



















The 5<sup>th</sup> International Conference on Agriculture and Life Sciences of Albania 2030

"Innovating today for Albania's European Tomorrow"

# **PROGRAM**

3 - 5 November 2025 Agricultural University of Tirana, Kodër-Kamëz, Tirana



















## The 5<sup>th</sup> International Conference on Agriculture and Life Sciences **of Albania 2030**

### **PROGRAM**

### Agricultural University of Tirana, Kodër-Kamëz, Tirana **3-5 November 2025**

| Day 1           | 3 November 2025   |
|-----------------|---|
| 09:30 - 10:00   | FEA building – Conference Room "Behar Male" Registration of participants  |
| 10:00 - 11:00   | Welcoming and official address  |
|                 | Prof. Fatbardh Sallaku, Rector of Agricultural University of Tirana   |
|                 | Prof. Gjokë Uldedaj, Rector of "Qiriazi" University College   |
|                 | Prof. Skënder Gjinushi, Chairman of the Academy of Sciences   |
|                 | H.E. Mr. Karl Bergner, Ambassador of the Federal Republic of Germany  |
|                 | H.E. Mrs. Monika Zach, Ambassador of the Republic of Austria  Mr. Andis Salla, Minister of Agriculture and Rural Development  |
|                 | H.E. Edi Rama, Prime Minister of the Republic of Albania  |
| Day 1 - Block 1 | Plenary Session: Transforming Life Sciences for EU Integration: Food Safety,  |
| 11:00 - 13:00   | One Health and Education Reform – (Moderator: Prof. Endrit Kullaj)  |
| 11:00 – 11:20   | Shaping the Future of Life Sciences in Albania: Research, Teaching, and the Challenges Facing Higher Education – <i>Prof. Hubert Hasenauer, BOKU, AUSTRIA</i>   |
| 11:20 – 11:40   | Albania 2030: Food Safety, Academic Engagement, and the EU Accession Challenge – <i>Prof. Erinda Lika, AUT, ALBANIA</i>   |
| 11:40 – 12:00   | Building Albania's Agricultural Future: Chapter 12 Through German Expertise and Partnership – <i>Dr. Eberhard Haunhorst, Head of Department 3 of the Federal Ministry of Agriculture, Food and Regional Identity, GERMANY</i> . |
| 12:00 – 12:20   | Reimagining Biomedical Engineering Education for Global Challenges of Our Time – <i>Prof. Muhammad Zaman, Boston University, USA</i>  |
| 12:20 - 12:40   | A One Health approach to managing animal and public health challenges – <i>Prof. Gerald Barry, University College Dublin, IRELAND</i>   |
| 12:40 - 13:00   | Open discussion: speakers will answer questions from participants and the moderator   |
| 13:00 - 14:00   | Lunch break   |



| Day 1 - Block 2<br>14:00 - 17:30                | Plenary Session 2 – Integrated Animal Science and Food Systems: Water,<br>Health and Societal Futures 'Room B101' (Moderator: Prof. Erinda Lika)  |  |
|---|---|--|
| 14:00 - 14:20                                   | Building a Water Quality and Health Program: From the Watershed to the Sewer – <i>Prof. Joan B. Rose, Michigan State University, USA</i>  |  |
| 14:20 - 14:40                                   | Towards Water Framework Directive-Compliant Water Quality - Monitoring in Albania – <i>Prof.</i> Guenter Langergraber, BOKU, AUSTRIA  |  |
| 14:40 - 15:00                                   | Understanding societal readiness for gene-edited food crops: insights from Thailand – <i>Prof. Lindsay C. Stringer, University of York, UK</i>  |  |
| 15:00 - 15:20                                   | Lab-Grown Meat: a sustainable solution for tomorrow's table? – <i>Prof. Giuseppe Maiorano, University of Molise, ITALY</i>  |  |
| 15:20 - 15:40                                   | AMORE-AL research project in the context of the EU Water Legislation – <i>Prof. Thomas Ertl, BOKU, AUSTRIA</i>  |  |
| 15:40 - 16:00                                   | Coffee Break  |  |
| 16:00 - 16:20                                   | Large Animal as Model of Translational Medicine — <i>Prof. Antonio Crovace, University of Bari 'Aldo Moro', ITALY</i>   |  |
| 16:20 - 16:40                                   | Implementing feed-dairy food safety concepts in Albania: experiences from READ project - <i>Prof. Qëndrim Zebeli, University of Veterinary Medicine, AUSTRIA</i>  |  |
| 16:40 - 17:00                                   | What Is Rural, What Is Urban—Again?: Albania's First Post-2014 DEGURBA Classification and the Rise of Very-Low-Density Areas – <i>Prof. Fatmir Guri, deputy Minister of Agriculture and Rural Development, ALBANIA</i>  |  |
| 17:00 – 17:30                                   | Open discussion: speakers will answer questions from participants and the moderator   |  |
| Day 2   | 4 November 2025   |  |
|   |   |  |
|   | Plenary Session: Transforming Agriculture Through Data: Remote Sensing, Smart Irrigation and Digital Solutions (Room 'B101 FEA) (Moderators: Prof. Ilir Kapaj, Ms. Lorena Pullumbi)   |  |
| 09:00 – 09:20                                   | Smart Irrigation and Digital Solutions (Room 'B101 FEA)   |  |
| 09:00 - 09:20<br>09:20 - 09:40                  | Smart Irrigation and Digital Solutions (Room 'B101 FEA) (Moderators: Prof. Ilir Kapaj, Ms. Lorena Pullumbi)  How the EU Integration Process Can Transform Land Governance and Agricultural Policy   |  |
|   | Smart Irrigation and Digital Solutions (Room 'B101 FEA) (Moderators: Prof. Ilir Kapaj, Ms. Lorena Pullumbi)  How the EU Integration Process Can Transform Land Governance and Agricultural Policy in Albania – Prof. Daniel Müller, Humboldt-Universität zu Berlin, GERMANY  When AI Meets IoT: A Novel Enhanced industrial scale IoT Wireless Sensor Network for   |  |
| 09:20 – 09:40                                   | Smart Irrigation and Digital Solutions (Room 'B101 FEA) (Moderators: Prof. Ilir Kapaj, Ms. Lorena Pullumbi)  How the EU Integration Process Can Transform Land Governance and Agricultural Policy in Albania – Prof. Daniel Müller, Humboldt-Universität zu Berlin, GERMANY  When AI Meets IoT: A Novel Enhanced industrial scale IoT Wireless Sensor Network for Potato Stores – Prof. Edmond Nurellari, University of Lincoln, UK  Developing digital tools for smallholder farmers: addressing challenges, designing   |  |
| 09:20 - 09:40<br>09:40 - 10:00                  | Smart Irrigation and Digital Solutions (Room 'B101 FEA) (Moderators: Prof. Ilir Kapaj, Ms. Lorena Pullumbi)  How the EU Integration Process Can Transform Land Governance and Agricultural Policy in Albania – Prof. Daniel Müller, Humboldt-Universität zu Berlin, GERMANY  When AI Meets IoT: A Novel Enhanced industrial scale IoT Wireless Sensor Network for Potato Stores – Prof. Edmond Nurellari, University of Lincoln, UK  Developing digital tools for smallholder farmers: addressing challenges, designing solutions – Prof. Luuk Fleskens, Wageningen University, THE NETHERLANDS  Using Physiological Parameters and Sensing Technologies to Monitor Water Status in   |  |
| 09:20 - 09:40<br>09:40 - 10:00<br>10:00 - 10:20 | Smart Irrigation and Digital Solutions (Room 'B101 FEA) (Moderators: Prof. Ilir Kapaj, Ms. Lorena Pullumbi)  How the EU Integration Process Can Transform Land Governance and Agricultural Policy in Albania – Prof. Daniel Müller, Humboldt-Universität zu Berlin, GERMANY  When AI Meets IoT: A Novel Enhanced industrial scale IoT Wireless Sensor Network for Potato Stores – Prof. Edmond Nurellari, University of Lincoln, UK  Developing digital tools for smallholder farmers: addressing challenges, designing solutions – Prof. Luuk Fleskens, Wageningen University, THE NETHERLANDS  Using Physiological Parameters and Sensing Technologies to Monitor Water Status in Fruit Trees – Prof. Endrit Kullaj, AUT, ALBANIA  Remote Sensing for Agriculture (RS4Ag) Development - from research to decision |  |



| Day 2 –Timing | 5 Parallel Scientific Sessions  |  |  |
|---------------|---|--|--|
| 44.00 40.00   | Session 1: Agricultural Sciences and Smart Production Technologies (Room  |  |  |
| 11:00 – 13:00 | B101 FEA Building) (Chair: Prof. Lindsey Stringer, Prof. Evan Rroço)  |  |  |
| 11:00 – 11:15 | <ul> <li>Nitrogen supply for improvement of cereals growth under drought — PhD         Cand. Moltine Prebibaj*, R. Neugschwandtner, F. Sallaku, E. Rroço, HP. Kaul. *Dep. of Agronomic Sciences, Faculty of Agriculture and Environment, AUT     </li> </ul>  |  |  |
| 11:15 – 11:30 | <ul> <li>Collecting weed seeds during threshing in organic farming – PhD Cand. Taulant</li> <li>Shabani*, Rainer Waldhardt.</li> <li>*Justus Liebig University Giessen, Institute of Landscape Ecology and Resource Management</li> <li>Research Center for Biosystems</li> </ul>   |  |  |
| 11:30 – 11:45 | <ul> <li>Revitalising native plant genetic resources for sustainable agritourism and rural development in Albania – <i>Prof.</i> Valbona Hobdari*, I. Lazega, S. Kotelli, Z. Gjeta, N. Lila, H. Kuçi</li> <li>*Institute of Plant Genetic Resources, AUT</li> </ul>   |  |  |
| 11:45 – 12:00 | <ul> <li>Biotic stress management in Calendula officinalis L.: a review of conventional and biological control strategies – PhD Cand. Emi Panariti*, Sh. Shahini, D. Shëngjergji, E. Kaloshi, E. Shahini         *Dep. of Plant Protection, Faculty of Agriculture and Environment, AUT</li> </ul>  |  |  |
| 12:00 – 12:15 | <ul> <li>Selection of virus-free plant material from Albanian local vineyards (Shesh i Zi &amp; Shesh i Bardhë) as a functional step in certification – Prof. Adriatik Çakalli*, E. Kongjika, F. Çarka, H. Kokiçi, A. Ramaj, E. Papakosta, M. Cara</li> <li>*Institute of Plant Genetic Resources, AUT</li> </ul>   |  |  |
| 12:15 – 12:30 | <ul> <li>Influence of climatic temperature variability on the development of biology of Scaphoideus titanus in Kosovo – PhD Cand. Gazmend Gjinovci*, A. Ramadhi, B. Xhemali, B. Bresilla, Sh. Shahini         *Dep. of Plant Protection, Faculty of Agriculture and Environment, AUT</li> <li>Land use and land cover change detection in Tirana Municipality (2000–2024) using remote sensing and GIS – PhD Cand. Olsid Mema*, B. Islamaj, M. Hofmann, D. Müller, F. Sallaku         *Dep. of Agronomic Sciences, Faculty of Agriculture and Environment, AUT</li> <li>First-year bioassay results on the synergistic effects of citrus essential oil and pyriproxyfen in managing resistant whitefly populations under greenhouse conditions in Albania. – PhD Cand. Marko Kolaci*, Ajten Bërxolli</li> <li>*Dep. of Plant Protection, Faculty of Agriculture and Environment, AUT</li> </ul> |  |  |
| 12:30 – 12:45 |   |  |  |
| 12:45 – 13:00 |   |  |  |
| 11:00 – 13:00 | Session 2: Rural Development Policies and Agribusiness Management Strategies (Room 'Qiriazi' University College) (Chair: Prof.Dr. Remzi Keco, Dr. Ali Shingjergji)  |  |  |
| 11:00 – 11:15 | <ul> <li>Beyond quantitative indicators: mapping and visualising risk in apple farms in the Korçë Region – Prof. Arif Murrja*, G. Çera, Xh. Dedndreaj</li> <li>*Dep. of Agribusiness Management, Faculty of Economy and Agribusiness, AUT</li> </ul>  |  |  |
| 11:15 – 11:30 | <ul> <li>Fiscal policy and business relations with the fiscal administration - some considerations on the influential factors and reduction of fiscal evasion - Prof. Halit Xhafa*, A.</li> <li>Binaj</li> <li>* Faculty of Economy, Qiriazi University College</li> </ul>  |  |  |
| 11:30 – 11:45 | <ul> <li>Bridging green leadership and well-being: unveiling multidimensional pathways to sustainable development – PhD Cand. Afrim Osmani Dep. of Management, Luarasi University</li> </ul>  |  |  |
| 11:45 – 12:00 | <ul> <li>Valuing environmental amenities in Lake Ohrid: linear vs. semi-Log hedonic pricing models – *PhD Cand. Engjëllushe Icka, E. Skreli, A. Boshnjaku</li> <li>Dept. of Economics and Rural Development Policies, Faculty of Economics and Agribusiness, AUT</li> </ul>   |  |  |
| 12:00 – 12:15 | <ul> <li>Building resilience to desertification through agricultural innovation and community engagement – Dr. Thomas P. Timberlake, L.C. Stringer</li> <li>*Dep. of Environment and Geography, University of York, UK</li> </ul>   |  |  |



