

## INTERNATIONAL SEMINAR PROGRAM

### “ONE HEALTH”

📍 Sabri Tourist Complex – Annaba

📅 April 27–29, 2026

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#### *Day 1 – Monday, April 27, 2026*

##### Opening, Plenary Sessions & Free Communications

**08:00–09:00 | Registration & Welcome**

**09:00–10:30 | Opening Ceremony**

**10:30–11:30 | Plenary Session (Part 1)**

**11:30–12:00 | Coffee Break & Networking (Official Photos)**

**12:00–13:00 | Plenary Session (Part 2)**

**13:00–13:30 | Q&A Session**

**13:30–15:00 | Lunch Break**

**15:00–17:00 | Plenary Session (Part 3)**

**15:00–17:00 | Poster Sessions; Free communications**

**17:00–17:30 | Q&A Session**

**17:30–18:00 | Coffee Break & Networking (Official Photos)**

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#### *Day 2 – Tuesday, April 28, 2026*

##### Food Safety & Emerging Diseases

**08:00–09:00 | Registration**

**09:00–09:50 | Oral Session 1 (Food Safety)**

**09:50–10:05 | Q&A Session**

**10:05–10:30 | Coffee Break**

**10:30–11:40 | Oral Session 2 (Emerging Diseases)**

**11:40–12:15 | Q&A Session**

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**12:15–14:00 | Lunch Break**

**14:00–14:50 | Oral Session 3 (Emerging Diseases)**

**14:50–15:15 | Q&A Session**

**15:15–17:00 | Poster Sessions (Food Safety & Emerging Diseases)**

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*Day 3 – Wednesday, April 29, 2026*

**Antimicrobial Resistance (AMR) & Artificial Intelligence (AI)**

**08 :00–08 :30 | Registration**

**08:30–10:20 | Oral Session (Antimicrobial Resistance – AMR)**

**09:00–10:30 | Poster Sessions (Parallel Sessions – Different Rooms)**

- **Poster Session AMR (Room 1,2&3)**
- **Poster Session AI (Room 4)**

**10:20–10:30 | Q&A for Oral Session**

**10:30–11:20 | Coffee Break & Networking**

**11:20–11:50 | Oral Session (Artificial Intelligence in Health – AI)**

**11:50–12:30 | Q&A Session**

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 **Touristic Visit**

 **From 13:00**




**Organisationnel Notes**

- All participants must wear their printed badges at all times during the seminar; strict adherence to the schedule is required.
- Each session includes presentations followed by a discussion period; poster sessions run in parallel with oral sessions.
- Posters will be presented in digital format on display screens; poster presenters must be present during their assigned session.
- Consistency in formatting and language must be ensured throughout the program.

## Day 1: Opening Ceremony & Free Communications

 **08:00 – 09:00: Registration & Welcome**

 **09:00 – 10:30: Opening Ceremony**

- Official opening remarks and Seminar presentation

 **10:30 – 11:30-Plenary Session (Part 1)**

**Moderator** : Pr. Bouslama Zihad ; Pr. Benaissa Rachid ; Pr. Abdelmlek Hafedh ; Dr. Yacine Khanfri

No	Speaker	Affiliation	Conference title	Schedule
1	Pr. Yahia Chebloune	Algérie	Vaccines and vaccination in the era of one health	10:30– 10:50
2	Pr. Loucif Lotfi	CRE/University of Batna 2 (Algeria)	Du gène à l'écosystème : la vraie dimension One Health de l'antibiorésistance	10:50-11:10
3	Pr. Hafid Aourag	Faculté de Physique, USTO, Oran, Algérie	Une Nouvelle Méthode de Résolution des Problèmes dans le contexte de l'approche « One Health »	11:10–11:30

 **11:30- 12:00- Coffee Break & Networking (Official Photos)**

 **12 :00-13 :00-Plenary Session (Part 2)**

**Moderator** : Pr. Lilia Messadi ; Pr. Ghoulem Tiar ; Pr. Allaaeddin El Salabi ; Dr. Mohamed AbdElGawad ElSayed Ahmed

No	Speaker	Affiliation	Conference Title	Schedule
4	Pr.Benaissa Rachid	Algeria	Penser la santé comme produit du territoire	12 :00-12-20
5	Pr. Souhil TLIBA	Algeria	Médecine 4.0	
6	Pr. Fatih Duman	Turkey	Green Pharmacology: A Journey from Toxic Solvents to Natural Deep Eutectic Solvents	12 :20-12 :40
7	Pr. AbdelMohsen Mohamed Soliman Bakr	Egypt	Bee Venom Apitherapy: A Promising Avenue for Antimicrobial Resistance (AMR)	12:40– 13:00

 **Q&A: 13 :00 -13 :30**

## 13:30 - 15 :00 Lunch Break

### 🕒 15:00-17:00-Plenary Session (Part 3)

**Moderator :** Pr. Lotfi Loucif ; Pr. Fatih Duman ; Pr. Fawzi Derrar ; Pr. Zahira Boudiaf

No	Speaker	Affiliation	Conference Title	Schedule
8	Pr. Abdelmlek Hafedh	Tunisia	One Health et forces Invisibles : quand l'harmonie du vivant rencontre climat, magnétisme et antibiorésistance	15:00 – 15:20
9	Dr. Mohamed AbdelGawad ElSayed Ahmed	Egypt	Tackling Muti-Drug Resistance: Phage Therapy as a Frontier Against Carbapenem and Colistin-Resistant Pathogens	15:20 – 15:40
10	Pr. Allaa-eddin El Salabi	Lybia	Burden of Antimicrobial Resistance in Libya, 1990 to 2025	15:40 – 16:00
11	Pr. Lilia Messadi	Tunisia	Importance of the environment in antimicrobial resistance	16:00 – 16:20
12	Pr. Ali Bouattour	Tunisia	Arbovirus surveillance in Algeria and Tunisia with a focus on the One Health approach	16:20 – 16 :40
13	Pr. Alessandra Terenzi	Italy	Approche intégrée de la biodiversité urbaine :gouvernance, dimensions sociales et perspectives One Health dans le contexte méditerranéen	16:40 – 17:00

### 🗨️ Q&A: 17:00-18:00

## ☕ 18:00- 18:30- Coffee Break & Networking (Official Photos)

## COMMUNICATIONS LIBRES

### POSTER COMMUNICATIONS (89)

 **15:00-17:00 (10 minutes for each communication)**

Moderator: Room P1 / Screens S1 & S2: Dr. Nessabia Issam, Dr. GASMI Intissar; Dr. BELBEL Fatma **Poster L1-L30**

Moderator: Room P2/Screens S1 & S2: MELLOUK Manel; Dr.ALEM Mohcene; Dr. BECHEKER Ali **Poster L31- L60**

Moderator: Room P3 / Screens S1 & S2: Dr. TICHATI Lazhari, Dr. DJAMAI Zahra; Dr. ARIF Salah **Poster L61-L89**

#### 1. **DJOHER Abderrahmane, Mihoub-Ait habouche Ouahiba**

*« L'impact du changement climatique sur l'environnement et la santé humaine »*

#### 2. **MERIEM ABDI , Saliha LAROUCI, Ahlem MESSAL**

*Evaluation of the MTHFR C677T Polymorphism as a Risk Factor for Renal Cell Carcinoma in the Algerian Population*

