



Welcome to One Health International Student Conference!
3-6 December 2023
University Diplomacy Days
Program

Zoom link: <https://zoom.us/j/97670821569?pwd=NkdUR2VXSng2QzBLZzJ5OU5LNWpIdz09>
 Meeting ID: 976 7082 1569, Passcode: 738952

Sunday, 3rd of December 2023

14:00-18:00 Guided Bucharest City tour. Starting point - Main Building A, Rectorate

Monday, 4th of December 2023

09:00-10:00 Welcome and Registration - Aula Magna „Petre S. Aurelian” Building A, Rectorate

10:00-10:30 Opening ceremony – Aula Magna „Petre S. Aurelian” Building A, Rectorate
 Florin STĂNICĂ, Vice-Rector, University of Agronomic Sciences and Veterinary Medicine of Bucharest, Convener
 Sorin Mihai CÎMPEANU, Rector, University of Agronomic Sciences and Veterinary Medicine of Bucharest
 Ioan DUMITRACHE, Secretary General, Romanian Academy
 Representatives of Romanian Ministeries (tbc)
 Dan TOMA, Chair of Student Organizing committee, University of Agronomic Sciences and Veterinary Medicine of Bucharest
 Representative of Student Union of Romania (tbc)

Session - Landscape, Green Areas, and Forest for Healthy Life

Moderators: Mihai ENESCU, Dan TOMA

10:30 – 11:00 (KNS) Gabriel OLTEAN - Creating healthy communities through healthy forests.

11:00 – 11:30 Photo session and coffee break

11:30 – 11:45 Jie XU, Hanfei YANG, Xinyu GUAN, Xinyu ZHOU - Exploring the impact of exotic ornamental plants and indigenous flora on urban ecology: a one health perspective

11:45 – 12:00	Dan TOMA - What are the opinions of UASVM students regarding urban tiny forests
12:00 – 12:15	Anca-Roxana STRUGARIU, Marius BUDILEANU - A GIS approach to green register and tree management in Bucharest, Romania - District 1 Case Study
12:15 – 12:30	Daniela-Ioana GUJU, Anca-Roxana STRUGARIU, Gabor-Giovani LUCA - A comprehensive study on Techirghiol lake's ecosystem through conservation, ecotourism, and sustainable practices
12:30 – 13:30	Lunch break

Session - Sustainable Plant Production

Moderators: Emilia MOISESCU, Ioana MIHĂLCIOIU

13:30 – 14:00	(KNS) Sandra MUENZEL, C. FELLER - Healthy plants by increasing soil vitality - Monitoring results of soil analyses in vegetable cultivation systems
14:00 – 14:15	Nicholus MNYAMBO, Nokuthula KHANYILE, Zakheleni DUBE, Nkosingiphile ZULU - Evaluation of the phytochemical composition of two nematocidal plants (<i>Maerua angolensis</i> and <i>Tabernaemontana elegans</i>) against nematodes
14:15 – 14:30	Amina HAMADI, Sanaa BOUALAM, Chahinez LATIGUI, Larid MOHAMED, José Alfonso Gómez CALERO - Characterization of soil fauna (macrofauna and mesofauna) under different agroforestry practices in the North-West foothills of Dahra (Sidi-Ali-Mostaganem)
14:30 – 14:45	Muğdat BİNGÖL - Important olive diseases found in Türkiye
14:45 – 15:00	Rivoningo UBISI, Innocent VILAKAZI, Thobile Mkhwanazi, Gugu MASEKO, Terrence SUINYUY, Zakheleni DUBE - Application effect of <i>Encephalartos vellosus</i> soil on growth and yield of Swiss chard and mustard: sustainable approach
15:00 – 15:15	Alexandru-Dumitru ILIE - Evaluating the applicability of passive remote sensing technology with multirotor drone in precision viticulture
15:15 – 15:30	Wandile MABILA, T.A. MASENYA, H. THULASIZWE - Vesicular arbuscular mycorrhizal influence on growth and alleviation of salinity stress of Kickapoo White tepary bean
15:30 – 15:45	Yvonne GURUMANI, Nicholus MNYAMBO, Moses TIMANA, Zakheleni DUBE - Effect of <i>Argemone ochroleuca</i> extract on <i>Meloidogyne javanica</i> and tomato growth under greenhouse conditions
15:45 – 16:00	Ioana CIOBANU, George Adrian PETICILĂ, Cătălina NICOLAE, Oana VENAT - Asymbiotic seed germination, <i>in vitro</i> seedling development and multiplication of a <i>Phalaenopsis</i> orchid hybrid
16:00 – 16:30	Coffee break
16:30 – 16:45	Charles NGWENYA, Nicholus MNYAMBO, Moses TIMANA, Zakheleni DUBE - Response of <i>Vigna subterranea</i> (L.) Verdc. farmer retained varieties to <i>Meloidogyne incognita</i> under greenhouse conditions
16:45 – 17:00	Guedong MATHURIN, Oana-Crina BUJOR, Tatsimo Ndendoung SIMPLICE J., Violeta Alexandra ION, Elisabeta Elena POPA, Liliana BĂDULESCU, Lannang Meli ALAIN - Chemical studies and evaluation of the biological activities of an endophytic fungus, <i>Fusarium</i> sp. and its host plant <i>Codiaeum variegatum</i> (<i>Euphorbiaceae</i>).
17:00 – 17:15	Moses TIMANA, Nicholas MNYAMBO, Lerato KGOTSE, Zakheleni DUBE - Interactive effects of environment, cultivar, size of cutting, hormone application, and growing media on sprouting and rooting of cassava cv 'Mbonisweni' and cv 'Mganduzweni' cuttings