| 12:15 – 12:30 | The impact of IFRS adoption to the quality of financial reporting in Albania  On the impact of IFRS adoption to the quality of financial reporting in Albania |
|---------------|---|
| 12.13 12.30   | – <i>Prof.</i> <b>Albana Gjoni*</b> , A. Mlouk  |
|               | *Department of Finance and Accounting, Agricultural University of Tirana.   |
| 12:30 – 12:45 | NUTRIR - Technological Centre for Agri-Food Sustainability, a strategic initiative for rural  |
|               | areas development – <i>Dr.</i> <b>Marta Vilas Boas*</b> , J.P. Marques, N. Vieira e Brito   |
|               | *CISAS, Escola Superior Agrária, Instituto Politécnico de Viana do Castelo, Portugal  |
|               | – The impact of socio-demographics on e-fiscalization compliance: who, how, and why? –  |
| 12:45 – 13:00 | PhD Cand. <b>Denisa Cani*</b> , E. Arabska, D. Kolaj, R. Kolaj  |
|               | *Department of Finance, Qiriazi University College, Tirana, Albania   |
|               | Session 3: Environmental Sciences and Natural Resources, Forests and Ecosystem  |
| 11:00 - 13:00 | Management (Room 'Lucë Agraja')   |
|               | (Chair: Joan Rose, Prof. Seit Shallari)   |
|               | <ul> <li>In situ partitioning of selected antibiotics in the water-sediment system: effect of pH-</li> </ul>  |
| 11:00 - 11:15 | PhD Cand. Aleksandër Peqini*, B.J. Heyde, F. Brahushi, R. Düring  |
|               | *Dep. of Agronomic Sciences, Faculty of Agriculture and Environment, AUT  |
|               | <ul> <li>Are treatment wetlands a suitable wastewater treatment technology for Albania? – Prof.</li> </ul>  |
| 11:15 – 11:30 | Guenter Langergraber  |
|               | BOKU University, Institute of Sanitary Engineering and Water Pollution Control, Austria   |
|               | Nitrogen surplus in the Ishëm river basin: quantifying agriculture's contribution at  |
|               | analytical-unit scale – <i>PhD Cand.</i> <b>Xhuljo Sema*</b> , F. Huqi, V. Bakillari, E. Skura, F. Sallaku,   |
| 11:30 - 11:45 | S. Shallari, I. Kristo  |
|               | *Dep. of Environment and Natural Resource Management, Faculty of Agriculture and  |
|               | Environment, AUT  |
|               | <ul> <li>Assessment of total phosphorus emissions in the Ishem river basin through the MoRE</li> </ul>  |
|               | model – <i>PhD Cand.</i> <b>Fatos Huqi*</b> , V. Bakillari, Xh. Sema, E. Skura, S. Shallari, I. Kristo, F.  |
| 11:45 – 12:00 | Sallaku   |
|               |   |
|               | *Dep. of Environment and Natural Resource Management, Faculty of Agriculture and Environment, AUT   |
|               | Vegetated earth berms as biofilters for traffic-related air pollutants — PhD  |
| 12:00 - 12:15 | Cand. Adam Nawrocki   |
|               | Centre for Climate Research, Warsaw University of Life Sciences, Poland   |
|               | Effect of uniform shelter-wood cutting method on forest regeneration in beech (Fagus  |
| 12:15 – 12:30 | sylvatica L.) virgin forests in Albania. – <i>Prof.</i> Vath Tabaku, E. Toromani, L. Peri   |
|               | *Department of Forestry, Faculty of Forestry Science, AUT   |
| 12.20 12.45   | The Western Balkans Climate Data Viewer – PhD. Max Hofmann*, D. Müller  The Western Balkans Climate Data Viewer – PhD. Max Hofmann*, D. Müller                |
| 12:30 – 12:45 | *Leibniz Institute of Agricultural Development in Transition Economies  |
|               | Integrating UAV-based remote sensing and GIS for precision agroforestry management –  |
| 12:45 – 13:00 | Prof. Sonila Sinjari*, O. Pupi  |
|               | *Dep. of Geography, Faculty of History and Philosophy, University of Tirana   |
|               |   |
| 11:00 - 13:00 | Session 4: Animal Health (Room 'B114', FEA)   |
|               | (Chair: Prof. Gerald Barry, Prof. Rezart Postoli)   |
|               | <ul> <li>Formation of passive specific immunity in young infants by administration of serum –</li> </ul>  |
| 11:00 – 11:15 | <b>Zura Yessimsiitova*</b> , D. Khussainov, Z. Lessova, I.Y. Tissen, A. Kaya, A. Sansyzbay, M.  |
| 11.00 - 11.13 | Berdikulov, A. Yernazarova  |
|               | *Scientific Production Technical Center "Zhalyn", Almaty, Kazakhstan  |
|               | *Kazakh National University, Al-Farabi, Almaty, Kazakhstan  |
| 11:15 – 11:30 | – Seroprevalence of <i>Theileria equi</i> in equids in Albania – <i>PhD Cand</i> . K. Morava, I. Dova, Dh.  |
| 11.13 - 11.30 | Rapti, K. Çela, Xh. Koleci, <i>Prof.</i> Rezart Postoli*  |
|               | Dep. of Clinical Subjects, Faculty of Veterinary Medicine, AUT  |
|               | Evaluation of mineral–vitamin supplementation and post-milking teat disinfection on   |
| 11:30 – 11:45 | subclinical mastitis under practical dairy farm conditions in Albania – <i>Prof.</i> <b>Xhelil</b>  |
|               | Koleci*, R. Meçaj, I. Ajdini, R. Maçi, E. Rrapaj, B. Haskaj, M. Tafaj   |
|               | Dep. of Veterinary Public Health, Faculty of Veterinary Medicine, AUT   |



|               | Seasonal differences in on-farm welfare assessment of Albanian dairy goats using   |
|---------------|--|
| 11:45 – 12:00 | animal-based parameters – <i>Prof.</i> <b>Sokol Duro*</b> , C. Leeb, E. Lika, A. Kelo, N. Nöllenburg, J.   |
|               | Avdi, R. Koto,   |
|               | *Dep. of Morphofunctional Modules, Faculty of Veterinary Medicine, AUT   |
|               | <ul> <li>Serological evidence of caprine Arthritis Encephalitis Virus (CAEV) in goats from the</li> </ul>  |
| 12:00 – 12:15 | Elbasan region, Albania – PhD Cand. Brixhilda Qyra*, D. Beqiraj, M. Sulçe, E. Ozuni, A.  |
| 12.00 12.13   | Munga, P. Zalla, Xh. Koleci, E. Andoni, G. Muça, V. Zela   |
|               | Dep. of Morphofunctional Modules, Faculty of Veterinary Medicine, AUT  |
| 12:15 – 12:30 | Macroscopic evaluation of cardiopulmonary lesions in slaughtered cattle and sheep in   |
|               | Tirana – <i>Prof.</i> <b>Eglantina Xhemollari*</b> , K. Dervishi, K. Haka  |
|               | *Dep. of Preclinical Modules, Faculty of Veterinary Medicine, AUT  |
| 12:30 - 12:45 | Titanium and polycaprolactone scaffolds for osteochondral regeneration: a CT study in  |
|               | sheep – <i>PhD Cand.</i> <b>Taulant Goga*</b> , E. Lika, A. Crovace, B. Goxha, L. Lacitignola, F.  |
|               | Staffieri, A. Maria Crovace  |
|               | Dep. of Preclinical Modules, Faculty of Veterinary Medicine, AUT   |
| 12:45 – 13:00 | Seasonal dynamics of Shiga toxin-producing Escherichia coli (STEC) isolation from the  |
|               | recto-anal mucosa of slaughtered sheep using selective media - <i>Nertila Dini</i> , B. Dhami et   |
|               | al.  |
|               | Faculty of Veterinary Medicine, AUT  |
| 44.00 40.00   | Session 5: Food Safety, Biotechnology and Nutrition Science  |
| 11:00 – 13:00 | (Room 'B215' FEA) (Chair: Prof.Dr. Renata Kongoli, Prof. Kapllan Sulaj)  |
|               | Comparative analysis of alcoholic and non-alcoholic beers: physicochemical   |
|               |  |
| 11:00 – 11:15 | characteristics, phenolic content and antioxidant capacity – <i>Prof.</i> <b>Panagiotis Kandylis</b> , D.  |
|               | Dimitrellou  |
|               | *Dep. of Food Science and Technology, Ionian University, Greece  |
| 11:15 – 11:30 | Oxidative stability of minced beef treated with pomegranate peel ( <i>Punica granatum</i> L.)      Oxidative stability of minced beef treated with pomegranate peel ( <i>Punica granatum</i> L.)   |
|               | extract – PhD Cand. Arita Sabriu Haxhijaha*, Nj. Luta Idrizi, L. Shabani   |
|               | Faculty of Technological Sciences, "Mother Teresa" University -Skopje, N. Macedonia  |
| 11:30 – 11:45 | EU Integration and Albanian agriculture and agro-processing: standards, investments,  and street sign at house.  AGG Foresand de Belles hat 5. Hanks   |
| 11.00 11.10   | and strategic pathways – MSc. Esmeralda Ballesha*, F. Hoxha  |
|               | *EIT Food RIS Policy Council Member – Albania  |
| 11:45 – 12:00 | Acrylamide in food: challenges for industry across different countries and implications  [   |
| 11.15 12.00   | for food safety – <i>Prof.</i> <b>Alketa Shehaj</b> , A. Morina, F. Hoxha, K. Sulaj, E. Haruni   |
|               | Dep. of Agri-food Technology, Faculty of Biotechnology and Food, AUT   |
|               | Natural organic matter in drinking water: levels, variability and implications for water      Natural organic matter in drinking water: levels, variability and implications for water   |
| 12:00 – 12:15 | safety – <i>PhD Cand</i> . <b>Shkëlqime Poga,</b> E. Mamoçi, D. Mema   |
|               | Dep. of Assessment and Treatment of Risks in Public Health, Institute of Public Health,  |
|               | Albania  |
| 12:15 – 12:30 | Alternative proteins from filamentous fungi: a pathway to sustainable food systems –  One filamentous * M. L. Tabarradah  One filamen      |
| 12.13 12.30   | Prof. Luziana Hoxha*, M.J. Taherzadeh  |
|               | *Center for Food Research, Faculty of Biotechnology and Food, AUT  |
|               | Effects of sequential fermentation with <i>Metschnikowia pulcherrima</i> and <i>Saccharomyces</i> Society of American mole beautiful and American mole and |
| 12:30 – 12:45 | cerevisiae S-04 on the aroma profile of American pale beer style – PhD Cand. Julian  |
| 12.30 - 12.43 | Karaulli*, N. Xhaferaj, B. Testa, F. Letizia, O. Kyçyk, M. Ruci, R. Kongoli, F. Lamçe, I.  |
|               | Lloha, K. Sulaj, M. Iorizzo.   |
|               | *Faculty of Biotechnology and Food, Food Research Center, AUT  |
|               | Influence of sensory attributes and volatile compounds in Kallmet wine produced with   |
| 12:45 – 13:00 | sequential fermentation – <i>PhD Cand</i> . <b>Mamica Ruci*</b> , R. Kongoli, M. Iorizzo, B. Testa, A.   |
|               | Abdyl, J. Karaulli, F. Lamçe, O. Kyçyk   |
|               | *Faculty of Biotechnology and Food, Food Research Center, AUT  |
| 13:00 - 14:00 | Lunch Break  |