#### 3. **SOUAD AICHE, Mira Chikhaoui, Fadhèle Smail, Naceur Benamor, Ahmed Redha Benia, AITIALEFF Khouloud, Benchikh Imen**

*Effects of Training Frequency, Race Length, Age, and Gestation Phase on Oxidative Stress and Lipid Profiles in Pregnant Mares*

#### 4. **LEILA AILANE, Imene TEBBOUB, Halima GRINI**

*LC-MS/MS Characterization of a Half-Century-Old Virgin Olive Oil: Evaluation of its Nutritional Quality Stability*

#### 5. **BELMAHDI Amina, Karbab Ahlem, Belattar Hakima, Himour Sara, Charef Nourredine**

*Impact of Psyllid Infestation on Antioxidant Activities of Olive Leaves (*Olea europaea* L.)*

#### 6. **AISSAOUI AMIRA, ZIANI Mouna, BOUGHELOUM Khadidja, Kouri Karim Achour, Mezaini Radja**

*Assessment of markers of oxidative stress in Algerian asthma patients : a comparative study between rural and urban environments*

#### 7. **SANDRA AMRI, Lamia BENHALIMA, Saber BELHAOUES, Mourad BENSOUILAH**

*Ecological risk Assessment of the Gulf Annaba (Algeria, southeast Mediterranean Sea)*

#### 8. **KHEDDACHE Arezki , Jeremy Terrien, Salima Charallah, Elara Moudilou, Claire Brun**

*Environmental heat stress threatens male fertility in mammals, including humans*

#### 9. **SARA MIMI ATMANI, Faiza BOULDJENNET**

*Investigation of the eNOS -786 T>C Promoter Polymorphism in Preeclampsia: A Case–Control Study in an Algerian Population*

#### 10. **MANEL BEKHAKHECHE, Saidi Malika, Elbah Djamila, Tebboub Imen, Kerboua Kawter, Mekita Oissem, Brahim Bounab Khawla, Boukhrouf Roumaissa**

*Insecticidal activity of Rosmarinus officinalis essential oil against adult Blattella germanica*

#### 11. **YASMINE BENHALIMA, KHERROUBI Mounir, KHELIFI Hadjer**

*Theoretical Analysis of Cereal Cultivation in Algeria and Its Implications for Food Security*

#### 12. **SAMIRA BENSOLTANE, DJEKOUN Lina, BESNACI Sana, MAZOUZI Safa**

*Probiotic Light Yogurts and Gut Microbiota: Between Benefits and Risks of Artificial Sweeteners*

#### 13. **MERYEM BENZAOU, Imene CHENTIR, Adel AOUCHE**

*A Comparative and Evaluative Study of the Antioxidant Activity of Olive Mill Wastewater and Olive Pomace Using DPPH and FRAP Assays*

#### 14. **NABILA Berrighi, Zahra Nour El Houda KHIAR, Amira BENAICHA, Karima BENAICHA, Chaima GHERZOULI**

*Rheological and Sensory Assessment of Healthy Mayonnaise Fortified with Different rate of Essential Oils*

#### 15. **MILED Bouameur , Naila Doria BOUCHEDJA, Nassim MADI, Nassim NOURI, Lamia ELMECHTA, Yacine AMAR**

*Microbiota Dysbiosis in Hashimoto's Thyroiditis: A Case-Control Study Based on 16S rRNA Sequencing*

- 16. TRAORE Boubacar Demba, Rabah Zebsa, Zinette Bensakhri, Bouznad Imad-Eddine, Meriem Imen Boussadia, Djamel Bengusmia, Amira Chorfi**  
*Monitoring Drought for Cereal-Based Food Security in Semi-Arid Regions of Northeast Algeria*
- 17. SELMA Bouchair, Chayma BOUCHAR, Taqiyeddine BENSOUILAH, Moussa HOUHAMDI**  
*Unraveling Animal-Driven Fecal Contamination and Surface Water Degradation in the Seybouse River Through a Multi-Index Approach within a One Health Framework*
- 18. MAROUA Boucharma, Mohcen Mena, Mohamed Cherif Maazi**  
*Inland Water Bodies in Post-Fire Forests: A One Health Perspective on Ecosystem Recovery and Biodiversity*
- 19. HANENE BOUCHIHA, LOUAFI Hadil, MECHEHI Hind**  
*Smart agricultura sensing system integrated with an intelligent application*
- 20. NABILA Bouhaddouda, Amina DRIDI**  
*Antioxidant and anti-inflammatory potential of Salvia officinalis L. essential oil in the prevention of emerging diseases*
- 21. LEILA BOUHAFS, Chahinez BOULLOUF, El hadjela DERAÏ, Houria OULED-HADDAR, Claire BRUN, Elara N. MOUDILOU**  
*Placental glycogen storage and GLUT4 expression in streptozotocin- induced diabetic rats during gestation*
- 22. RANIA BOUKERZAZA, Chamseddine Derabli, Chawki bentsouici, Abdellatif Ben kaida, Rami Boumendjel**  
*Biological Profiling of Halogenated Salicylaldehyde-Derived Imine and Amine Derivatives: Antioxidant Capacity and Anticancer Activity*
- 23. KARIMA BOULAHIA, Sihem OSMANE, Chaima OULD SAÏD, Ouzna ABROUS-BELBACHIR**  
*Mitigation of Basagran®-Induced Oxidative Stress in Vigna unguiculata Seedlings by a Biostimulant Treatment*
- 24. CHAHINEZ Boullouf, Leila BOUHAFS, El hadjela DERAÏ, Houria OULED-HADDAR, Claire BRUN, Elara N. MOUDILOU**  
*Histopathological and Morphometric Characterization of Placental Dysfunction, Oxidative Stress, and Caspase-3-Mediated Apoptosis in Diabetes During Pregnancy*
- 25. NOUR EL-HOUDA BOUMAAZA, Abdelkader DJOUAMAA, Hana BOUZAHOUANE, Moundji TOUARFIA, Kaouther LAÏBI, Rayene DJABOURABI, Azzedine CHEFROUR**  
*Ethnoculinary Practices Shaping the Ethnomedicinal and Food Safety Potential of Cherry (Prunus spp.) in the Souk Ahras Region, Algeria*
- 26. KHANSA8 Bouserhane , ZABOURI Younes, BOUFADI Yasmina**  
*Screening and effect of therapeutic molecules on metabolism in diabetic rats*
- 27. ZAKARIA BOUSSAADA, Radia DRAÏAÏA, Abd el ghani BOUAMRANE, Nabila ATHMANI, Tarek HAMEL, Ali BOUAZIZ**  
*In Silico Molecular Docking Study of Luteolin and Apigenin from Lantana camara L against Amyloid Precursor Protein (APP) as Potential Anti- Alzheimer Agents*
- 28. HANANE NADIA BOUSSENAENE,**  
*Assessment of the Inula Viscosa plant's prooxidative impact in vitro*
- 29. NAIMA Boutabba, Mohamed Lamine Toumi, Radia Djelloul**  
*Preliminary phytochemical screening of methanolic extracts of Rosmarinus officinalis L. and Papaver rhoeas.*
- 30. SAFINEZ BOUTRID,**  
*Protective effect of the flavonoid extract of Ranunculus repens against hyperglycemia and pancreatic damage in an experimental model of glucotoxicity*
- 31. FATIMA BRAHMI, ADJROUD OUNASSA, SAOULI ASMA**  
*Antioxidant role of zinc in preventing histological and hormonal alterations induced by hexavalent chromium in the adrenal gland of pregnant rats*
- 32. DERSOUNI CHAHRAZED, Hanane LABED, Mouad BOULACEL, Salima AZZOUDI, Mostafa LAFHAL**  
*Phytochemical and Antioxidant Investigation of Silybum marianum*
- 33. HADFI CHAÏMA , DJERMANE NADIA, BEN AÏCHA BRAHIM**  
*Breast Cancer as an Emerging Public Health Priority in Tebessa, Algeria: A Retrospective Analysis of Molecular Subtypes and Clinicopathological Patterns (2018-2024)*
- 34. LILYA Chelbi, Ferhati Habiba, Chelbi Narimane, Bairi Abdelmadjid**  
*Polyphénols du fenugrec comme candidats anti-diabétiques : étude in silico intégrant Docking, ADME et toxicité*

Siège : Centre de Recherche en Environnement Avenue BOUGHAZI SAÏD, Alzone, Annaba, BP : 2024 Sidi Amar, Annaba 23001, Algérie.

