

## Welcome to One Health International Student Conference

3-6 December 2023

### Program

#### Sunday, 3<sup>th</sup> of December 2023

16:00-20:00 Guided Bucharest City tour. Starting point - Main Building A, Rectorate

#### Monday, 4<sup>th</sup> 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**

**Prof. dr. Florin STĂNICĂ**, Vice-Rector, University of Agronomic Sciences and Veterinary Medicine of Bucharest, Convener

**Prof. dr. Sorin Mihai CÎMPEANU**, Rector, University of Agronomic Sciences and Veterinary Medicine of Bucharest

**Mr. Gigel PARASCHIV**, State Secretary, Ministry of Education

**Prof. dr. Ioan SÎRBU**, President of One Health Association Romania

**Mr. Mohamed KETATA**, Regional Director, Agence Universitaire de la Francophonie

**Eng. Anca TĂNĂSESCU**, Chair of Student Organizing committee, University of Agronomic Sciences and Veterinary Medicine of Bucharest

**10:30-13:00 Environment health and climate changes section – The impact of climate changes on rural development**

#### **Keynote Speakers**

**Assoc. Prof. dr. Irina Grebenisan - The connection between climate changes and indoor air quality**, Faculty of Land Reclamation and Environmental Engineering, USAMV Bucharest

**Lecturer dr. Tatiana Olinic - General aspects on the design of a municipal solid waste landfill in difficult geotechnical conditions: slope area and expansive clays**, Faculty of Land Reclamation and Environmental Engineering, USAMV Bucharest

#### **Working session**

**Kanuga BRITTNEY - One Health and Health Promotion**, Health Promotion Switzerland

**Bianca-Denisa CHEREJI - Valorisation of the sheep wool waste for the removal of heavy metals from the environment**, “Aurel Vlaicu” University of Arad, Faculty of Food Engineering

**Ionela-Alexandra ION - The synergy between climate change and circular economy**, USAMV Bucharest

**Claudia-Loredana DRAGOMIR - Review on the integration of microorganisms in the field of sustainable agriculture**, USAMV Bucharest

**Rivoningo UBISI - Symbiotic effectiveness and ecological adaptation of the commercial nitrogen fixing bacteria on underutilised bambara groundnut crop**, University of Mpumalanga, Mbombela, South Africa

**Diana-Isabela DUMITRU, Elena MITRĂNESCU, Geny-Ramiro SIMION - The poor health's environment influence on animal's and human's welfare**, USAMV Bucharest

**13:00 – 14:00 Lunch break**

**14:00 – 14:45 Environment health and climate changes section – The impact of climate changes on rural development**

***Working session***

**Zulakha RASHEED - Assesment & critical analysis of job Satisfaction level among administrative staff and faculty members of University of Gujrat, Punjab, Pakistan**, Chulalongkorn University, Thailand

**Zulakha RASHEED - Assessment of the Microplastic Leakage from the Textile Industry Wastewater Treatment Plant into the Urban Canals of Thailand**, Chulalongkorn University, Thailand

**Alexandru Manolache - The link between microplastic pollution and climate change: a minireview**, USAMV Bucharest

**14:45 – 16:30 Sustainable plant production section**

***Working session***

**Ana Maria TOMESCU - Preliminary results in research on vermicomposting of horticultural waste from orchards**, USAMV Bucharest

**Marcel Yévèdo ADOKO - Use of biofertilizer based on PGPR in farmer environment in benin for sustainable agriculture: effect on growth, yield and nutritional status of maize**, Faculté des Sciences et Technique, Université d'Abomey-Calavi, Cotonou Bénin

**Clara SURUGIU (SORESCU) - Research on the influence of biostimulators Daymsa on productivity and fruit quality in some peach and nectarine varieties**, USAMV Bucharest

**Anuj NEHRA - Substrate-free untagged detection of miR393a using an ultrasensitive electrochemical biosensor**, Centre for Bio-Nanotechnology, and Department of Nematology, College of Agriculture, Chaudhary Charan Singh Haryana Agricultural University, Hisar, India

**Emilia MOISESCU - The fig tree (*Ficus carica* L.) – an interesting plant for sustainable fruit production in Romania**, USAMV Bucharest

**Nicholus MNYAMBO- Protection of bambara groundnuts (*Vigna subterranea*) from root-knot nematodes: a climate smart approach**, University of Mpumalanga, Mbombela, South Africa