| 14:00 – 15:00 | Poster Session – Presentation and Discussion of Posters   |  |
|---------------|---|--|
| 15:00 – 17:15 | Session 1: Agricultural Sciences and Smart Production Technologies (Room  |  |
| 15.00 – 17.15 | B101, FEA) (Chair: Prof. Antoaneta Gigova, Prof. Lirika Kupe)   |  |
| 15:00 – 15:15 | <ul> <li>Citizen-science powered biodiversity monitoring in the Western Balkans: bridging ecological data gaps for sustainable agriculture – Dr. Hysen Kokiçi*, E. Skura, F. Sallaku, S. Shallari, A. Çakalli, A. Ramaj, M. Hofmann, D. Mueller</li> <li>*Institute of Plant Genetic Resources, AUTO</li> </ul>                                   |  |
| 15:15 – 15:30 | <ul> <li>Advancing plant genetic Resources, AUTO</li> <li>Advancing plant pathogen diagnostics in Albania through nanopore sequencing –         <i>Prof.</i> Magdalena Cara*, S.S. Amoia, C.G. Orfanidou, A. Kola, O. Cara, T. Elbeaino.         *Dep. Plant Protection, Faculty of Agriculture and Environment, AUT</li> </ul>                   |  |
| 15:30 – 15:45 | <ul> <li>Optimising extraction strategies to enhance the phytochemical profile and bioactivity of Achillea millefolium for pharmaceutical and industrial applications – <i>PhD Cand</i>.</li> <li>Edlira Kaloshi*, L. Kupe, K. Shpati, M. Alikaj</li> <li>*Dep. of Agronomic Sciences, Faculty of Agriculture and Environment, AUT</li> </ul>     |  |
| 15:45 – 16:00 | <ul> <li>Third year results of the European eel (Anguilla anguilla) local stock and the silvering process, in the Karavasta lagoon – PhD Cand. Marko Kule, E. Hala, E. Kamberi</li> <li>*Dep. of Aquaculture and Fisheries, Faculty of Agriculture and Environment, AUT</li> </ul>  |  |
| 16:00 – 16:15 | <ul> <li>POME-Protect: Developing and implementing sustainable alternatives for the control of phytopathogenic fungi in Albanian apple – PhD Cand. Amedeo Kola*, A. Chikora *Dep. of Plant Protection, Faculty of Agriculture and Environment, AUT</li> </ul>   |  |
| 16:15 – 16:30 | <ul> <li>Crop diversification in Albania through evaluation of Nigella sativa L. accessions from the Western Regional plant introduction station (Washington, USA) – PhD Cand.</li> <li>Jonida Biturku*, E. Dodona, V. Hobdari, H. Kuçi and E. Kuçaj</li> <li>*Dep. of Agronomic Sciences, Faculty of Agriculture and Environment, AUT</li> </ul> |  |
| 16:30 – 16:45 | <ul> <li>Field performance and biochemical characterisation of 6 autochthonous chards (<i>Beta vulgaris</i> subsp. cicla) – <i>Prof.</i> <b>Zef Gjeta*</b>, B. Pepa, H. Kuçi, A. Ramaj</li> <li>*Institute of Plant Genetic Resources, AUT</li> </ul>   |  |
| 15:00 – 17:00 | Session 2: Rural Development, Agribusiness and Policy Innovation (Room Qiriazi University) (Chair: Prof. Ledia Thoma, Dr. hab. Anna Mazurek-Kusiak)   |  |
| 15:00 – 15:15 | <ul> <li>Determinants of market concentration in the Albanian banking system – an empirical analysis using the Herfindahl-Hirschman Index – Dr. Ali Shingjergji*, K. Bica, A. Kulli.</li> <li>*Department of Finance, Qiriazi University College, Tirana, Albania</li> </ul>  |  |
| 15:15 – 15:30 | <ul> <li>Local communities' willingness to accept trade-offs between conservation and development in Divjakë-Karavasta National Park, Albania – PhD Cand. Zenepe Dafku*, P. Chevalier, F. Guri, P. Le Grusse, A. Sela</li> <li>*Dep. Economy and Agrarian Policies, Faculty of Economy and Agribusiness, AUT</li> </ul>                           |  |
| 15:30 – 15:45 | <ul> <li>The evolution of agritourism development in Albania: a multi-stakeholder perspective</li> <li>Prof. Shpresim Domi, F. Domi</li> <li>*Dep. of Rural Tourism Management, Faculty of Economy and Agribusiness, AUT</li> </ul>   |  |
| 15:45 – 16:00 | <ul> <li>Thematic villages of Eastern Poland as an innovative rural tourism product – Dr hab.</li> <li>Anna Mazurek-Kusiak</li> <li>Dep. of Tourism and Recreation, University of Life Sciences in Lublin, Poland</li> </ul>  |  |
| 16:00 – 16:15 | <ul> <li>Youth employment challenges in Albania's rural regions: socioeconomic determinants and policy perspectives – PhD Cand. Leons Hasani*, R. Keco</li> <li>* Faculty of Economy and Agribusiness, Agricultural University of Tirana</li> </ul>   |  |
| 16:15 – 16:30 | <ul> <li>Smart Tourism: the impact of Artificial Intelligence and Blockchain, a literature review</li> <li>Dr. Blerta Leka (Moçka)*, A. Kambo, Xh. Dulja</li> <li>*Dep. of Mathematics and Informatics, Faculty of Economics and Agribusiness, AUT</li> </ul>   |  |
| 16:30 – 16:45 | <ul> <li>Strengthening the agribusiness sector: the strategic role of value chains</li> <li>Dr. Chrysanthi Balomenou</li> <li>Epoka University</li> </ul>   |  |



| _             |   |  |
|---------------|---|--|
|               | Multidimensional Well-being in Rural Areas During Times of Transition: A Descriptive                                    |  |
| 16:45 – 17:00 | Glance at Four Southeast European Countries – PhD(c). Johnson   |  |
| 16:45 – 17:00 | Kansiime*, A. Jantsch, A. Arapi-Gjini, A. Shala, E. Zhllima   |  |
|               | *The Leibniz Institute of Agricultural Development in Transition Economies (IAMO), Halle                                |  |
|               | (Saale), Germany  |  |
| 15:00 – 17:15 | Session 3: Environmental Sciences and Natural Resources, Forests and Ecosystem  |  |
|               | Management (Room 'Lucë Agraja')   |  |
|               | (Chair: Prof. Guenter Langergraber, Prof. Elvin Toromani)   |  |
| 15.00 15.15   | Temporal dynamics of nickel immobilisation by nano-montmorillonite in serpentine  |  |
| 15:00 – 15:15 | soils – PhD Cand. <b>Teuta Bushi</b> , A. Bani, E. Sallaku (Sheqeri), F. Ottner   |  |
|               | *Dep. of Environment and Natural Resource Management, Faculty of Agriculture and Environment, AUT                       |  |
|               | Blue carbon in Albanian coastal wetlands: a synthesis of sequestration potential and                                    |  |
| 15:15 – 15:30 | management perspectives – <i>PhD Cand.</i> <b>Adri Erebara*</b> , A. Kopali   |  |
| 13.13 13.30   | *Dep. of Environment and Natural Resource Management, Faculty of Agriculture and  |  |
|               | Environment, AUT  |  |
|               | The Asian Chestnut Gall Wasp and its Biocontrol in Albania  |  |
| 15:30 – 15:45 | Dr. Agim Pepkolaj*, R. Metaliaj, Sh. Sathyapala, K. İpekdal   |  |
|               | *FAO, Albania   |  |
|               | Comparative analysis of the species diversity structure in two habitats of the Divjake-                                 |  |
| 15:45 – 16:00 | Karavasta natural park – <i>PhD Cand.</i> <b>Enea Malaj*</b> , D. (Bode) Xhulaj   |  |
|               | *Dep. of Environment and Natural Resource Management, Faculty of Agriculture and  |  |
|               | Environment, AUT  |  |
|               | – The curious case of Adriatic sea fisheries – PhD Cand. Elvis Kamberi*, E. Hala, E.                                    |  |
| 16:00 – 16:15 | Tzanatos, C. Möllmann   |  |
|               | * Department of Aquaculture and Fishery, Faculty of Agriculture and Environment, Agricultural                           |  |
|               | University of Tirana, Albania   |  |
|               | The effect of heat treatment on compression strength of Pine ( <i>Pinus sylvestris</i> L.) –                            |  |
| 16:15 – 16:30 | <b>Holta Çota*</b> , E. Lato, D. Quku, H. Thoma, E. Kola,   |  |
|               | * Department of Wood Industry, Faculty of Forest Sciences, Agricultural University of Tirana,                           |  |
|               | <ul> <li>Albania</li> <li>Bridging theory and practice in landscape studio courses: insights from the linear</li> </ul> |  |
| 16:30 – 16:45 | garden project at the Agricultural University of Tirana – <i>PhD Cand.</i> <b>Silvi Jano*</b> , Gj.                     |  |
| 10.50 10.45   | Vuksani, Z. Tegja, D. Buza, E. Hasa, A. von Birgelen, G. Senes.   |  |
|               | *Dep. of Horticulture and Landscape Architecture, Faculty of Agriculture and Environment, AUT                           |  |
|               | <ul> <li>Policy gaps in benchmarking irrigation water use, Albanian case – PhD Cand. Mirgjana</li> </ul>                |  |
| 16:45 – 17:00 | Gjermizi*, U. Abazi, M. Gecaj   |  |
|               | *Dep. of Agronomic Sciences, Faculty of Agriculture and Environment, AUT  |  |
| 15:00 - 17:00 | Session 4: Veterinary and Public Health (Room 'B114/ FEA)   |  |
|               | (Chair: Prof. Qëndrim Zebeli, Prof. Myqerem Tafaj)  |  |
|               | <ul> <li>Milk quality parameters for early detection of subclinical mastitis under practical dairy</li> </ul>           |  |
| 15:00 – 15:15 | farm conditions across Albania – PhD Cand. Renis Maçi*, R. Meçaj, Xh.   |  |
| 20.00         | Koleci, J. Boçi, I. Ajdini, E. Rrapaj, B. Haskaj, M. Tafaj  |  |
|               | – *Institute of Food Safety and Veterinary, Tirana, Albania   |  |
|               | Relationship between nutrition and subclinical mastitis in holstein dairy farms across                                  |  |
| 15:15 – 15:30 | three regions of Albania – PhD Cand. Roland Mecaj*, F. Plaku, M. Sulçe, E. Sallaku, E.                                  |  |
|               | Delia, F. Brahushi, S. Shallari, M. Tafaj   |  |
|               | *Dep. of Animal Science, Faculty of Agriculture and Environment, AUT  |  |
|               | – Identification of virulence genes <i>Escherichia coli</i> producing extended-spectrum β-                              |  |
| 15:30 – 15:45 | Lactamases from Shkumbini river in Albania – PhD Cand. Florian Plaku*, I. Kusi, E.                                      |  |
|               | Lika, E. Dushku, E. Tsavea, V., C. Kotzamanidis,  |  |
|               | *Dep. of Clinical Subjects, Faculty of Veterinary Medicine, AUT   |  |
| 15:45 – 16:00 | Identification of antibodies to various subtypes of influenza a viruses in dairy cattle                                 |  |
| 15.45 - 10.00 | Dr. Liljana Lufo, V. Shtjefni   |  |
|               | Dep.of Preclinical Modules, Faculty of Veterinary Medicine, AUT   |  |