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- 35. KHADIDJA CHIKH ECHIOUKH, MOKHTAR Mériem, KEDDARI Soumia**  
*Extraction and Characterization of Calcium Carbonate from Sea Urchin Shells from the Algerian Coast: Comparison with a Commercial Standard*
- 36. AMIRA Chorfi, Zinette Bensakhri, Rabah Zebsa, Houda Moumeni, Abdeldjalil Youcefi, Omar Ramzi Ziouch, Ayed Hayet, Sadek Atoussi, Kebabi Abir, Soussi Yassamine, Chorfi Mouhamed Amir**  
*Engineered TiO<sub>2</sub> and Fe<sub>2</sub>O<sub>3</sub> Nanoparticles Drive Emerging Toxicity in Aquatic Invertebrates*
- 37. AMEL CHOUABIA, Leila MALLEM**  
*L'intérêt de la plante spontanée Genista numidica dans l'atténuation de l'abamectine*
- 38. RAYENE DJAABOURABI, Hana Bouzahouane, Moundji Touarfia, Abdelkader Djouamaa, Mohcen Menaâ, Kaouther Laibi, Nour El Houda Boumaaza, Azzedine Chefrour**  
*Enhancing Food Safety and Sustainable Cherry Production through Biodiversity-Driven Pollination Strategies in Souk Ahras, Algeria*
- 39. BOURAS Djahida Amel , AMOURI Adel Amar**  
*Phenotypical diversity of faba bean (Vicia faba L.) in Algeria and selection of salt-tolerance and sensitive ecotype.*
- 40. CHAHINESE djebrane, Amine Berghiche**  
*Evaluation of Sawdust as a Low-Cost Adsorbent for Pharmaceutical Residue Removal: Implications for One Health and Antimicrobial Resistance*
- 41. DJABALI Dounia, Naimi Dalila, Panzavolta Silvia, Caliceti Cristiana, Angela punzo, Bouhadjar Meroua**  
*Optimization of Mucin-Based Nanoparticles for Punica granatum Delivery and In Vitro Evaluation on Human Colorectal Cancer Cells (Caco-2) in the Context of IBD Progression*
- 42. DJAMEL EDDINE ELMEZOUED ,**  
*Impact of biofertilizers on the agronomic performance of artichoke (Cynara scolymus L.) cultivated under semi-arid conditions (Relizane, Algeria).*
- 43. NADJET ENNAGHRA , BOUDJELLAB ZINE EDDINE, GHANNAM MAYA, BOURZAMA GHANIA, BOUNHILET WIDED, BOUDJBIBA DJABALLAH HANA, RAMDAN ASMA**  
*Prevalence of superficial mycoses in skikda region.*
- 44. MOHAMMED Mazouzi, Mazouzi Mohammed, Yaacoub Fadjeria**  
*Study of the nutritional value of red meat from animals raised in the Biskra and Khenchela region*
- 45. DOUAA MESSAOUDI, Douaa MESSAOUDI, Amani BEDDIAF, imane FELLAH**  
*Ethnobotanical Study Of a Medicinal Plant -Euphorbia paralias L. - In The Wilaya Of El Taref; North-East of Algeria.*
- 46. KHADIDJA Fellah, Hoggui Ghoufran**  
*Potential Antidiabetic Effects of a Polyherbal Aqueous Extract in Alloxan-Induced Diabetic Rats*
- 47. SELMA FERHI, Meriem HADFI**  
*Navigating Malnutrition In Cancer Care: A Structured Overview*
- 48. ABDELAZIZ FRIH , Nadia ZIANE, Rached HADIBY, Hacene FRIH, Rachid ROUAG**  
*Hematological Biomarkers of Environmental Stress in the Mediterranean Pond Turtle (Mauremys leprosa) from Contrasting Freshwater Habitats in Northeastern Algeria*
- 49. DOUNYA ZAD Ghariani, Wassila NADJI, Rania Boukerzaza, Selima BENAOUF, Rania BENALIA**  
*Green synthesis of chitosan nanoparticles from fungal sources*
- 50. LADACI Hadjer, LOUDJANI FARIDA, LADOUALI ZINEB, ABDENNOUR CHERIF**  
*Étude de l'effet de cistus monspeliensis sur l'intégrité génomique des spermatozoïdes chez le rat mâle soumis à une toxicité au plomb*
- 51. IMANE HAMD, Ouafa DEROUICHE, Ouahiba FARES**  
*Statistical study of colorectal cancer in the wilayas of El Oued, El Meghaier and Ouargla*
- 52. MOHAMED AMINE HIMEUR, TARIGHT-MAHI Samya, MAHI Ahmed**  
*Assistant clinique BPCO : première application web algérienne d'aide à la décision clinique basée sur l'intelligence algorithmique — vers une médecine de précision accessible*
- 53. DJEDI Hind, MECHAKRA.H, BELLOUTI.C, MERDES.L**  
*Stomatite prothétique et biofilm : une approche one health*
- 54. HEBBALI Houcine, Medjdoub Amel, Chouari Kamel, Merzouk Amel, Merzouk Hafida**  
*Magnésium et homéostasie glucidique : implications dans l'insulinorésistance*