17:15 – 17:30	Nkosingiphile ZULU, Lungisile TSHITSHI, Zakheleni DUBE, Mandisa SHABALALA, Lesega PHETLA, Petunia SILINDA - Diversity of endophytic bacteria isolated from genetically and non-genetically modified maize
17:30 – 17:45	Adelina VENIG, Florin STĂNICĂ - Research regarding the effect of irrigation and fertilization on photosynthetic rate at different plum varieties in the fruit trees nursery, in the context of climate change
17:45 – 18:00	Thamia LAKA, Abby MASENYA, Siyabonga NKUNA, Nonjabulo MOKOENA, Motlatso MOKWALA, Banele MASILELA, Sebuki MANGE- Evaluating the efficacy of slag and vesicular arbuscular mycorrhiza as a potential biofertilizer growth of soybean (PAN 1532R)
18:00 – 18:15	Tiberiu SÂRBU, Iulian GABUR, Danela MURARIU, Danut Petru SIMIONIUC, Violeta SIMIONIUC- Phenotypic evaluation <i>Triticum sp.</i> genotypes variation
18:15 – 18:30	Amogelang MABUELA, Abby MASENYA, Thandeka MALINGA, Akani HLUNGWANA- The efficacy of vesicular arbuscular mycorrhiza (VAM) on growth and yield of green beans (<i>Phaseolus vulgaris</i> L.)

Tuesday, 5th of December

Session - Sustainable Plant Production

Moderators: Emilia MOISESCU, Ioana MIHĂLCIOIU

09:00 – 09:15	Motlatso MOKWALA, Tsobedi A. MASENYA, Standford THOSAGO, Lambert LETSOALO - Effects of slag & vesicular arbuscular mycorrhiza on growth and yield of cancer bush (<i>Sutherlandia frutescens</i>)
09:15 – 09:30	Thobile MKHWANAZI, Mncedisi GAMA, Raymond MASINA, Rivoningo UBISI, Gugu MASEKO, Zakheleni DUBE - Inhibitory effect of two <i>Argemone</i> species on the seed germination of common weeds
09:30 – 09:45	Wei Quan PANG, Sreeramanan SUBRAMANIAM - Enhancing growth, development, and genetic stability of Japanese pearl white strawberry [<i>Fragaria x ananassa</i> var. Pearl white (iroha-001)] through melatonin treatment in tissue culture-based propagation
09:45 – 10:00	Panchaal BHATTACHARJEE, K. H. NATARAJA, C. ASWATH, Rakesh JANGID, Utpal DAS – <i>In vitro</i> clonal propagation of rambutan (<i>Nephilium lappaceum</i> L.) cv. Arka coorg Arun through nodal segments
10:00 – 10:15	Emanuela Diana LORENTZ, Emilia MOISESCU, Cosmin MIHAI, Florin STĂNICĂ - Preliminary results regarding the behaviour of valuable genotypes of fig (<i>Ficus carica</i> L.) grown in fruit hedge system
10:15 – 10:30	Gugu MASEKO, Cynthia MAMBA, Zakheleni DUBE, Terrence SUINYUY, Thobile MKHWANAZI, Rivoningo UBISI - Cycads soil application as an alternative for improving horticulture: Effect on Cowpea growth, yield, and nodulation
10:30 – 10:45	Ioana Mihaela MIHĂLCIOIU, Alen Luis Gabriel OLTEANU, Ana Cornelia BUTCARU, Andrei Florin TABACU, Florin STĂNICĂ - Propagation methods of some pawpaw genotypes [<i>Asimina triloba</i> (L.) Dunal]
10:45 – 11:00	Bintou Yasmine TRAORÉ, Ana BUTCARU, Florin STĂNICĂ, Bilassé ZONGO - Floristic diversity and plant production techniques in nurseries: the case of the city of Bucharest (Romania) and Bobo-Dioulasso (Burkina Faso)
11:00 – 11:15	Coffee break