| 16:00 – 16:15   | Linking biosecurity and antimicrobial resistance in pour   | ltry farms in Albania – <i>Prof.</i> |
|---|--|--------------------------------------|
| 10.00 - 10.13   | Tana Kika, S. Cocoli, E. Lika, K. Mersini  | ALIT                                 |
|   | Dep. of Veterinary Public Health, Faculty of Veterinary Medi   |                                      |
|   | Study on selected infectious diseases in equids in Alba  Most Nile Virus, Equippe Infectious Apparis   Ph. Communication   Ph. |                                      |
| 16:15 – 16:30   | West Nile Virus, Equine Infectious Anemia) – PhD Can   | a. Kristi iviorava", R. Postoli, I.  |
|   | Dova, E. Ozuni, Dh. Rapti, K. Çela, Xh. Koleci   | IT.                                  |
|   | <ul> <li>Dep.of Clinical Subjects, Faculty of Veterinary Medicine, AU</li> <li>Occurrence of zearalenone in selected animal feed ma</li> </ul>   |                                      |
| 16:30 – 16:45   | analyzed by LC-MS/MS – <i>PhD Cand.</i> <b>Suela Tegja*</b> , J. Mavromati   |                                      |
|   | Dep. of Veterinary Public Health, Faculty of Veterinary Medi   |                                      |
|   | Bioaccumulation factors of mercury in liver, muscle, as  |                                      |
| 16.45 17.00   | from the Adriatic sea, Albania – <i>Msc.</i> <b>Altin Metalla*</b> , E   | -                                    |
| 16:45 – 17:00   | A. Chałabis-Mazurek, J.L. Valverde Piedra  | . Lina, in Ciciononon, i Cirionon,   |
|   | *Dep.of Preclinical Modules, Faculty of Veterinary Medicine,   | AUT                                  |
| 15:00 - 16:30   | Session 5: Food Safety, Biotechnology and Nutrition S  |                                      |
|   | (Room 'B215' FEA) (Chair: Prof. Panagiotis Kandylis, Dr.   |                                      |
| 15:00 – 15:15   | Consumer protection in Albania: legal framework and  |                                      |
| 13.00 13.13   | Valentina Memini*, D. Maloku   | enancinges Dr.                       |
|   | *Department of Civil and Business Law, "Qiriazi" University  | College                              |
| 15:15 – 15:30   | Physico-chemical characterization of chestnut and mo   |                                      |
| 15.15 15.50   | region (Kosovo) – <i>PhD Cand.</i> <b>Saimir Dinaj*</b> , R. Kongoli,  |                                      |
|   | *Dep.of Food Technology, University Haxhi Zeka   | i. Hoxila, V. Sadika                 |
| 15:30 – 15:45   | Diet quality in Albania: evidence from the diet quality  | guestionnaire – <i>Dr.</i>           |
|   | Vilma Gurazi*, K. Sadikaj, S. Zejnelhoxha, E. Mamoçi   |                                      |
|   | *Dep. of Food Sciences and Biotechnology, Faculty of Biotech   | nology and Food, AUT                 |
| 15:45 – 16:00   | <ul> <li>From tradition to transition: linking dietary patterns ar</li> </ul>  |                                      |
|   | Kosovo – <i>Prof.</i> <b>Elena Kokthi</b> , D. Cazzetta, P. Bytyçi, M.   |                                      |
|   | Constantino  |                                      |
|   | *Dep. of Food Science and Biotechnology, Faculty of Biotech  | nology and Food, AUT                 |
| 16:00 – 16:15   | <ul> <li>Immersive digital technologies and food quality labels: shaping consumer behavior in</li> </ul>   |                                      |
|   | the Western Balkans' agri-food value chains – PhD Cand. Enxhi Marku*, A. Shumeli, E.   |                                      |
|   | Shehu  |                                      |
|   | *Department of Business Management, Faculty of Economy. LOGOS University, Tirana   |                                      |
| 14:00 - 15:30   | WORKSHOP 1: Geoinformation Centre for the Wester   | rn Balkans                           |
|   | (Room Goethe) (Chair: <i>Prof.</i> Daniel Müller)  |                                      |
| 14:00 – 14:10   | <ul> <li>Welcome and opening remarks</li> </ul>  | (F. Sallaku, D. Müller)              |
| 14:10 – 14:20   | Welcome from the Ministry (BMLEH, Germany)   | (S. Framke)                          |
| 14:20 – 14:30   | Formal Registration of the GeoCentre   | (F. Sallaku, O. Mema)                |
| 14:30 – 14:45   | Project activities and key achievements  | (M. Hofmann)                         |
| 14:45 – 15:00   | <ul> <li>Presentation of the Geoportal</li> </ul>  | (B. Islamaj)                         |
| 15:00 – 15:30   | Open discussion: Lessons learned and way forward   | (F. Sallaku, D. Müller)              |
| 14:00 – 17:00 WORKSHOP 2: AMR surveillance in a One Health approa |  | roach                                |
| 14.00 - 17.00   | (BOKU Room FBM) (Chair: Prof. Dr. Erinda Lika, Joahr   | n. B.Rose)                           |
|   | <ul> <li>Keynote Address: Exploring Antibiotic Resistance Surve</li> </ul>   | villance in its Biological Context   |
| 14:00 – 14:15   | 1  | Lika, J.B. Rose)                     |
|   | Microbiological Culturing of Resistant Strains as a Too  | •                                    |
| 14:15 – 14:30   | Mechanisms of Resistance Emergence and Disseminat  | _                                    |
|   | Targeting gut microbiota in poultry through in ovo syr   |                                      |
| 14:30 – 14:45   | polyphenols: toward a sustainable antibiotic-free strat  | -                                    |
|   | <ul> <li>Antimicrobial Resistance in the Food Chain: Scientific a</li> </ul>   |                                      |
|   |  |                                      |
| 14:45 – 15:00   |  | D. Ranucci)                          |



| 15:00 – 15:15 | <ul> <li>When AI Meets Digital Twins: Challenges and Opportunities in Combating AMR</li> </ul>          |  |
|---------------|---|--|
| 15.00 15.15   | (E. Nurellari)  |  |
| 15:15 – 15:30 | <ul> <li>Advancing Bioengineering Solutions for AMR: Integrating molecular, cellular and</li> </ul>     |  |
| 13.13 13.30   | systems level solutions (M. H. Zaman)   |  |
| 15:30 – 15:45 | <ul> <li>Wastewater Surveillance as an Early Warning System for Infectious Disease Detection</li> </ul> |  |
|               | and Antimicrobial Resistance Control (J.B. Rose)  |  |
| 15:45 – 16:10 | Integrating a One Health Approach into AMR Surveillance: A Case Study of the Irish                      |  |
| 16.10 17.00   | Experience (G. Barry)   |  |
| 16:10 – 17:00 | Closing Remarks   |  |
| 44.00 47.00   | WORKSHOP 3: Mountain Pastures and Shepherds in Albania: challenges and                                  |  |
| 14:00 – 17:00 | prospects (Room: 201, FEA)  |  |
|               | (Room 'Skënder Xhiku') (Chair: <i>Prof. Lumturi Papa</i> )  |  |
| 14:00 – 14:10 | - Opening and Introductory Speech by Chair, (L. Papa)   |  |
| 14:10 - 14:20 | Ecological Attributes of Mountain Pastures (H. Arjjumend)   |  |
| 14:20 - 14:30 | Traditional Interaction of Pastures, Shepherds and Livestock  |  |
|               | (M. Wolff, L. Turmalaj)   |  |
| 14:30 – 14:40 | <ul> <li>Climate Change and Seasonal Pasture Use</li> <li>(P. Dobi)</li> </ul>                          |  |
| 14:40 - 14:50 | <ul> <li>Grazing as an Enemy of Natural Ecosystems: Dilemma of Deep Ecologists</li> </ul>               |  |
|               | – (H. Arjjumend)  |  |
| 14:50 – 15:00 | Modern Challenges faced by Mobile Livestock Herders in Albania (M.Wolff)                                |  |
| 15:00 – 15:10 | <ul> <li>Veterinary Issues and Livestock Mobility Restrictions (L. Turmalaj)</li> </ul>                 |  |
| 15:10 – 15:20 | <ul> <li>Preservation and Development of Pastoralism in Albania (E. Malaj)</li> </ul>                   |  |
| 15:20 – 15:30 | IE Knowledge Transmission and Youth Engagement in Pastoralism   |  |
|               | (Peer Group of Shepherds)   |  |
| 15:30 – 15:45 | Coffee Break  |  |
| 15:45 – 16:55 | Open discussion involving the audience  |  |
| 16:55 – 17:00 | Conclusion, integrating the IYRP 2026 Global Gathering  |  |
|               |   |  |