- 55. SABRINA MANEL kaddour,**  
*Antioxidant-Mediated Hepatoprotection of Ephedra alata in a Rat Model of Oxidative Liver Injury*
- 56. RAYENE KADRI, DJEKOUN Abdelhamid**  
*In Silico Design of a Novel High-Permeability Biguanide drug*
- 57. LABIBA KAHALERRAS, Ines OTMANI, Lyes KHENE**  
*Toxicological Effects of Metal Oxide Nanoparticles on the Terrestrial Bioindicator Cornu aspersum*
- 58. HOUSSEM EDDINE KEHILI, Khawla OTMANI, Khadidja BEKHOUCHE, Saber Messaoudi, Amira LABED**  
*Exploring Plant-Derived Therapeutics for Emerging Health Challenges : Real-Time Cell Analysis of Algerian Atriplex halimus L. Anticancer Potential*
- 59. FARID Kenas,**  
*Intelligence for Heart Disease Prediction: A Neural Network Approach for Human Health Monitoring*
- 60. ZOULIKHA KERMICHE, Mounira ARIECH, Omar AOUN, Abed ARABI**  
*Contribution of Lactic Acid Bacteria to the Production of High-Value Biomolecules*
- 61. BENABBAS khaled, Trirat Tabet, Chouafa Mohamed, Ali Rachedi Sofiane, Hocini Imene, Benhalima Hadia, Chibini Heithem**  
*Engineering Soil Moisture Retention Using Polymer–Biochar Composites.*
- 62. AMEL KHEROUF , Marwa Kherouf, Imene Tebboub, Housseem Chenna, Ouassila Aouacheri, Sarra Lamari**  
*Antityrosinase Potential and LC–MS/MS-Based Compound Profiling of an Aqueous Ultrasound-Assisted Extract of Lavandula stoechas*
- 63. ZAKARI KHEZNADJI,**  
*Agricultural wastes Biomass synthesized materials for removal hazardous pollutants*
- 64. NADA Khiari, Akila DJEBBAR**  
*Artificial Intelligence–Based Approaches for Enhancing Healthcare Interventions and Support for Children with Autism Spectrum Disorder*
- 65. HAMDIKEN Malika , BOUZITOUNA Amina, OUMEDDOUR Mehdiya, FOFANA, Adama Aliou, LAOUAR Hadia**  
*Enhancing food safety through sustainable biotechnological modulation of bean using date seeds agricultural waste*
- 66. KHEROUF Marwa, Kherouf Amel, Tebboub imen, Housseem Chenna**  
*Evaluation of the antityrosinase potential of stigma maydis extract and lc–ms analysis*
- 67. SAMAI messaouda, Aicha HAMMOUDI**  
*Removal of Paracetamol from Aqueous Solution Using Activated Carbon : An Experimental Study*
- 68. SABAR MESSAOUDI, Housseem Eddine KEHILI, Boutheyna ARIBI, Chahinez MECHATI, Zahia KABOUCHE, Sakina ZERIZER**  
*Study of the hepatoprotective and antihyperlipidemic activities of Citrullus colocynthis (Cucurbitaceae) seed oil*
- 69. BEGGARI NAWEL, BOUDOUH N, BOUDIAF F, GRAINAT N**  
*Impact environnemental des gaz anesthésiques : quel rôle pour l’anesthésiste-réanimateur ?*
- 70. HANTACHE Rabhia , Moulai djilali, Bakhti abdenasser**  
*Optimization of Rhizobium-legume interactions to improve legume tolerance to adverse abiotic conditions*
- 71. FERIEL REMITA, Merad Faycel, Bouslama Zihad, Bencheikh Rym**  
*Utilisation des nanoparticules vertes pour la dépollution des eaux industrielles chimiques : étude de cas du laboratoire El Kendi*
- 72. ZOHRA SAIDANE,**  
*Optimization of five local feed ingredients to reduce digestive disorders and health risks in horses*
- 73. HADJER SAIFI, Rayane SAIFI, Messaouda BENABDELKADER**  
*Polarographic Approach for the Quantitative Control of Vitamin C in Commercial Fruit Juices*
- 74. BOUSSADA samira, Sadrati Nouari, Zerroug Amina, Khramsia Lynda, Yakoubi Haja, Fatmi Hichem, MEDDAD Monir, ZERROUGUI Raouf, BENREDOUANE abdallah, DEBICHE Amirouche, Aidel Mohamedredha**  
*Isolation and Characterization of Rhizobacteria from Rhizospheric Soil and Plant Roots*
- 75. ASMAA Sekkai, Sarra Louiza ABBAS, Mylissa CHAOUADI, Kamilia GHARBI, Fadila TAZEROUTI**  
*Digenean parasite infections in the red porgy (Pagrus pagrus), a sparid fish from Algeria*

- 76. SARA Siah, Ghania CHAIB, Yahia KHELEF, Saida Chougui**  
*Study of different storage temperatures on the nutritional value of two tomato varieties grown in two different environments*
- 77. AMEL Sidi Ikhlef , Kaddour ZIANI, Wafaa ARABI, Bankaddour Zeragui**  
*Assessment of Quality Attributes of Pistacia lentiscus Oil from Saïda*
- 78. SALIMA TALEB, Djouhaina Djoulah, Leila Rouigui**  
*Eating behavior, nutritional status and digestive disorders in children with autism spectrum disorders*
- 79. SALIMA TALEB, Amira Aounallah, Sara Mezhoud**  
*Breast cancer hereditary, dietary and environmental risk factors in eastern algeria: a retrospective case-control study*
- 80. TAHAR Tata, Lazhari TICHATI, Ibtissem ANGUEL, Saoussene CHERNINE, Ikram OUARI, Abd el Malek HASNI**  
*Initial Assessment of Macroplastic and Microplastic Pollution in the Gulf of Annaba (NE Algeria)*
- 81. IMANE TEBBOUB, Maroua KHEROUF, Amel KHEROUF, Leila AILANE, Malika SAIDI, Manel BEKHAKHECHE**  
*UHPLC -MS/MS phytochemical profiling and in vitro  $\alpha$ -glucosidase inhibitory activity of Marrubium vulgare L. methanolic extract from Algeria*
- 82. NAFISSA TELAILIA,**  
*Study of osmotic pressure in potato*
- 83. NADA MALAK ZABOUB, Amira Leila DIB, Marzia ALBENZIO, Sabrina BOUSSENA, Said BOUKHECHEM, Hithem BOUGHERARA, Antonella DELLA MALVA**  
*Influence of Different Protein Sources on Muscle-related Biochemical Markers in Exercised Rats*
- 84. LAILA Zaima , Cherifa Aouati-Bitat, Anissa Nini**  
*Turner syndrome with isochromosome 46,Xi(Xq): a case report*
- 85. LAILA Zaima , Cherifa Aouati-Bitat, Anissa Nini**  
*Madelung's deformity is a revealing sign of Turner syndrome: a case report*
- 86. HEYEM Zaoui, Ibtissem Sakrani, Kenza Bioud, Ahmed Menad, Souad Amedah**  
*One Health Approach to Managing Irritable Bowel Syndrome : Protective Effects of the n-Butanolic Extract of Pallenis sp. in an Experimental Rat Model*
- 87. SALIMA Zemouri,**  
*Bioactive compounds, anticholinesterase and free radical scavenging activities of jujube extracts (Ziziphus jujuba L.) cultivated in Algeria*
- 88. NOUR EL HOUDA ZIAT, Serine SOUDANI, Wafa TAHAR, Rayene FERRAH**  
*Drought Tolerance in Barley (Hordeum vulgare L.) : Linking Leaf Water Status and Membrane Integrity with Grain Quality and Food Safety*
- 89. IMANE ZOUAGRI, Massakib Bekkaye** *Enhancing Maize Productivity and Food Safety under Saline Stress Using Plant Growth-Promoting Rhizobacteria (PGPR)*

## Day 2: Food Safety & Emerging Diseases

### Morning

 **08:00 – 09:00: Registration**

 **Oral Session 1 – Food Safety**

 **09:00 – 12:00 (10 minutes for each communication)**

**Moderator:** Pr. DJEBAR Mohammed Réda; Dr. Nabila Berrighi; Pr. Fadila Khaldi

**Prof. JAOUADI Bassem-NGS-Based Discovery of Extremozymes from Tunisian and Algerian Biotopes: Toward Sustainable Industrial and Environmental Applications within a One Health–Driven Circular Bioeconomy**