Session – Animal Welfare

Moderators: Gabriela MALOȘ, Cosmin LEON

11:15 – 11:30	Osamah Mahmood Abdulzahra MURSHEDI, Horia GROSU - Comparative analysis of procedures for predicting breeding value for traits of economic importance in a sheep population
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11:30 – 11:45	Nassiba REGHAISSIA, Sadiya MAXAMHUD, Abdelkarim LAATAMNA, Houssef SAMARI, Abdeldjalil DAHMANE · Rabeh BERIMA · Amine ABDELLI · Ahcene HAKEM · Djamel BAROUDI · Anastasios D. TSAOUSIS - First epidemiological report of <i>Cryptosporidium spp.</i> in farmed marine and wild freshwater fish in Central and Eastern of Algeria.
11:45 – 12:00	Neil Joseph TIRCHETT - The preference of grower-finisher pigs for circular feed materials provided as enrichment
12:00 – 12:15	Hippolyte MEKUIKO WATSOP, Jules LEMOUFOUET, François DJITIE KOUATCHO, Enea DANUT NICOLAE, Ion CALIN - Effect of the incorporation of ginger powder (<i>Zingiber officinale</i>) as a food additive on the zootechnical performance of piglets
12:15 – 12:30	Hillary SPENCER, Chirag CHOPRA - Canadian Flying Model for EU One Health & Animal welfare initiatives
12:30 – 12:45	Zhixuan FENG, Valerie LECLERC, Madison CURRIER, Clara PIGOZZO, Guangwen SUN, Jennifer RONHOLM - Prospecting chicken microbiome with culturomic method and find probiotic candidates via inter-bacterial competition
12.45 – 13.45	Lunch break
13:45 – 14:00	Hippolyte MEKUIKO WATSOP, Jules LEMOUFOUET, Danut Nicolae ENEA, Moïse ONDUA, François DJITIE KOUATCHO, Eric NZOUDA, Ion CALIN - Effects of essential oil of ginger (<i>Zingiber officinale</i>) on to the broilers growing performance and some biochemical parameters
14:00 – 14:15	M. KOTULA-BALAK, G. LONC, A. HRABIA, A. KORZEKWA, I. KRAKOWSKA - Membrane androgen and estrogen receptor signaling in the adrenal cortex in the Eurasian beaver (<i>Castor fiber L.</i>).
14:15 – 14:30	Cosmina STALIDI, George SUCIU, Luminița MARCU - A mobile one health approach to infectious disease surveillance using green technology
14:30 – 14:45	Anastasiia ZHUKOVSKA, Artem POPADCHENKO, Lyudmila PARKHOMENKO - Analysis of vaccines against avian infectious bronchitis and schemes of their use in poultry farms in Ukraine

Session – Environment Health and Climate Changes

Moderators: Mirela Alina SANDU /Dan TOMA

14:45 – 15:15	(KNS) Mirela Alina SANDU - Plate to Planet: Feeding the Future
15:15 – 15:30	Moses Z. SITHOLE, Azikiwe I. AGHOLOR - Smallholder farmers' perception of conservation agriculture: evidence from Nkomazi Local Municipality, South Africa
15:30 – 15:45	Bianca-Denisa CHEREJI, Florentina-Daniela MUNTEANU - Wool-based filters for the retaining of heavy metals from industrial and contaminated wastewater
15:45 – 16:00	Coffee break
16:00 – 16:15	Ana-Maria COMEAGĂ, Iuliana MARIN - Optimizing Environmental Intelligence in an Internet of Things System for Sustainable Health Monitoring
16:15 – 16:30	Maria-Alexandra JALBĂ, Elena MITRĂNESCU, Laurențiu TUDOR - Observations regarding industrial air pollution in the North-West area of Bucharest