**Moses TIMANA- Potential use of environment-friendly *Maerua angolensis* extracts as alternative to synthetic nematicides in rural small-scale cassava production**, University of Mpumalanga, Mbombela, South Africa

**16:30 – 17:00 Coffee break**

**17:00 –19:00 Christmas carols, customs and traditions**, Aula Magna „Petre S. Aurelian” Building A, Rectorate

**19:00 Romanian Traditional Dinner in Rectorate building**

Tuesday, 5<sup>th</sup> of December

09:00 – 09:30 Prof. dr. Maria STOIAN, ANTREC Romania, promoter of rural, ecological and cultural tourism - innovative drivers in OneHealth , USAMV Bucharest

09.30-12:45 Sustainable plant production section

**Keynote Speakers**

Prof. dr. Rumen TOMOV\*, CS III dr. Roxana CICEOI\*\* - Chemical pesticide-free horticulture in service of future generations, \*University of Forestry, Sofia, Bulgaria, \*\*Research Center for Studies of Food Quality and Agricultural Products, USAMV Bucharest

**Working session**

Kanchan KARKI - Microsatellite analysis in chloroplast genome specific psba gene of *Actinidia deliciosa*, Uttarakhand Council for Biotechnology, Biotech Bhawan, Haldi, Uttarakhand, India

10.30 – 11.00 Coffee break

**Working session**

Quthama AL-ZAIDI - Comparison of classical and qPCR methods in the detection of *Botrytis cinerea* in raspberries, Iraq

Elisephane IRANKUNDA - Potential source identification of NO<sub>2</sub> and comparison between modelling results and in-situ monitoring data: Case Study Street Road Networks (SRN) of Kigali City, Rwanda, Babeş-Bolyai University Cluj-Napoca, Romania

Thobile MKHWANAZI - Breaking seed dormancy in cancer bush (*Sutherlandia frutescens*) seeds: a major hindrance to production, University of Mpumalanga, Mbombela, South Africa

Olaréwadjou AMOGOU - Characterization of plant growth-promoting rhizobacterial associated with maize plant in Benin for their ability to resist abiotic stresses and its potential as a bioinoculant for agriculture, Faculté des Sciences et Techniques, Université d'Abomey-Calavi, Benin

Komi Lucien DOMEDJUI - Molecular characterization by PCR-RFLP of fungal pathogens isolated from cashew (*Anacardium occidentale* L.) mycoses in Togo, Faculty of Sciences, Laboratory of Botany and Plant Ecology, University of Lome, Togo

Amidou S. OUILI - Potential for aflatoxin B1 production by *Aspergillus flavus* strains isolated from Bambara groundnut seeds produced in Burkina Faso, Laboratoire de Microbiologie et de Biotechnologies Microbiennes, Université Joseph KI-ZERBO, Burkina Faso

Gabriela Elena STAN - Valorization of sweet potato (*Ipomoea batatas* (L.) Lam) and customers' perception on some innovative products, USAMV Bucharest

12.45 – 13.45 Lunch break

**13:45 - 16:15 – Animal welfare section**

**Keynote Speakers**

**DVM Ph.D Laurențiu TUDOR - The tripartite OneHealth concept, Faculty of Veterinary Medicine, USAMV Bucharest**

**Asist. Phd student Danut Nicolae ENEA - Study on the dairy cow's welfare in Southern Romania farms, Faculty of Animal Productions Engineering and Management, USAMV Bucharest**

**Working session**

**Andreea Ionela ZINCA - Influence on natural antioxidants from plants on bio productive parameters and oxidative stability of eggs, USAMV Bucharest**

**A. Gilchrist L. BOLY - Animal health through plants: Phytochemistry and anthelmintic properties of trunk bark of *Acacia nilotica var adansonii* (Guill et Perr) O Ktze (MIMOSACEAE), Institut de Recherche en Sciences de la Santé (IRSS/CNRST), Ouaga, Burkina Faso**

**Gurtej SINGH - Veterinary Public Health: Ushering Global One Health, BVSc & AH Internee, Rajasthan University of Veterinary and Animal Sciences, Bikaner, India**

**Iman M.M. MALHAM - Evaluation of the beneficial effects of biogenic silver nanoparticles in the treatment of caprine mastitis caused by *Staphylococcus aureus*, Department of Pathology-College of Veterinary Medicine-University of Baghdad, Iraq**