### FOOD SAFETY

#### ORAL COMMUNICATIONS (16)

- 1. SEMMARI Amani, Azzedine Abdi, Karima Bouti, Faiza Baali, Nadjette djemouai, Atika Meklat, alim Mokrane**  
*From Cymbopogon schoenanthus Essential Oils to Poultry Feed Safety: Inhibition of Fungi and their Aflatoxin B1 production*
- 2. MOUNIRA AZOUZ, Hakim Bachir, Samiha Benarous, Wassima Lakhdari, Abderrahmane Dehliz, Mohammed Berrakbia, Hocine Irekti, Farah Baroudi, Moussa Mokhtari, Malika Douzane, James Jacob Sasanya**  
*“Application of Nuclear and Isotopic Analytical techniques for enhanced food safety monitoring in Algeria”*
- 3. HAKIM BACHIR, Mounira Azouz, Mohamed Berrakbia, Wassima Lakhdari, Abderrahmane Dehliz, Hocine Irekti**  
*Environmental Impact of Pesticide Use and Transfer to Food Products: The Case of Tilapia Farming in Pond Systems*
- 4. ALI Becheker, Ali Becheker, Neila Bada, M. Hichem Kara, Lamy Chaoui**  
*Application of the One Health Concept to the Study of Mugilidae Species in Algeria*
- 5. RYM BENCHEIKH, Faycel Merad, Feriel Rémita**  
*Food Safety in Street Food Sector in Algeria: A One Health Approach to Hygiene Practices and Public Health Risks*
- 6. KAMEL Boubakri, María Cecilia Aristimuño Ficooseco, Franco Segli, Tayeb Idoui, Patricia Castellano, Lucila Saavedra, Graciela Vignolo**  
*Lactic acid bacteria isolated from laboratory-prepared Kaddid for autochthonous functional starter culture selection. Focus on spoilage prevention and safety*
- 7. BILAL BOUFEKANE, Hasnia ABDEL DJEBAR, SOUSSI Fayçal, Elyes KELAI**  
*Seasonal distribution of toxic heavy metal levels (Pb, Cd, Al) and trace elements (Cr, Cu, Zn, Fe) in hepatic and muscle tissues of the salema *Sarpa salpa* (Linnaeus, 1758) from Beni-Saf Bay: risk assessment for consumers*
- 8. ANISSA DERDER, Selma BEKKA, Meryem Yassamine KHELIL**  
*Valorization of Moringa oleifera Seed Coat as a Natural Antibacterial Ingredient for Safe Functional Muffins within a One Health Framework*

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## 10:05– 10:30 Coffee Break & Networking

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- 9. KHADRA Gabsi, Djebbar Zakarya, Boustaila Sakina Riane, Boudalia Sofiane, Bousbia Aissam**  
*A One Health Approach to Aflatoxin M1 Contamination in Raw Milk: Linking Animal Feed, Milk Safety, and Human Health*
- 10. SAHAR HUSSEIN , Amani M.D. El-Mesallamy, Abdelmohsen M.Soliman**  
*Natural Preservation Strategies Using Pomegranate Peel and Rosemary Leaf Extracts*
- 11. AHLAM Khallef, Islam Dammak, Synda Chenenaoui, Zohra Hamdi, Selim Jallouli, Ahmed Mliki, Sami Sayadi, Mahmoud Gargouri**  
*Biopreservation of dates using citrus peel waste-derived essential oils: a circular economy approach to postharvest mycotoxin control*
- 12. ASMA KHEDDOUMA, Laiche AOUIDANE, Abdelwaheb BENHOCINE, Houssemeddine BENTOUNSI, Ramzi BEZGHICHE, Houria BOUTERAA, Dalia KELLIL**  
*Antibiotic-resistant bacteria in food: a molecular investigation of an emerging global threat in table eggs*
- 13. KIDAR Oumaima Ilham, Messaoud BOURAGBA**  
*Foodborne Pathogens in Ready-to-Eat Salads: Detection of Salmonella spp. and Listeria monocytogenes*
- 14. FATEN RAHMANI, Habiba KOUKI, Moktar HAMDI, Souhir BOUAZIZI, Mohamed, Amine KHAMMASSI, Widad ZERNADJI, Mouna SOUIHI, Sylwester BULKA, Urszula GRZYCZKA, Fatma HMAIED**  
*Decontamination and preservation of physicochemical quality of dried tomatoes using Low energy e-beam.*
- 15. HALLACI somia, Zebsa Rabah, Bensakhri Zinette, Djebbar Zakarya, Houhamdi Moussa**  
*Risk Assessment of Dairy Products in Eastern Algeria*
- 16. DJAMAI ZAHRA, Baada Neila, Arif salah , Belbel Fatma, Sali Linda, Mellouk Fatma zohra**  
*Pollinator Supporting Flora of a Mediterranean Wetland: A One Health Perspective on Food Safety and Ecosystem Services*

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## 12:00-14:00 Lunch Break

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## Oral Session 2-Emerging Diseases (ED)

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 **14:00-15:00 (10 minutes for each communication)**

Moderator : Pr. Tarek Merad ; Pr. Ali Bouattour ; Pr. Idir Bitam ; Pr. Souad Zitouni

### ORAL COMMUNICATIONS (5)

- LATIFA AIDAOU, Houssef Eddine AMIRI, Zahira BOUDIAF, Fatma Zohra KROUMA**  
*Hydatid Cyst Mimicking Ovarian Cyst : A Case Report*
- MOUNIRA Belkharchouche, Keltoum Bettaher, Chahinaz Youcef, Abdallah Aouadi**  
*Epidemiological profile of Leishmaniasis in Tiaret (Northwest of Algeria)*
- ZAHIRA BOUDIAF, Z. Boudiaf, H. Sehab, A. Bouaricha, A. Touaref, D. Benabid, F.Z. Belloucif, S. Benyahia-Hamidi, M. Berredjem, S. Nedjai, A. Mammeri**  
*Clinical and Prognostic Features of West Nile Fever at the Infectious Diseases Department of Annaba University Hospital (2024-2025)*
- MAMMAR Khames,**  
*Is the cessation of vaccination of small ruminants with Rev-1 responsible for the highly endemic situation of human brucellosis in Algeria ?*
- FAROUK Laabassi,**  
*Epidemiology of Orthoflaviviruses in equids in Algeria*

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## Poster Session (Food Safety)

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 **15 :00 – 17 :00**

Moderator: Room 1 / Screens S1 & S2: DR. ZERIRI Ibtissem; Dr. SOUSSA Amel      **Poster FS 01-25**

Moderator: Room 2 / Screens S1 & S2: Dr. BENDJAMA Esmâ; Dr. DJAMAI Zahra      **Poster FS 26-50**

Moderator: Room 3 / Screens S1 & S2: Dr. MANSOURI Rachida; Dr. GASMI Intissar      **Poster FS 51-86**

### POSTER COMMUNICATIONS (86)

- DIHIA AIT CHERIF, F. ADJEMOUT, M. AZOUZ, H. BACHIR, J. HOUDEIB, G. ZITOUNI, I. ATTIA, S. LAMMI, M. Douzane**  
*“Food Safety Assessment on Animal-Derived Foods: Detection of Pesticide and Antibiotic Residues Using Nuclear Techniques”*
- DJEBAR Alia, Lyes KHENE, Houria BERREBBAH**  
*Ultra-processed foods in Algeria: A new Public health challenge.*
- HAMDANI AMEL, Amina RABEI, Isma MERAD, Nedjoua ZAIDI**  
*Biomarkers Responses in the Edible Bivalve Donax trunculus Following Exposure to depuration period*