#### FOR POSTER SESSIONS CLICK BELOW

**Agricultural Sciences and Smart Production Technologies** 

**Rural Development, Agribusiness and Policy Innovation** 

Environmental Sciences and Natural Resources, Forests and Ecosystem Management

**Animal and Public Health** 

Food Safety, Biotechnology and Nutrition Science



| 14:00 – 15:00 | Poster Session – Agricultural Sciences and Smart Production Technologies (Faculty of Biotechnology Building)   |
|---------------|--|
| A01           | Bakiu, R., Jazaj, H., Bakiu, A., Jazaj, M., Bakiu, S. Integrated multi-trophic aquaculture system for sustainable aquaculture and by-product valorization: first application of this innovative blue biotechnology in Albania. Agricultural University of Tirana |
| A02           | Chidiebere, E.A., Promise O.C., Dickson. Integrating Climate-Smart Practices and Digital Tools for Smallholder Resilience in Sub-Saharan Africa. Osun State University, Osogbo, Osun, Nigeria  |
| A03           | Çarka, F., Çakalli, A., Sevo, R., Ramaj, A. Study by morphological descriptors of ten local apple varieties. Agricultural University of Tirana   |
| A04           | Dedndreaj, Xh. The case of insect intel digitalization in agriculture through startups in Albania. Agricultural University of Tirana   |
| A05           | Dinoshi, I. Mobilising Finance and Technology through Partnerships: Advancing Digital Transformation in Albania's Agriculture and Food Systems. University College of Business.  |
| A06           | Gigova, A., Petrova, V. Climatic changes, their impact on the productivity of apples of the "Florina" variety in the Republic of Bulgaria.Institute of Soil Science, Agrotechnology and Plant Protection "N. Poushkarov",  |
| A07           | Hasrat, A., Martine, W., Turmalaj, L., Dobi, P. Implications of new mountain law and policy of Albania government for transhumant and pastoralist communities. The Grassroots Institute, Canada  |
| A08           | Hobdari, V., Gjeta, Z., Çakalli, A., Pepa, B., Çarka, F., Kuçi, H., Lila, N., Ramaj, A. Importance of management, use and future perspectives of plant genetic resources in genebank of Albania. Agricultural University of Tirana                               |
| A09           | Huqi A., Bërxolli, A., Ismailaj, E., Shehu, Dh., Bitri, D., Duraj, N. Study on acarifauna in different grapevine cultivars in Tregan, Elbasan (Albania). Agricultural University of Tirana   |
| A10           | Huqi, A., Ismailaj, E., Bërxolli A., Likaj M., Imeri A., Shahini Sh. Survey to understand the situation regarding the safe use of PPPs by farmers in Albania. Agricultural University of Tirana  |
| A11           | Hysi, L., Papa, L., Hoda, A Artificial insemination and biotechnology as key drivers for genetic improvement and sustainable animal production. Agricultural University of Tirana  |
| A12           | Imeri, A., Kupe, L., Alikaj, M., Bahiti, E. Alien invasive plants in Ankara, Turkey.<br>Agricultural University of Tirana  |
| A13           | Jojiç, E., Vata, N., Laze, P., Vorpsi, V., Mema, O., Salillari, I., Gjeka, Xh. Assessment of mechanization level based on degree of mechanization: a case study of Divjaka city. Agricultural University of Tirana   |
| A14           | Kokiçi, H., Skura, E., Sallaku, F., Shallari, S., Çakalli, A., Ramaj, A., Hofmann, M., Mueller, D. Inventory and identification of natural enemies of apple leaf mining moths in Albania. Agricultural University of Tirana                                      |
| A15           | Lato A., Vrapi, R Advancing Albania's dairy industry. Iowa State University Alumni, Tirana, Albania.   |



| 14:00 – 15:00 | Poster Session – Agricultural Sciences and Smart Production Technologies (Faculty of Biotechnology Building)  |
|---------------|---|
| A16           | Lelo, A., Kullaj, E., Domi, H., Pupa, M. Multi-site, Multi-trait Evaluation of Plum (Prunus domestica L.) Varieties in Albania Using Standardised Indices and PCA. Agricultural University of Tirana  |
| A17           | Muca, R., Dervishi, D., Osmani, L., Laze, Ibro, V. Is the acclimatisation that wheat plants underwent during the life cycle transferred to their seeds? Agricultural University of Tirana   |
| A18           | Nachtsheim, J.N., K.Obermeyer, J. Messner, J.Weber. The impact of tracking agrivoltaic systems on yield, botanical composition and forage quality in a grass-clover ley. Duale Hochschule Baden-Württemberg Ravensburg, Germany   |
| A19           | Najat, H., Smaili Moulay Chrif. Potential insect vectors of Xylella fastidiosa in Morocco: case of spittlebug. National Institute for Agricultural Research (INRA)  |
| A20           | Osmani, I., Tasholli, R., Hamiti, Sh., Mehmeti, A., Bytyçi, H., Waldhardt, R., Kryeziu, L. Assessment of food and organic waste in commercial and public sectors: the case of Viti Comune in Kosovo. Prishtina University.  |
| A21           | Öztürk, M., Aydoğmuş-Öztürk, A., Gümüşbulut-Şener, G., Çam, D., Çetintaş, Y., Sıcak, Y. Tinctures of Cones from Red Pine: Standardization, evaluation of $\alpha$ -Glucosidase inhibitory activity. Muğla Sıtkı Koçman University, Turkey.  |
| A22           | Papa, L., Kume, K., Hysi, L. State and sustainable conservation of farm animal genetic resources in Albania. Agricultural University of Tirana  |
| A23           | Pepa, B., Hobdari, V., Çakalli, A., Gjeta, Z., Çarka, F., Lila, N., Kuçi, H., Ramaj, A. Traditional cultivars and the challenge of genetic erosion in the Librazhd region. Agricultural University of Tirana  |
| A24           | Petrova-Branicheva V., Gigova, A., E.Dimitrov,. Productivity of irrigation water, under different variants of irrigation and fertilization in tomatoes variety 'Nikolina'.Institute of Soil Science, Agricultural Technology and Plant Protection "N. Poushkarov", Sofia, Bulgari                                 |
| A25           | Plamen, I., Filyova, P., Dimitrov, A. Climate-induced shifts in the population dynamics of Synanthedon myopaeformis in apple orchards. Fruit Growing Institute, Plovdiv, Agricultural Academy, Sofia, Bulgaria.   |
| A26           | Prebibaj, M., Neugschwandtner R., Sallaku, F., Rroco, E., Kaul, H-P. Effects of nitrogen and potassium fertilization on winter wheat (Triticum aestivum L.) and residual impact of unfertilized faba bean (Vicia faba L.) and maize (Zea mays L.) in Austrian field trials. Departyment of Agronomic Science AUT. |
| A27           | Rankova, Z. Efficacy of herbicide combinations against vegetative weed infestation in a young apricot orchard. Fruit Growing Institute, Plovdiv, Bulgaria   |
| A28           | Sena, L., Kuliçi, M., Sena, S. Influence of seasonal and environmental factors on royal jelly yield in buckfast honey bees in Albania. Agricultural University of Tirana  |
| A29           | Zhezha, E., Prebibaj, M., Nigel, C., Lika, E., Nati D. Establishment of a master's program in quality and standards for agrifood products: building youth competence for Albania's MAPs and agri-food sector. Agricultural University of Tirana   |



| 14:00 – 15:00 | Poster Session – Agricultural Sciences and Smart Production Technologies (Faculty of Biotechnology Building)  |  |
|---------------|---|--|
| A30           | Plamen, I., Filyova, P., Dimitrov, A. Climate-induced shifts in the population dynamics of Synanthedon myopaeformis in apple orchards. Fruit Growing Institute, Plovdiv, Agricultural Academy, Sofia, Bulgaria.   |  |
| A31           | Prebibaj, M., Neugschwandtner R., Sallaku, F., Rroco, E., Kaul, H-P. Effects of nitrogen and potassium fertilization on winter wheat (Triticum aestivum L.) and residual impact of unfertilized faba bean (Vicia faba L.) and maize (Zea mays L.) in Austrian field trials. Departyment of Agronomic Science AUT. |  |
|               | Rankova, Z. Efficacy of herbicide combinations against vegetative weed infestation in a young apricot orchard. Fruit Growing Institute, Plovdiv, Bulgaria   |  |

| 14:00 – 15:00 | Poster Session – Rural Development, Agribusiness and Policy Innovation (Qirjazi University College)   |
|---------------|---|
| E01           | Avdulaj. J. Llungu. M. Customer satisfaction analysis in fashion industry: Case of Zara Fashion Industry in Albania. Agricultural University of Tirana.                               |
| E02           | Basha, A. Ruci. M. Kote. A. Insurance Market Responses to the Pandemic: Insights from in Albania, Kosovo and North Macedonia. Agricultural University of Tirana.                      |
| E03           | Bekolli. A. Pagria. I. Integrating Mathematical Tools and Cooperative Game Theory for Sustainable Agricultural Development. Agricultural University of Tirana.                        |
| E04           | Beqo (Buzo), F., Çakalli, M. Municipalities as Actors in Agricultural Ecosystems — The Case of a Cluster Model in Dibra, Its Governance, and KPIs. Agricultural University of Tirana. |
| E05           | Çakalli. M From digitalization to smart governance: public services, e-procurement, and the ai challenge in albania. Agricultural University of Tirana                                |
| E06           | Çakalli. M Government bonds for individuals: innovative alternative or risk to household savings? Agricultural University of Tirana   |
| E07           | Çeça (Shehu). E , Luga .E. The Role of Price and Convenience in Shaping Consumer Perceptions of Ultra-Processed Foods. Agricultural University of Tirana                              |
| E08           | Deda. GJ. Zaka. O. Spatial analysis of walking access to agrotourism points using QGIS and Graph Theory. Agricultural University of Tirana.   |
| E09           | Dishmema. E , Mustafaj. S , Dara. F. Numerical approximation of Verhulst model of fruit trees production in Albania using Runge-Kutta methods. Agricultural University of Tirana      |
| E10           | Doku. E. Formalizing rural enterprises to improve farmers access to finance in Albania. Agricultural University of Tirana.  |
| E11           | Domi. F, Kapaj. I, Tomorri. I, Kurtaj. D, Buraku. B, Culani. A, Filipi. N. Innovation and agritourism; an agripreuner perspective. Agricultural University of Tirana                  |
| E12           | Duraku. V, Gashi. R, Gashi. M, Duraku. S. Politikat qeveritare të subvencionimit në bujqësi sipas sektorëve – rasti i Kosovës. Agricultural University of Tirana                      |
| E13           | Fejzaj. E. The impact of tax rules on corporate investment decisions: The case of Albania . Agricultural University of Tirana.  |



| 14:00 – 15:00 | Poster Session – Rural Development, Agribusiness and Policy Innovation (Qirjazi University College)  |
|---------------|--|
| E14           | Fejzjaj. E. Muça. E. Exchange rate fluctuations and their impact on the Albanian economy in the last five years. Agricultural University of Tirana.  |
| E15           | Gashi. F, Jupe. A, Gjokaj. E. How do livestock farmers access to finance in Albania and Kosovo compared to EU countries: A policy based comparison. Agricultural University of Tirana      |
| E16           | Gecaj. M From National Subsidies to Digital Solutions: Advancing Albania's Agriculture for CAP Integration. Agricultural University of Tirana  |
| E17           | Gjeloshi. A. Human Factors in Local Development Projects in Albania: Barriers, Training Needs, and Institutional Trust. Agricultural University of Tirana.                                 |
| E18           | Gjermeni. I , Zhllima. E. What drives farmers' behavior under climate change?<br>Empirical study in watermelon crop in Albania. Agricultural University of Tirana                          |
| E19           | Gjermeni. I , Zhllima.E , Ozuni. E, Imami. D. The demand for Climate Information Systems: Insights from Albanian Watermelon Farmers' Willingness to Pay. Agricultural University of Tirana |
| E20           | Gjermeni. I. Zhaka. J. Marku. M. Artificial Intelligence and Workplace Productivity in Albania: Evidence from Sectoral Analysis. Agricultural University of Tirana.                        |
| E21           | Gjoni. A. Utzig. M. Tax differences between Albania and Western Balkan Countries in the taxpayer's perception. Agricultural University of Tirana. Warsaw University of Life Sciences       |
| E22           | Gura. G, Guri. F, Gura. S. Renewable energy transition pathways: the role of energy citizenship for positive energy districts (PEDs). Epoka University.                                    |
| E23           | Harri. A. Zhllima. E. Imami.D. Farmers' Preferences for Risk Insurance Using Choice Experiments- The case of Albania . Agricultural University of Tirana.                                  |
| E24           | Jata. E. Shehu. E. Zela. E. A Qualitative Needs Analysis for Single-Semester English Courses in Specialized Higher Education. Agricultural University of Tirana.                           |
| E25           | Joca   |
| E26           | Kadiu. B. Shore. E . The Importance of Human Resources in the Development of Universities in Albania. Agricultural University of Tirana.   |
| E27           | Kambo A, Leka B. Murrja. A. Blockchain Technology as a Possibility for Agricultural Insurance in Albania. Agricultural University of Tirana  |
| E28           | Kambo. A. Uruçi. M. Lending and Taxation in Moscopole (Voskopoja), Fiscal Practices and Community Networks. Agricultural University of Tirana.   |
| E29           | Karoli. E. Nikolla.M. From Tradition to Technology in Greenhouse Farming: Challenges and Opportunities. Agricultural University of Tirana.   |
| E30           | Kastrati. A. Koka.M . The impact of direct payment and grant policies on the Kosovo agricultural sector. Agricultural University of Tirana.  |
| E31           | Kavalieraki (Foka). D. Agribusiness Sustainability through Accounting and Gender Equality: A Conceptual Framework.   |
| E32           | Kottara. Ch. Research, Education and Extension Synergies as Drivers of Agricultural Innovation   |



