICECHIM Bucharest, 202 Spl. Independentei, 6th district, Romania.*

15.30 Awards ceremony – Room 134

Wednesday, November 11, 2026 / Miercuri 11 Noiembrie 2026

Tour visit of Arad city/ Mureș Meadow Nature Park field visit

The participants departure

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R.N.P. Romsilva RA - Mureș Meadow Nature Park Administration

NOTES: Abbreviations: OP = oral presentation, PP = poster presentation.