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- 4. AICHA BEYA Amira, Ouafa Saadlaib, Mounia Aouissi, Hadil Hazem, Ouafa Khammar, Hocine Frihi**  
*Influence of Anthropogenic Nutrient Gradients on Dinophysis Dynamics in Annaba Bay (SW Mediterranean)*
- 5. IBTISSEM Anguel, Tahar Tata, Lezhari Tichati, Leila Amrani-Kirane**  
*Toxicological impact of Aluminum Phosphide on Pulmonary Tissue and Oxidative Stress Biomarkers in Male Wistar Rats*
- 6. IMANE ATAILIA, Rokaia CHIH, Rahma BOUCHELKIA, Anis CHIKHOUNE**  
*Antioxidant effect of mastic essential oil (Pistacia lentiscus L.)*
- 7. LILIA Ayachi, Amina Salhi Mesbahi**  
*Bacteriological Quality of Spring Water in the Séraïdi Region, Annaba*
- 8. NEILA BADA, Zahra Djemai, Ali BECHEKER, Salah ARIF, Intissar GASMI**  
*Spatial Assessment of Coastal Vulnerability in the Gulf of Annaba: Implications for Marine Food Security within a One Health Framework*
- 9. NEILA BADA, Farid DERBAL**  
*Range Expansion and Abundance Increase of the Invasive Brachyuran Percnon gibbesi and Its Ecological Effects on Native Decapods in the Gulf of Annaba*
- 10. IMÈNE BECHEKER, Ali BECHEKER, Chaima BATTAZE, Lina BOULABEIZ, Nada BOUHEDDOUF, Mayssa BOULEKHSSAIM**  
*Microbiological safety assessment of packaged and bulk spices commercialised in the Wilaya of Skikda (Algeria)*
- 11. MOHAMED ANESS BEKADA, Yasmine BENABDESSELEM, Taha Ahmed BENABBOU, Rachida MEKKI, Kadda HACHEM**  
*Prebiotic Potential of Foeniculum vulgare Mucilages in Probiotic Yogurt Formulations*
- 12. INES Bekhouche, Meriem FERFAR, Nihed BEKHOUCHE, Youssef DRIOUCHÉ**  
*Bread Improvers and Food Safety : A One Health Toxicological Assessment Using Helix aspersa*
- 13. SABER Belhaoues, Amri Sandra, Benhalima Lamia, Rahim Ouahab, Chouafa Mohamed, Bensouilah Mourad**  
*Coliform Bacteria in Perna perna Mussels from Annaba Gulf: Environmental Drivers and Food Safety Implications*
- 14. SALIMA Benaouf, Sana Ghorri, Khaoula Zahri, Ouafa Benserradj, Dounia Zed Ghariani, Rania Boukerzaza, Ilhem Mihoubi**  
*Isolation, molecular identification and mycotoxin profiling of entomopathogenic fungi: implications for food safety and biocontrol*
- 15. ESMA Bendjama, Widad CHELAGHMA, Imane GHEBACHE, Khaoula Lamis GHOUAS , Jean-Marc ROLAIN and Lotfi LOUCIF**  
*Occurrence of Foodborne Pathogens in Retail Raw Milk from Batna, Algeria, Identified by MALDI-TOF MS*
- 16. MOSTEFA Bendjima,**  
*A Smart Approach to Food Safety Using WSN and IoT*
- 17. HADIA Benhalima, Hana SBARTAI, Ibtissem SBARTAI**  
*Impact of Heavy Metal Contamination on Durum Wheat: Implications for Crop Quality and Food Safety Standards*
- 18. ZINA Benhamma , Nora Ghaliaoui, Karima Aoues, Smail Megatli, Fahima Benhemma**  
*Biodegradable packaging from Agro-Waste for Food Safety Applications*
- 19. YASMINE BENNADJI, Kawther TOUIOUI**  
*Assessing the Impact of Microplastic Pollution on Freshwater Ecosystem Health and Food Safety*

**20. MAROUA bensaid , Cheraitia Souad, Yaiche Fatma, Meksem Roubeila, Farfar Khadija, Djebar Berrebah Houria**

*Protective effect of plant extracts against combined toxicity (NiO, Cd) in Lactuca sativa*

**21. NABILA Berrighi, Chaima GHERZOULI, Zahra Nour El Houda KHIAR, Amira BENAICHA, Karima BENAICHA**

*Impacts of Olive Oil, Beans and Bay Leaf Flours as Functional Ingredients on Chips Antioxidant Activity and Antimicrobial Growth*

**22. RADI BEZZAH, Guendouz DIF, Housseem CHENNA, Omrane TOUMATIA**

*Genomic Characterization of the Biocontrol and PGPB Potential of Pseudomonas lactucae WH6: Towards an Integrated Approach to Crop Food Safety.*

**23. SAMIA Bouanani, Boutheina Soltani**

*A study of the physicochemical, microbiological and sensory quality of Camembert cheese made from cow's and goat's milk produced at the Edough dairy*

**24. SAMIA Bouanani, Oumaima Saadjellal**

*Physico-chemical, microbiological and sensory evaluation of three Algerian commercial flans (Edough, Soummam and Hodna)*

**25. HANENE BOUCHIHA,**

*Assessment of pesticide toxicity in Wistar rats: focusing on different indicators*

**26. RAMZI Boumachrouk, Fayçal Khelfaoui**

*From Mine to Field: Acid Mine Drainage Driven Metallic Trace Element Contamination of the Oued Essouk-Guenitra Dam System: A Food Safety Concern (NE Algeria).*

**27. GHANIA Bourzama, Sarah Benouagueni, Tichati Lazhari, Khaoula Boudjaber, Lilia Boussouf, Chaima Sallami, Merabet Abdennour**

*Natural Additives from Wild Fruits: Their Role in Yogurt Quality and Preservation*

**28. HANA BOUZAHOUANE, Rayene Djabourabi, Moundji Touarfia, Abdelkader, Djouamaa, Mohcen Mena, Kaouther Laibi, Nour El Houda Boumaaza, Azzedine Chefrou**

*Consumer Perceptions, Consumption Patterns, and Food Safety Awareness of Cherries in Souk Ahras, Algeria*

**29. NAIMA CHAMLAL, Amira BOUAZIZ, Seif Eddine GUEZEI, Akram Abdesslam**

*Evaluating the effectiveness of household lettuce washing methods: A microbiological study in Batna, Algeria*

**30. NARIMENE CHELBI, Leila MALLEM, Cherif ABDENNOUR**

*Effets histopathologiques du lambda-cyhalothrine sur les testicules et l'épididyme de rats Wistar*

**31. MOUNIR MOUHAMED Chentouh, Aissa Boutebba, Christiane Hilger, Stéphanie Kler**

*Impact of simulated gastric and intestinal digestion on the allergenicity of cowpea proteins*

**32. SOUAD CHERAITIA, BENS Aid Maroua, HABBACH Merirm, Harrat Leila, DJEBBAR Houria**

*Physiological and Biochemical Responses of Lens culinaris to Biosynthesized Metallic Nanoparticles*

**33. MAROUA CHERIBOT CHERIF, Hicham Boughendjioua, Hazem S. Elshafie, Ippolito Camele, Tarek Tahraoui**

*Purity evaluation and antifungal activity of Cinnamomum camphora essential oil*

**34. FATMA DJAMAA, Meriem ROUAIGUIA, Asma HAMEL, Widad BELKHIRI, Sofia SOUDANI**

*Evaluation of Aspergillus flavus Contamination in Wheat and Its Impact on Human Health via Mycotoxins*