| 14:00 – 15:00 | Poster Session – Rural Development, Agribusiness and Policy Innovation (Qirjazi University College)   |
|---------------|---|
| E33           | Kraja. A. Marku. M. Mulliri. J. Digital Perceptions and Smart Tourism Orientation in Albania: An Empirical Analysis. Agricultural University of Tirana.   |
| E34           | Lila. J. Dulja. Xh. Wages as a motivational factor in Human Resource Management in the Albanian tourism sector. Agricultural University of Tirana.  |
| E35           | Marku (Shehu). E, Shumeli. A, Shehu. E. Virtual Reality, Eye-Tracking, and Biometric Methods for Food-Quality Labels: A Narrative Review with Western Balkans Implications. Agricultural University of Tirana     |
| E36           | Marques. J , Boas. M , Madureira. T , Lopes. V , Barata. A , Raposo. D , Paiva. T , Brito. N Interior+: Revitalization of Rural areas - Mountain Communities. Instituto Politécnico de Viana do Castelo. Portugal |
| E37           | Mehmeti. G , Luga. E . Food Waste in Albania: Patterns, Drivers, and Strategies for Sustainable Food Systems. Agricultural University of Tirana   |
| E38           | Mine. L. Shumeli. A. Shehu. E. Sherko. E. Dialects - A source for terminology enrichment. Agricultural University of Tirana   |
| E39           | Mullaymeri. Xh, Gjoni. A, Bytyci. S. The Evolution of Consumer Demand for Local Products in Albania: A Case Study on Honey Consumption Trends and Driving Factors. Agricultural University of Tirana              |
| E40           | Myslimi. G. Risilia. D. Challenges of Implementing Solvency II in Developing Countries:<br>Case of Albania. Agricultural University of Tirana   |
| E41           | Nakuci. S. Basha. A. Shehu. D. The Impact of Artificial Intelligence on New Generation: Opportunities, Challenges and Future Perspectives. Agricultural University of Tirana.                                     |
| E42           | Nikolla K, Dashi. E. Economic Benefits of Payments for Ecosystem Services: Evidence from the Bovilla Watershed. Agricultural University of Tirana   |
| E43           | Peci. A. Zanaj. B. Puška. A. Evaluation of mobile applications for small farms in Albania with the Fuzzy TOPSIS method in the context of agricultural digitalization. Agricultural University of Tirana.          |
| E44           | Plasari. E , Boshnjaku. A. Digital agriculture for sustainable rural development. Agricultural University of Tirana   |
| E45           | Prendi. K , Murrja. A. Dimensions of Circular Economy Implementation in Albanian Companies: An Empirical Study by Company Size. Agricultural University of Tirana   |
| E46           | Puci. J , Çakalli. M. Albanian credit risk: how bank ownership influences lending outcomes? University of New York Tirana   |
| E47           | Qose. E , Boshnjaku. A. Participatory Guarantee Systems as a Pathway for Organic Farming Development in Albania. Agricultural University of Tirana  |
| E48           | Resmeliu. D. Kadiu. E. Shehu. D. The Influence of Managerial Factors on Achieving Economies of Scale and Cost Efficiency in Tourism Businesses. Agricultural University of Tirana.                                |
| E49           | Satka. E, Koçiu. B, Zelka. R. Agriculture in Albania: The social inclusion challenges of youth in rural and sustainable development. Agricultural University of Tirana  |
| E50           | Sena. L. Kuliçi. M. Sena. S. Influence of Seasonal and Environmental Factors on Royal Jelly Yield in Buckfast honey bees in Albania. Agricultural University of Tirana.   |



| 14:00 – 15:00 | Poster Session – Rural Development, Agribusiness and Policy Innovation (Qirjazi University College)  |
|---------------|--|
| E51           | Shala. A. Arapi (Gjini). A. Jantsch. A. Exploring Place Attachment, Well-Being, and Intentions to Remain in Rural Southeast Europe. Leibniz Institute of Agricultural Development in Transition Economies. |
| E52           | Shehu. E , Shumeli. A , Mine. L , Jata. E. Unveiling ESP Skill Profiles among Albanian Informatics Undergraduates: A Ward–K-Means Cluster Analysis. Agricultural University of Tirana                      |
| E53           | Shehu. E. Uku. S. Improving Agricultural Decision Making Through Seasonal Climate Forecasts. Case of Albania. Mediterranean University of Albania.   |
| E54           | Shima. J , Tomorri. I. The role of financial inclusion in the development of Albania's agribusiness sector.1Faculty of Economics, Business and Development, EUT.   |
| E55           | Shore (Noçka). E , Mersini. A. Territorial Impact of the Agriculture Vocational Education in Albania. Agricultural University of Tirana  |
| E56           | Sula. M , Jupe. A, Risilia.D. From Hydropower Dependence to Green Diversification: Environmental and Financial Risks in Renewable Energy Investments in Albania. Agricultural University of Tirana         |
| E57           | Sulaj. A. Cultural heritage and climate resilience: participatory approaches for revitalizing rural heritage in Albania. Agricultural University of Tirana.  |
| E58           | Sulaj. A. Totojani. O. Hoxha. E. Workforce dynamics in Albania's rural tourism sector, challenges and opportunities for sustainable development. Agricultural University of Tirana.                        |
| E59           | Sulika. E. Uku. S. Sustainable Financing for Social Care in Albania: Challenges and Opportunities. Agricultural University of Tirana.  |
| E60           | Tabaku. I , Nasi. E. Emotional Triggers of Impulsive Online Buying: The Role of Happiness and Stress Among Young Adults in Tirana. Agricultural University of Tirana                                       |
| E61           | Tabaku. I Identifying of the Albanian most competitive sector: a way to connect businesses and international trade. Agricultural University of Tirana  |
| E62           | Tola. A. Agritourism as a Catalyst for Sustainable Rural Development. Agricultural University of Tirana.   |
| E63           | Tomorri.I, Kurtaj. D, Buraku. B, Culani. A, Domi. F, Filipi. N. The role of innovation in the performance of agricultural farms: A case study from Albania. Agricultural University of Tirana              |
| E64           | Uruçi. M. Kambo. A. From Incentives to Informality: The Rise and Fall of VAT Compensation in Albanian Agriculture. Agricultural University of Tirana.  |
| E65           | Vuksanlekaj. K. Militancy within the Core of Local Government Public Administration in Albania. Qirjazi University   |
| E66           | Zaka. O. Deda. GJ. Modeling and Applications of Geometry and Parallelism in Agribusiness. Agricultural University of Tirana.   |
| E67           | Zanaj. B. Gjonaj. H. A use case simulation of autonomous car driving with auto pilot by applying Machine Learning and Deep Neural Networks. Agricultural University of Tirana.                             |



| 14:00 – 15:00 | Poster Session – Rural Development, Agribusiness and Policy Innovation (Qirjazi University College)   |
|---------------|---|
| E68           | Zeka. E , Zhllima . E , Petrontino. A , Di Cosola. F, Bozzo. F. Consumer Preferences for Dealcoholized Wine in Muslim — Majority Balkan Countries: A Comprehensive Literature Review. Agricultural University of Tirana |
| E69           | Zela. E , Sherko .E , Jata. E. Recent trends in teaching ESP to Food Technology graduates. Agricultural University of Tirana  |
| E70           | Zherri. F Bridging the Sustainability Gap: Environmental Accounting into Higher Education Finance Curricula in Albania. Agricultural University of Tirana   |
| E71           | Luga. E, Thoma. L, Biraçi. K. Adoption of Online Food Platforms and Consumer Perceptions in Albania. Agricultural University of Tirana  |
| E72           | Doda. E, Miftari. I, Imami. D, Van Bruggen. J, Zhllima. E. Assessing Climate Change Awareness and Adaptive Practices – the case of Albanian watermelon farmers. Agricultural University of Tirana                       |
| E73           | Hoxhaj, E. Shummeli, A, Shehu. E, Jaupaj. A. Utanding why albanians travel abroad: a quantitative study of pull-push factors. Agricultural University of Tirana   |
| E74           | Qevani. B, Arabaska. E, Kolaj. D, Kolaj. R. Agricultural exports and digitalization as exit path: a quick literature review. Qiriazi University College   |
| E75           | Shingjergji. A, Bica. K, Kulli. A. Determinants of Market Concentration in the Albanian Banking System, An Empirical Analysis Using the Herfindahl-Hirschman Index. Qiriazi University College                          |
| E76           | Xhafa. H, Binaj. A. politika fiskale dhe raportet e biznesit me administratën fiskale. disa konsiderata për faktorët ndikues dhe uljen e evazionit fiskal. Qiriazi University College                                   |
| E77           | Kastrati. N, Agricultural risk analysis in Medicinal Plant production: Challenges and Mitigation strategies in Albania. Agricultural University of Tirana   |

| 14:00 – 15:00 | Poster Session – Environmental Sciences and Natural Resources, Forests and Ecosystem Management (Faculty of Biotechnology Building)  |
|---------------|--|
| N01           | Ahmeti, A., Malollari, G. Validation of ERA5 Reanalysis Temperature Data for Agrometeorological Applications in Tirana, Albania. Agricultural University of Tirana                                 |
| N02           | Alikaj, M., Brahushi, F., Kupe, L., Bahiti, E., Duka, I., Imeri, A. Heavy metal pollution in a coastal lagoon ecosystem: a case study of Butrinti, Albania. Agricultural University of Tirana      |
| N03           | Bahiti, E., Kupe, L., Alikaj, M., Imeri, A. Diatom diversity and water quality assessment in Shkodra lake. Agricultural University of Tirana   |
| NO4           | Bakillari, V. Huqi, F., Sema, Xh., Saliaga, V., Kristo, I., Sallaku, F., Shallari, S. Quantification of Heavy Metal Dynamics in the Ishmi River Basin (Albania). Agricultural University of Tirana |
| N05           | Balo, D., Brahushi, F. Community Perceptions of Pollution from the Oil Extraction Industry: Environmental Risks and Public Health in the Marinza Area, Albania. Agricultural University of Tirana  |