16:30 – 16:45	Ruxandra GOGOȚ, Cosmin MIHAI, Ana BUTCARU, Florin STĂNICĂ, Dorel HOZA – Phenology of pear tree (<i>Pyrus communis</i> L.) according to BBCH scale influenced by local climatic data of Bucharest, Romania.
16:45 – 17:00	Mihai MAFTEI, Iuliana MARIN - Exploring the Cosmos: A Web-Based Application for Pollution, Constellation and Moon Phase Recognition
17:00 – 17:15	Diana-Izabela DUMITRU, Elena MITRĂNESCU, Maria-Alexandra JALBĂ, Laurențiu TUDOR - Chemical and biological parameters of the Dambovita river water in Chiajna-Lacul Morii area
17:15 – 17:30	Denis DUMITRU - Interconnected Environmental Challenges: A One Health Perspective
17:30 – 17:45	Coffee break
17:45 – 19:00	Christmas carols, customs and traditions, Aula Magna „Petre S. Aurelian” Building A, Rectorate
19:00	Romanian Traditional Dinner in Rectorate building

Wednesday, 6th of December

Session - Healthy Food and Nutrition

Moderator: Gratiela Victoria BAHACIU/Gabriela STAN

09:00 – 09:30	(KNS) Dan VODNAR – Molecular Gastronomy – food of tomorrow
09:30 – 09:45	Lyubomira RADEVA, Spiro KONSTANTINOV, Krassimira YONCHEVA - Encapsulation of oregano oil in nanoparticles based on natural polymers
09:45 – 10:00	Esra EKŞİ, Yakup POLAT, İlbilge OĞUZ, Nesibe Ebru KAFKAS, Hayat TOPÇU - Investigation of the quality characteristics of persimmon (<i>Diospyros kaki</i> L.) fruits harvested in different periods
10:00 – 10:15	Carole VIKOU, Josiane SEMASSA, Zorița DIACONEASA, Gautier ROKO, Majoie TOHOYESSOU, Durand DAH-NOUVLESSOUNON, Haziz SINA, Andreea STANILA, Lamine BABA-MOUSSA - Diversity, chemical compositions and beneficial effects of some spices and aromatic leaves consumed in Benin and in the world: critical review
10:15 – 10:30	Majoie Géroxie TOHOYESSOU, Wahauwouélé Hermann COULIBALY, Fatoumata CAMARA - Nutritional profile and functional properties of coconut water consumed in West Africa
10:30 – 10:45	Dongdong CAO, Junyi LI, Meng LI, Mengli WANG, Jia YAO, Jidong LI - Jujube, nutritious fruit on Chinese traditional diet
10:45 – 11:00	Bianca Alexandra POPA, Maria-Magdalena PÎRVU, Nicoleta DEFTA - Feasting on fungi: exploring future perspectives of consumers preferences and commercial practices on the growing market of plant-based foods
11:00 – 11:30	Coffee break
11:30 – 11:45	Maria Concetta DI BELLA, Maria Grazia MELILLI, Ana BUTCARU, Ioana-Mihaela MIHĂLCIOIU, Corina Nicoleta PREDESCU, Liliana TUDOREANU, and Florin STĂNICĂ - Chemical and organoleptic profile of pasta fortified with aronia (<i>Aronia melanocarpa</i>) and jujube (<i>Ziziphus jujuba</i> Mill.)
11:45 – 12:00	Imad Al-SUWAID, Cosmin MIHAI, Aurora DOBRIN, Ana BUTCARU, Florin STĂNICĂ - Study on the evaluation of pomological, biochemical and organoleptic parameters of varieties apricot
12:00 – 12:15	Imad Al-SUWAID, Cosmin MIHAI, Ana BUTCARU, Florin STĂNICĂ - Sensory analysis evaluation study of foreign and Romanian apricot cultivars

12:15 – 12:30	Maria-Luiza DULGHERU, Iuliana MARIN - Healthcare management using Amazon Web services
12:30 – 12:45	Asamrew ADINO - Occurrence and antimicrobial resistance Patterns of Escherichia Coli O157 and Salmonella isolates from raw cow milk in and around Bahir Dar City, Amhara Region, Ethiopia
12:45 – 13:00	Ana CHIORU, Aurica CHIRSANOVA, Alina BOIȘTEAN - Extraction methods and activities of β -glucans from residual yeast from vinification
13:00 – 13:15	Nina MIJA, Daniela PALADI - Influence of agronomical techniques on the nutritional value of poultry products
13:15 – 13:30	Conference closure
13.30 – 14.30	Lunch break

Thursday - Saturday, 7th – 9th of December

Post Symposium tour (3 days)

Prahova Valley, Carpathian Mountains, Transylvania