**35. AROUNE Djamila, Belblidia Hassina, Ayati Houria**

*The organoleptic and microbiological quality of a cheese made with mint leaf*

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- 36. ZAKARYA Djebar, Soumia HELLACI, Sakina-Riane BOUSTAILA, Khadra GABSI, Samia BATTAH**  
*Analyse de la qualité sanitaire du lait cru : de la production à la transformation*
- 37. SAMIA Djeflal, Walid Kellil, Souheila-Bouchra Benlaksira, Faiza Tekkouk, Rachida Aimeur**  
*Physicochemical and Microbiological Quality Assessment of Poultry by- Product Meal*
- 38. KHADIDJA Farfar, Amira YOUNI, Manel DERRADJI, Bensaid Maroua, Berrebbah Houria**  
*Performance de la phytoremédiation par Mentha aquatica L. dans l'abattement des indicateurs microbiens :  
Sécurisation de la chaîne alimentaire dans le Nord-Est algérien.*
- 39. SAMIA Fernane , Mohamed Ezzouaoui, Mohamed Tarek Lebres**  
*Food quality assurance. A case study on the monitoring of good hygiene and manufacturing practices for mineral water*
- 40. HALIMA GRINI, Karima ZAALANI, Leila AILANE**  
*First evidence of microplastic contamination in Honeys from Skikda, Algeria*
- 41. DELHOUM HADIA, AIZA Asma, AMIRA Khedidja, DJEGHADER Nour El-Houda**  
*Phytochemical Characterization and Evaluation of the Antioxidant Potential of Honeys from Different Botanical Origins: Implications for Quality and Food Safety*
- 42. BENNACER AND HADDAD Hadjer and Hind, HADDAD Hind, BERGAL Amira, BOUMARAF Warda**  
*Study of Melliferous Biodiversity and Honey Diversity in the Wilaya of El Tarf: Beekeeping Survey, Assessment of Quality and Food Safety, and Ecological and Economic Valorization*
- 43. NOUZHA HELEILI , Dorea Ameer, Fares Khermouche, Manel Merradi, Zahra Rouabah, Yasmine Oucheriah, Safia Belkhir**  
*Effect of Mentha x piperita L. and Mentha longifolia flavoring on physicochemical, phenolic, antioxidant, and antimicrobial properties of Algerian apple vinegar*
- 44. IMENE Heroum, Amel Soussa**  
*Food Safety and Public Health: Risks, Prevention, and Control*
- 45. BEBOUR Hiba, Benhalima Lamia**  
*Evaluation of Biofilm Formation by Multidrug-Resistant Klebsiella oxytoca on Copper Surfaces*
- 46. BEBOUR Hiba, Benhadj Mabrouka, Zitouni Abdelghani**  
*Application de la spectrométrie de masse MALDI-TOF pour l'identification des bactéries pathogènes isolées de viandes commercialisées à Annaba (Algérie)*
- 47. HAMZA houamria, Fayçal Layachi, Abdelali Merah**  
*Kinetics of Nitrate Degradation in Food Products*
- 48. HAMZA Houamria, Layachi Faycel, Merah Abdelali**  
*Contrôle qualité des boissons gazeuses : dosage des phosphates*
- 49. ASSIA KALARASSE,**  
*Ergot (Claviceps purpurea), a Menace to Humans and Animals*
- 50. LAIBI Kaouther, Touarfia Moundji, Bouzahouane Hana, Djouamaa Abdelkader, Mena Mohamed, Boumaaza Nour el houda, Djabourabi Rayene, Chefrour Azzedine**  
*Innovative Techniques for Sustainable Food Safety: Agroecological Pathways for good production of cherry fruits (Prunus avium.L) in Souk Ahras orchards North East Algeria*
- 51. NADJET Khacha , Gherairia Nesrine, Awatif Fetouhi, Wafa Rezaiguia**  
*Isolation and Selection of Extremotolerant Lactic Acid Bacteria Strains with Potential Applications in Food Safety*

- 52. NOUR ELIMAN KHECHAI, Latifa BOULTIF, Assia BOUDEBZA, Yousra BOUNAH**  
*Antibiotic Residues in Milk: A Review of Current Data and Health Implications*
- 53. MERYEM YASSAMINE KHELIL, Sabah RAZI, Karima KADRI, Malak FILALI, Anissa DERDER, Fatma SOUISSI**  
*Salicylic Acid-Induced Activation of Antioxidant Enzymes in Tomato Plants Challenged with Fusarium oxysporum: A Food Safety Perspective*
- 54. LYES KHENE, Berrebbah Houria, Djebar Mohammed Reda**  
*Phytotoxic Effects of Ibuprofen Residues on Wheat (Triticum aestivum): Impact on Growth, Chlorophyll Content, and Oxidative Stress Biomarkers*
- 55. AMINA Labeled, Soumia Sebaa, Jerzy M Behnke, Marawan A Abu-Madi**  
*Food-Related Risk Factors and Seroprevalence of Toxoplasma gondii Among Pregnant Women in Southern Algeria*
- 56. BELKISSE Laraisia, Wissem ABDAOUI, Rym MERABET, Djamel Eddine BENOURETH**  
*“Global Glyphosate Contamination: Interactions Among Environment, Food Systems, and Human Health”*
- 57. SALIHA LAROUCI, Meriem ABDI, Farid BENSALAH**  
*Molecular Identification of Enterococcus species and Their Interaction with Probiotics in Foodborne Infections*
- 58. NORA MAHFOUF, Nourhane NACER, Hayatte MASSOUDI, Asma HADJI, Yasmine BEKHOUCHE, Anfel BOUSSAFSAF**  
*Assessing Food Safety in Two Tilapia-Based Integrated Farms in Northeastern Algeria: A One Health Perspective*
- 59. MOUNIA megaache, Imène KERBACHE, Omar BENNOUNE**  
*Microbiological alterations in local sardine (Sardina pilchardus) subjected to repeated freeze–thaw cycles: Implications for food safety*
- 60. MESSAOUDA MERAGHNI, Raouhia Messiad**  
*Phytochemical Composition and Food Safety Potential of Olea europaea L. Chemlal Leaf Extracts*
- 61. MELBOUS Meriem, Doumandji Amel, Megatli Smain**  
*From Compliance to Continuous Improvement: Assessing the Real Impact of ISO 22000 Implementation on Food Hygiene and Risk Management –Case of Ambassadeur Chocolate (Bimo).*
- 62. INES Merouani, Ketif Amel**  
*Surveillance des résidus de pesticides dans les agroécosystèmes du colza : défis pour la durabilité et la sécurité alimentaire*
- 63. ROUHIA Messiad, Messaouda Meraghni, Ouissal Saci**  
*Fumigant toxicity Assessment of Thapsia garganica Essential Oil Against Two Major Stored-Product Pests (Cadra cautella and Ephestia kuehniella)*
- 64. ALDJIA MIHOUBI, Manel YOUB**  
*Physico-chemical analysis of fajitas and shawarmas in fast-food restaurants of Batna : Effects on nutritional balance and associated Health risks*
- 65. ATOUI Naouel, Rouissat Lineda, Toul Fethi, Djaaboub Serra, Gouri Seif, Berroukche Farid, Guediri Kamilia**  
*Impact of the essential oil extracted from lemon zest (Citrus limon) on the physicochemical quality and microbiological safety of chicken meat*
- 66. BOUDJEMA Naouel, LOUDJANI Farida**  
*L'effet protecteur des fleurs d'Opuntia ficus indica contre la toxicité induite par l'acétate du plomb chez le rat mâle wistar.*