| 14:00 – 15:00 | Poster Session – Environmental Sciences and Natural Resources, Forests and Ecosystem Management (Faculty of Biotechnology Building)   |
|---------------|---|
| N06           | Beer, P. Sustainable Furniture Manufacturing Using Wood Production Residuals. Warsaw University of Life Sciences-SGGW   |
| N07           | Bici, E., Shumka, S. Microbiome of durrës beach sand and its characterization of the pathogenic rate potential. Institute of Public Health  |
| N08           | Borisovna, D.I., Zhaksybekovich, B.A., Premkulovna, A.A. Ecological Safety Culture -<br>Key to Sustainable Food Systems. Almaty Technological University, Almaty,<br>Kazakhstan   |
| N09           | Borisovna, D.I., Zhaksybekovich, B.A., Premkulovna, A.A. Remote Sensing Technologies for Biodiversity Conservation in Agricultural Landscapes. Almaty Technological University, Almaty, Kazakhstan  |
| N10           | Çota, H., Quku, D., Thoma, H., Kola, E. The effect of heat treatment on compression strength of Pine (Pinus sylvestris L.). Agricultural University of Tirana   |
| N11           | Çurri, A., Kolitari, J. Distribution of ghost nets in Drini Bay. Agricultural University of Tirana  |
| N12           | Daci, B., Bylyku, E. The presence of radioactive isotopes in environmental soil sample and radiochemical separation of alpha-emitting isotopes as part of their determination's procedure. Institute of Applied Nuclear Physics, University of Tirana.  |
| N13           | Delia, F. Sustainable Positive Energy Districts: Revitalization of abandonment industrial sites towards a more sustainable decarbonized energy system. Agricultural University of Tirana  |
| N14           | Demiraj, Erdona, Duka, I., Doçaj, E., Dalanaj, N., Goxhaj, I., Brahushi, F., Shallari, S. Composting of Biodegradable Organic Waste as a Circular Economy Practice: A Case Study from Elbasan, Albania. Agricultural University of Tirana   |
| N15           | Demiri, Edlira. Education in a sustainable environment, social and natural recourses. University of Tirana.   |
| N16           | Dollani, A., Shkurta, E., Sallaku, F., Shallari, S Assessment of Heavy Metal Contamination in the Rehova Mine Area, Findings and Proposals for their Rehabilitation. National Environmental Agency  |
| N17           | Duka, I., Malo, N., Demiraj, E., Sallaku, E., Çuni, E., Brahushi, F. Assessment of water quality parameters in two lakes of the Dumre region, Albania and their role in ecological risk evaluation. Agricultural University of Tirana   |
| N18           | Elohor, A., Ugochukwu, P.O., Ifechukwu, O.J.Strengthening Nigeria's Climate Action through Decentralized Agroecological strategies: A Conceptual View. Osun State University, Nigeria   |
| N19           | Frem, M.F., Santeramo, G., Lamonaca, E., El Moujabber, M., Choueiri, E., La Notte, P., Nigro, F., Bozzo, F., Fucilli, V. Assessing public preferences for biodiversity conservation and ecosystem services in post- pest outbreak landscapes: Evidence from a choice experiment in southern Italy. SINAGRI, spinoff University of Bari. |
| N20           | Gecaj, M. Advancing Albania's Agriculture for CAP Integration: From National Subsidies to Digital Solutions. Agricultural University of Tirana  |



| 14:00 – 15:00 | Poster Session – Environmental Sciences and Natural Resources, Forests and Ecosystem Management (Faculty of Biotechnology Building)   |
|---------------|---|
| N21           | Halebi, A., Ajdinaj, D. Value Chain Analysis of the Wood Industry in Albania:<br>Resources, Processing, Trade, and Policy Perspectives. Agricultural University of<br>Tirana  |
| N22           | Halilaj, T., Bani, A., Sallaku (Sheqeri), E., Ottner, F. Temporal Dynamics of Nickel Immobilization by Nano-Montmorillonite in Serpentine Soils. Agricultural University of Tirana  |
| N23           | Haveraj, F., Impact of Wooden Materials on WiFi Signal Strength On a Wood Industry Enterprise (Case Study). Agricultural University of Tirana   |
| N24           | Hobdari, V., Lazega, I., Kotelli, S., Gjeta, Z., Lila, N., Kuçi, H. Revitalizing native plant genetic resources for sustainable agritourism and rural development in Albania. Agricultural University of Tirana   |
| N25           | Imeri, A., Kupe, L., Alikaj, M., Bahiti, E. Alien Invasive Plants in Ankara, Turkey. Agricultural University of Tirana  |
| N26           | Kansiime, J., Jantsch, A., Arapi-Gjini, A., Shala, A., Zhllima, E. Multidimensional Wellbeing in Rural Areas During Times of Transition: A Descriptive Glance at Four Southeast European Countries. The Leibniz Institute of Agricultural Development in Transition Economies (IAMO), Halle (Saale), Germany. |
| N27           | Kodra, M., Stafasani, M. PM10 and PM2.5 monitoring to assess air quality. Agricultural University of Tirana   |
| N28           | Kola, E., Ajdinaj, D., Shehu, B., Quku, D., Cota, H., Lato, E. Towards Circular Furniture Manufacturing: Challenges and Opportunities. Agricultural University of Tirana  |
| N29           | Kopali, A., Erebara, A., Shehi, M. Analyzing the Potential for Carbon Sequestration from Cover Crops in the Agricultural Lands. Agricultural University of Tirana   |
| N30           | Korita, J. Analysis of policies on climate change adaptation. Agricultural University of Tirana   |
| N31           | Korita, J. Analyzing the effectiveness of public interest litigation in environmental cases. Agricultural University of Tirana  |
| N32           | Kuhn, J., Jantsch, A., Eltazarov, S., Hermans, K. Climate change and migration intentions in rural Southeast Europe: The moderating role of place attachment. Leibniz Institute of Agricultural Development in Transition Economies (IAMO).   |
| N33           | Kupe, L., Bahiti, E., Alikaj, M., Imeri, A., Kaloshi, E. Integrating Diatoms and Nutrient Loads Variability — Spatio-temporal dynamics of water quality in the Vjosa River. Agricultural University of Tirana   |
| N34           | Luarasi, M., Grepcka, A., Bahja, E. Innovation in Non-Wood Forest Products MSMEs:<br>A Case Study from Korça Region. Agricultural University of Tirana  |
| N35           | Malaj, E., Xhulaj. Analysing the protection status of the natural park Divjake-<br>Karavasta through ecological and human disturbance variables. Agricultural<br>University of Tirana   |
| N36           | Malollari, G., Shallari, S., Ahmeti, A., Luarasi, M. Model-Based Assessment of Aerosol Mass Concentrations over Albania during 2023. Agricultural University of Tirana  |
| N37           | Mucollari, Nertila, Shumka, S. Longitudinal patterns of fish assemblages in relation to local factors in the Vjosa. Agricultural University of Tirana   |

| 14:00 – 15:00 | Poster Session – Environmental Sciences and Natural Resources, Forests and Ecosystem Management (Faculty of Biotechnology Building)   |
|---------------|---|
| N38           | Myslihaka, S., Bani, A. Nickel Accumulation in Vegetables Cultivated on Serpentine Soils of Albania: Implications for Food Safety. Agricultural University of Tirana  |
| N39           | Nachtsheim, J.N., Obermeyer, K., Messner, J., Weber, J The impact of tracking agrivoltaic systems on yield, botanical composition and forage quality in a grass-clover ley. Duale Hochschule Baden-Württemberg Ravensburg, Germany                          |
| N40           | Osmeni, A., Firanj, R., Maci, A., Ylli, A., Ylli, F., Sallaku, E. Microplastic Abundance, Polymer Composition and Heavy Metals Contamination in the Ishmi River (Albania): An Integrated Assessment of water and riverbanks. European University of Tirana, |
| N41           | Pepa, B. Biodiversity and ecological status assessment of the Drin River using benthic macro invertebrates. Agricultural University of Tirana   |
| N42           | Peqini, A., Finis, L.M., Brahushi, F., Düring, R.A. Potential applications of biochar from organic waste in Albania, with a focus on irrigation water treatment. Agricultural University of Tirana  |
| N43           | Prendi, Klarida, Murrja, A. Dimensions of Circular Economy Implementation in Albanian Companies: An Empirical Study by Company Size. Agricultural University of Tirana  |
| N44           | Saliaga, V., Bakillari, V., Shallari, S., Sallaku, S., Kristo, I. Analysis of water pollution and effect of rainfall trend in the quality of Ishem river, Albania. Agricultural University of Tirana  |
| N45           | Shehu, B., Çota, H., Lato, E., Vejsiu, I., Kola, E. Sustainable visitor guidance and eco-<br>friendly infrastructure planning in Tomorr mountain National Park. Agricultural<br>University of Tirana  |
| N46           | Shumka, S., Hasanllari, R., Xherri, Xh. eDNA Comparted with Conventional Methods for Fish Field Surveys: Case Study from the River Buna in a try for Adriatic Sturgeon presence. Agricultural University of Tirana  |
| N47           | Topuzi, R., Sejdiu, Rr., Mjaku, Xh., Bajraktari, A. Increasing productivity in the furniture manufacturing sector through reducing idle time. University of Applied Sciences in Ferizaj.  |
| N48           | Vejsiu, A., Kola, E., Beqo, S., Thoma, H., Kllapi, J. Vocational Education and the Wood Industry in Albania: Bridging Gaps, Building Futures. Agricultural University of Tirana   |

| 14:00 – 15:00 | Poster Session – Animal and Public Health (Faculty of Biotechnology Building)  |
|---------------|--|
| V01           | Barjami P, Bizhga B. Dermanyssus gallinae in Albania and its Impact on Public Health. Agricultural University of Tirana, Albania.  |
| V02           | Bijo B, Shehu F. Overview of the Challenges of New Meat Inspection Systems in Europe. Agricultural University of Tirana, Albania.  |
| V03           | Branciari R, Primavilla S, Valiani A, Ranucci D. Antimicrobial Resistance in the Food Chain: Scientific and Regulatory Challenges in Food Safety and Inspection. Department Veterinary Medicine, University of Perugia, Via san Costanzo 4, 06126 Perugia. Italy |
| V04           | Dhaskali L, Qoku A, Mazari B. Retrospective Study of Canine Cutaneous Tumor-Like in Tirana District. Agricultural University of Tirana, Albania.   |