**Sundus J.K. KHALTI - Silver nanoparticles' antibacterial efficacy against *Aeromonas hydrophila* isolates obtained from infected freshwater fish, Department of Pathology-College of Veterinary Medicine-University of Baghdad, Iraq**

**Mortazavi MOHAMMAD - Cultivation possibility of *Spirulina platensis* algae in Persian Gulf water, University of Tehran, Iran**

**19:00 – Conference Gala dinner – Ceres Restaurant, Agronomy-Herăstrău campus**

**Wednesday, 6<sup>th</sup> of December**

**09.00-09:30 - Sustainable plant production section**

**Keynote Speakers**

**Dr. Arzu AYDAR - Reduction of plant protection products contamination in water resources in terms of sprayers, Plant Protection Central Research Institute, Turkey**

**09.30 – 12.30 - Landscape, Green Areas, and Forest for Healthy Life (Resilience of the Urban landscape – ecological approaches)**

**Keynote Speakers**

**Assoc. Prof. dr. Svetlana ANISIMOVA - The potential health risks from plants in the urban green infrastructure, Department of Landscape Architecture, University of Forestry, Sofia, Bulgaria**

**Assoc. Prof. dr. Ioana TUDORA\*, PhD student Alex AXINTE\*\* - Communal Spaces, Gardening and the social role of informal gardens during the Pandemic. Drumul Taberei - a study case, \*Landscape, Biodiversity and Ornamental Horticulture department, Faculty of Horticulture, USAMV Bucharest, \*\*Sheffield School of Architecture, University of Sheffield**

**10.30 – 11.00 Coffee break**

**Working session**

**Silvia-Cristiana GHIȚĂ - Sustainable development of urban green areas – case study Giulești district, Bucharest, USAMV Bucharest**

**Katerina BRIND-WINNEN, Alexandra MIHALE, Daniela SELEA - Integrating biodiversity in urban planning for healthy public spaces, USAMV Bucharest**

**Ana VIȚA - Tree inventory database for sustainable landscape management. The case of USAMV Bucharest campus, USAMV Bucharest**

**David-Christian GOGOREANU, Alexandru RĂBÎIA, Bica PANȚURU - Interconnecting public spaces systems in Drumul Taberei for a more healthy and social life, USAMV Bucharest**

**Valentine PARCHELOYSKI - Landscaping the artificial shores of water bodies in an urban environment through modular constructions with vegetation, University of Forestry, Sofia, Bulgaria**

**12.30 – 13.30 Lunch break**

**13.30 – 15.15 - Healthy food and nutrition section**

**Keynote Speakers**

**Dr. eng Nastasia BELC - OneHealth as a promoter of a sustainable food system, National Research and Development Institute for Food Bioresources – IBA Bucharest, Romania**

**Working session**

**Souleymane SOUMAHORO - Isolation and molecular characterization of yeasts from mango in the North of Ivory Coast and selection of potential starters for ethanoic fermentation, Universite PELEFERO GON Coulibaly de Korhogo, Côte d'Ivoire**

**Wilfried YAO - Impact of lactic acid fermentation on the nutritional potential and anti-nutritional factors of two widely consumed pulses (*Vigna unguiculata* and *Vigna subterranea*) flours in Côte d'Ivoire, Laboratory of Biotechnology, Agriculture and Valorization of Biological Resources, Faculty of Biosciences, Félix Houphouët-Boigny University, Abidjan, Côte d'Ivoire**

**Rareș Cosmin PÂNDARU - Biochemistry of jujube fruit (*Ziziphus jujuba* Mill.) from analyzes to compounds, USAMV Bucharest**

**Souleymane SOUMAHORO - Morphological and physicochemical parameters of three mango (*Mangifera indica* L.) varieties exported in North of Ivory Coast, Universite Pelefero Gon Coulibaly de Korhogo, Côte d'Ivoire**

**Andrei Florin TABACU - Ripening and postripening of asimina (*Asimina triloba* L. Dunal) fruits, USAMV Bucharest**

**15.15 – 15.30 – Conference closure**

**Thursday, 7-9<sup>th</sup> of December**

**Post Symposium tours (including The caravan of Hospitality) – Pietroasa Viticulture and Wine processing Research Station; Excursion in Carpathian Mountains (1 - 3 days)**