| 14:00 – 15:00 | Poster Session – Animal and Public Health (Faculty of Biotechnology Building)  |
|---------------|--|
| V05           | Dimço E, Abeshi J, Dhamo G, Bizhga B. Evaluating Serum Amylase, Lipase and cPLI as Diagnostic Biomarkers for Acute Pancreatitis in Dogs. Agricultural University of Tirana, Albania.   |
| V06           | Dini N, Dhami B, Koni A, Malaj N, Sulçe M, Tairllari L, Dautaj E, Muça G, Zalla P, Durro V, Koleci X. Seasonal Isolation Dynamics of Shiga Toxin-Producing Escherichia coli (STEC) from Recto-Anal Mucosa of Slaughtered Sheep Using Selective Media. Agricultural University of Tirana, Albania.  |
| V07           | Filippi A, Nava M, Dellamaria D, Lazzari B, Bianchi A. Filipe J, Bertoletti I, Pedrotti L, Corlatti L, Ricchi M, Luzzago C, Garbarino C,. Surveillance of paratuberculosis in red deer (Cervus elaphus) at the interface between domestic and wild animals in the Central Italian Alps. Istituto Zooprofilattico Sperimentale della Lombardia e dell'Emilia Romagna  |
| V08           | Goxha B, Lika E, Crovace AM, Goga T, Lacitignola L, Staffieri F, Crovace A. Complications and Short-Term Outcomes after Tibial Tuberosity Advancement with a Porous Titanium Scaffold in Dogs. Agricultural University of Tirana, Albania.   |
| V09           | Lufo L, Beli E, Dura G, Kaba E, Zhupa O. Assessment of raw milk quality in Albania: a farm-to-processing evaluation based on national and EU standards. Agricultural University of Tirana, Albania.  |
| V10           | Mecaj R, Sallaku E, Plaku F, Selmani E, Duka I, Delia E, Brahushi F, Shallari S, Tafaj M. A Survey of Calcium, Phosphorus, and Zinc Contents in Roughages and Concentrate Feeds Commonly Used in Dairy Farms Across Three Regions of Albania. Agricultural University of Tirana, Albania.  |
| V11           | Muça G, Turmalaj L, Sulçe M, Koleci X, Andoni E, Ozuni E, Muga A, Kurti F, Parangoni I, Hoxha V, Beqiraj D. The Use of Artificial Intelligence in Reproduction in Cows, Goats, and Sows. Agricultural University of Tirana, Albania.   |
| V12           | Muçollari N, Shumka S. Longitudinal Patterns of Fish Assemblages in Relation to Local Factors in the Vjosa. Agricultural University of Tirana, Albania.  |
| V13           | Munga A, Sulçe M, Ozuni E, Beqiraj D, Zekaj EA Review on the Toxicity of Cadmium in the Urinary System. Agricultural University of Tirana, Albania.  |
| V14           | Pandiscia A, Terio V, Bonerba E, Troise F, Savini F, Prandini L, Indio V, De Cesare A, Masi M, Vecchio Y, Panebianco F, Civera T, Alberghini L, Giacometti F. Unlocking the Potential of Neglected and Underutilized-fish-Species (NUS): A preliminary study on the microbiological profile of innovative ready-to-eat dry-cured NUS fish products. Department of Veterinary Medicine, University of Bari Aldo Moro. Italy |
| V15           | Qafzezi P, Rapti D. Hematological and Biochemical Alterations in Dogs with Canine Leishmaniasis in Albania. Agricultural University of Tirana, Albania.  |
| V16           | Qoku A, Mazari B, Kodra F, Dhaskali L. Tumoral Lesions of the Dog's Oral Cavity. Agricultural University of Tirana, Albania.   |
| V17           | Sahraoui N, Boukert R, Benali S, Hornick JL. Effect of Diet on the Health of the Dromedary. Institut Vétérinaire, Université de Blida 1- Algérie.  |
| V18           | Sahraoui N, Boukert R, Hornick JL. Main Herbaceous Plants Grazed by Dromedary Camels in the Algerian Sahara and its Impacts. Institut Vétérinaire, Université de Blida 1- Algérie.   |



| 14:00 – 15:00 | Poster Session – Animal and Public Health (Faculty of Biotechnology Building)   |
|---------------|---|
| V19           | Sawad AA. Used of Plastinated Models for Veterinary Anatomy Education: Applications and Future Prospects in Iraqi Veterinary Colleges. College of veterinary medicine, University of Basrah, Basrah, Iraq.  |
| V20           | Shehu F, Ndoci M, Bijo B. The Risk of AFM1 Presence in Cow and Sheep Milk in the Lezha Region. Agricultural University of Tirana, Albania.  |
| V21           | Shehu F, Prendi E, Koni A, Bijo B. Influence of Somatic Cells on Physico-Chemical Indicators of Raw Milk. Agricultural University of Tirana, Albania.   |
| V22           | Shoshi N, Dhaskali L, Çabeli P, Shoshi O, Papajani A. Environmental and Health Impacts of Intensive Livestock Farming. Agricultural University of Tirana, Albania.  |
| V23           | Simakoski D, Karapetkovska-Hristova V, Veljanovski D, Pacinovski N, Eftimova E. Preliminary (Initial) Data on Lacaune Sheep in North Macedonia. Faculty of Biotechnical Sciences, University "St. Kliment Ohridski" – Bitola, North Macedonia.                                |
| V24           | Sulçe M, Munga A, Ozuni E, Beqiraj D, Zalla P, Muça G, Koleci X, Hunda I, Balilaj I, Dushku J. Identification of Rabbit Myeloid Populations Using Nonspecific Antibody Clones and Scatter Properties: A Flow Cytometric Approach. Agricultural University of Tirana, Albania. |
| V25           | Turmalaj L, Muça G, Bodlli E. The Role of Hormonal Treatment on Fertility in Cows.<br>Agricultural University of Tirana, Albania  |
| V26           | Turmalaj L, Bakiasi I, Muça G, Ruçi F. Synchronization of Estrus in Sheep During the Transitional Period. Agricultural University of Tirana, Albania.   |

| 14:00 – 15:00 | Poster Session – Food Safety, Biotechnology and Nutrition Science (Faculty of Biotechnology Building)  |
|---------------|--|
| F01           | Arailym.Zh, Shynar.K, Zhasuzakova.A From farm to fork: Digital and scientific solutions for health protection and Food Safety  |
| F02           | Ballesha.E, Hoxha.F EU Integration and Albanian Agriculture & Agro-Processing: Standards, Investments, and Strategic Pathways  |
| F03           | Berberi.E, Pinderi.E Glycemic Variability as a Biomarker for Non-Communicable Diseases: A Systematic Review of Biological Pathways and Lifestyle Interventions               |
| F04           | Bici.E Shumka.S Microbiome of Durres Beach sand and its characterization of the pathogenic potential rate  |
| F05           | Bllaca.M, Kolaneci.V, Hidri.R Fishery production and catch per unit effort in Lake Ulza  |
| F06           | Buda.E, Kolitari.J Evaluation of fish catches in Albania in period of time 2020-2024 and quantities of marine coastal and lagoon species.                                    |
| F07           | Bushati.M, Koni.E, Nezaj.R Occurrence of Potentially toxic phytoplankton in Butrinti lagoon.   |
| F08           | Bytyçi.P, Hasalliu.R, Kaya Sirin.B, Fetoshi.O, Nikerel.E Composition of the microbiota of lactic acid bacteria of artisanal cheeses in the Municipality of Malisheva, Kosovo |
| F09           | Ceka.E, Lloha.I Plants that grow naturaly in Albania, their uses and geographical distribution.  |
| F10           | Dano.E, Nurçe.S Determination of salt concentration in white and whole bread   |



| F11 | Dimitrellou.D, Kandylis.Panagiotis Effect of plant-based compounds on syneresis and water-holding capacity of yogurt  |
|-----|---|
| F12 | Gjeloshi.Gj, Malollari.L Siguria ushqimore apo edukata seksuale: Cila duhet të mësohet e para në shkollat 9-vjeçare?  |
| F13 | Hyseni.A, Kalevska.T, Nedelkoska.D, Knights.V, Hyseni.V Essential Minerals in Yogurts and their contribution to the diet in North Macedonia   |
| F14 | Kongoli.R, Ruci.M, Gjergji.N Authenticity and Quality Attributes of Olive Oil from Indigenous Albanian Varieties: Kalinjot and Tirana White Olive   |
| F15 | Kopali.A, Hoxha.F, Devolli.A, Laçi.L, Kyçyk.O The potential to export Olive Oil: a comprehensive evaluation of the quality and safety in the Olive Oil value chain  |
| F16 | Kuliçi.M, Sena.L, Hasani.A Natural and Technological Determinants of Honey Quality:<br>A Case Study on Albanian Honeys  |
| F17 | Kyçyk.O, Vuksani.A, Thomaj.T, Vuksani.Gj, Pazari.F Quality and Stability of Extra Virgin Olive Oil: Influence of Storage Conditions and Key Degradation Factors   |
| F18 | Lamçe.F, Kyçyk.O, Ruci.M, Karaulli.J, Laçi.L, Nezaj.R Evaluation of fat and vitamin content in different types of nuts consumed in Albania  |
| F19 | Lipe.A, Hoxha.L Grape Marc as a Source of Natural Antioxidants: Potential for Clean-<br>Label Food Ingredients  |
| F20 | Maçi.R, Nexhipi.E, Memoçi.H, Shehu.F, Bijo.B <i>Salmonella serovar</i> distribution along the food chain in Albania, 2014-2021  |
| F21 | Mamoçi.E, Basha.E, Zejnelhoxha.S, Gurazi.V, Peçuli.A Essential oil composition of wild Satureja montana L. collected from Mali i Balgjajt, Burrel, Albania  |
| F22 | Morina.A, Shehaj.A Synergy interface of traceability systems, food additives and clean label movement   |
| F23 | Nezaj.R, Bushati.M, Kyçyk.O, Lamçe.F, Karaulli.J, Ruci.M, Laçi.L, Tobli.Sh Evaluation of some indicators of bottled drinking water in Albania and their comparison with the European Drinking Water Directive |
| F24 | Peçuli.A, Hoffmann.D, Bici.M Effect of Enzymes and Enzyme Concentration on the Physicochemical Properties of Oat-Based Beverages  |
| F25 | Pikuli.K, Devolli.A Sustainable valorization of olive oil bye-products and their application in food model systems  |
| F26 | Shahinasi.E, Devolli.A, Beshiri.V, Kopali.A, Brahushi.F The design of a smart indicator and its application in food packaging system for food quality control   |
| F27 | Shumeli.A, Shehu.E, Mine.L, Isaraj.M From Vine to Wine: A Comparative Study of Viticulture and Enology Terminology in Albanian and English  |
| F28 | Stafasani.M, Kodra.M, Buzali.L Presence of contaminating microorganisms in milk; A case of three farms in Tirana  |
| F29 | Stojkovski.V, Bojkovska.K Plant-Based Milks and Consumer Trust: Managing Transparency and Food Quality in the Context of Food Policy in North Macedonia   |
| F30 | Troka.P Muça.L Ndikimi i paketimit të produkteve të bulmetit në perceptimin e konsumatorit në lidhje me sigurinë ushqimore  |
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| F31 | Veli.A, Berberi.E, Xhaferaj.N, Sulaj.K Exploring Albanian Perceptions of Dried Fruit Consumption: Nutritional Preferences and Pesticide Awareness  |
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| F32 | Xhaferaj.B, Kopali.A, Koçia.S, Vrushi.L, Vaso.K, Nuro.A An overview on chemical profile for oil and alcholic tinctures of <i>Rosmarinus Officinalis</i> plants                                   |
| F33 | Xhelili.V, Kastrati.V, Sylejmani.R, Hasani.A Evaluation of 5-Hydroxymethylfurfural (HMF) in Local and Imported Honey Samples   |
| F34 | Zejnelhoxha.S, Dybeli.A, Gurazi.V, Basha.E, Mamoçi.E Knowledge, attitudes and behaviors toward salt consumption: a survey among parents of primary and lower secondary schoolchildren in Albania |

| Day 3 – Timing | Field trip |
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#### 8:30 – 18:00 Visit to Belsh, Lushnja and Divjaka

On the third day, participants will embark on a field excursion that highlights Albania's innovations in sustainable agriculture. The visit will begin in Belsh, where participants will tour olive plantations and a modern olive oil processing facility supported by FAO, gaining insights into local value chain development and quality improvement efforts, especially in relation to good agricultural practices.

The Belsh area is located in central Albania, within Elbasan County. It is known for its beautiful landscape of hills, lakes, and fertile plains. The town of Belsh lies near the Dumre plateau, which contains over 80 natural lakes, making it one of the most unique lake regions in Albania. The area has a rich agricultural tradition, and in recent years has become a popular eco-tourism destination.

The journey continues to Lushnja, where a greenhouse demonstration site showcases the application of innovative and climate-smart farming technologies.

The Lushnjë—Divjakë area is located in the western part of Albania, within the fertile Myzeqe plain. It is one of the country's most important agricultural regions, known for its production of grains, vegetables, and olive oil. The area combines rich farmland with natural beauty, including the Divjakë-Karavasta National Park, which hosts Albania's largest lagoon and diverse wildlife.

Depending on weather conditions, the day will conclude with a visit to Divjaka National Park, offering a brief immersion into one of Albania's most emblematic natural ecosystems, followed by a networking lunch at Divjaka Resort.