- 67. MOUMENI Nardjes, Bouchareb meriem**  
*Chemical Risk Factors in Food Safety*
- 68. DERAMCHIA Nawel, BENABDELMOUMENE Djilali, BOUHREM Ilyes, DAHMOUNI Said, BENGHARBI Zineb**  
*Valorization of dates in the production of a kefir-fermented beverage*
- 69. ALLIOUI Nora, MAHDJOUB Zeyneb, NECIR Khaoula, AMRANI Asma**  
*Food safety using natural products*
- 70. NAOUEL OUAALI, Fadila Zeghdoudi, Nabila Bensafia, Radia Manamani**  
*Modeling of Environmental Contamination by Heavy Metals in Flathead Mullet (*Mugil cephalus*), in Surface Waters and upper Sediment of the Gulf of Skikda (Northeast Algeria): Risk Assessment for Human Health*
- 71. BELHAMRA Rahma, BERRANEM Ahlem, OUALI Kheir Eddine**  
*Impact de la pollution anthropique des sols sur la securite sanitaire et les rendements des cultures.*
- 72. RIYADH RAHMOUNI,**  
*Detailed Phytochemical Profiling and Toxicological Modeling LC 50 /LT 50 ) of Algerian Eucalyptus camaldulensis Essential Oil against *Cydia pomonella**
- 73. ZAHRA ROUABAH, Nouzha Helleili, Manel Merradi, Khermouche Fares, Menad Hammoudi**  
*Production of traditional cheese from goat's milk and ficin, and study of certain physicochemical and bacteriological characteristics*
- 74. BOUZIANE Saad , Badreddine Saadali**  
*Valorisation de la qualité des eaux souterraines dans les zones semi-arides d'Ome El Bouaghi (Nord-Est Algérie)*
- 75. HADJER SAIFI, Rayane SAIFI, Messaouda BENABDELKADER**  
*Assessment of Antibiotic Residues in Chicken Livers Marketed in the Wilaya of Jijel*
- 76. SERINE SOUDANI, César POZA-CARRIÓN, Noelia DE LA CRUZ GÓMEZ, Azucena GONZÁLEZ-COLOMA, María FÉANDRÉS, Marta BERROCAL-LOBO**  
*Essential Oil-Induced Resistance in Tomato Against *Fusarium oxysporum**
- 77. RAMDANI Souhila, KANIN Ghania**  
*Fish External Pathologies as Bioindicators of Marine Pollution and Potential Risks to Food Safety in the Gulf of Béjaïa*
- 78. MAAMCHA Tahar Nazim , Bensouilah Taqiyeddine, Houhamdi Moussa**  
*Contribution of the Great Tit (*Parus major*) and Blue Tit (*Cyanistes caeruleus*) to Food Safety in Orchards of the Eastern Edough (Algeria)*
- 79. BENLATRECHE Tarek, BOUALIA Boutheina, ZERIZER M ed Amine**  
*The effect of complex dichlorido(1,10-Phenathroline K2 N,N')Diphenyltin(IV) on food safety: antifungal study of the complex (C1) against *Aspergillus brasiliensis**
- 80. FATIHA TETILI-LOUAILECHE, Farida BENDALI**  
*Prevention of food poisoning due to toxinogenic strains of *S. aureus* by incorporating a strain of *Lc. lactis* into raw milk cheese.*
- 81. KAWTHER touioui, BENNADJI Yasmine, CHELIREM Mohamed Fawzi**  
*Urban and Industrial Effluents in Irrigation Waters: Implications for Food Safety in the Safsaf Basin (NE Algeria)*
- 82. AYA Trad, Fofou Ammar, Sayed Ibtissem**  
*Impact of Agroecological Practices in a Citrus Orchard System on the Reduction of Pesticide Residues in the El Tarf Region (Eastern Algeria)*

**83. AMIRA Youbi, Manel Derradji, khadidja Farfar, Amira Afri, Ibtissem Zeriri, Ahmed Houilia, Hadj Ahmed Abbassi**

*Integrated Phytoremediation-Hydroponic Systems: A « One Health » Approach for Food Safety in Urban and Isolated Areas*

**84. IMANE Zaid, Samia Laala, Meriam Azzoug, Lyes Beninal, Franco Valentini**

*Pathogenic diversity of Algerian Pectobacterium isolates associated with potato soft rot: implications for plant health under changing environmental conditions*

**85. IMEN Zeghad, Nadia Aliouche, Houria Ouled-Haddar, Farida Bouremmad, Mohamed Sifour**

*Hexavalent chromium removal and safety assessment of a probiotic Lactiplantibacillus plantarum O7S1*

**86. LOTMANI zineb, Rezzoug Hamida**

*Thyme volatile phase: evaluation of biological activity and molecular mechanism of antifungal action*

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## Poster Session (Emerging Diseases)

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🕒 15 :00 – 17 :00

**Moderator: Room 4 / Screens S1:** Dr. BELHAOUES Saber; Dr. BENHALIMA Hadia **Poster ED 01-20**

**Moderator: Room 4 / Screens S2:** Dr. FERFAR Meriem; Dr DRIDI Amina **Poster ED 21-35**

### POSTER COMMUNICATIONS (35)

**1. AMIRA AFRI, BOUCHAALA Laid, MELLOUK Fatma Zohra, SAILI linda, BELBEL Fatma**

*Integrated Spatial Mapping of the Guerbes-Sanhadja Wetland Complex: A Strategic Tool for Pollution Mitigation and One Health Operationalization in Algeria*

**2. MEHAINAOUI AIDA, KHALFI Asma, GRAINE Ichrak, BENAMOUMA Khaoula**

*Study of the seroprevalence (IgM, IgG) of toxoplasmosis in pregnant women*

**3. RIM AISSAOUI , Zihad BOUSLAMA**

*Impact of COVID-19 Lockdown Measures on Air Quality in Annaba (Algeria)*

**4. RIM AISSAOUI , Zihad BOUSLAMA**

*Ethnobotanical Practices of Immunomodulatory Plants in Symptomatic COVID-19 Management : Perceptions and Uses in Algeria*

**5. SABRINA BAAZIZ , Houria ZAIT, Rima SAADEDDINE, Faycal ZEROUAL, Khelaf SAIDANI, Souad RIGHI, Mohamed anis HAROUN**

*Canine Leishmaniasis in Eastern Algeria: Seroprevalence and Risk Factors*

**6. MOHAMED SADEK BACHENE, Mohamed Anis Haroun**

*Assessment of Environmental Contamination and Infection Dynamics of Eimeria spp. in Broiler Farms of Medea Province, Algeria*

**7. CHIRAZ BOURAIOU, Berrebbah Houria, Djebar Mohamed Réda**

*Study of the effects of the insecticide Cypermethrin, from the pyrethroid chemical family, on some physiological and biochemical parameters of Daphnia magna*

**8. HANENE brahmia,**

*Detecting COVID-19 disease via Customized Pre-trained CNN Architectures on hybrid Dataset*

**9. SELMA Falek , Abdelheq BARBERIS**

*Circulation and Molecular Diversity of Bovine Respiratory Syncytial Virus (BRSV): A Systematic Review Highlighting the Molecular Data Gap in Algeria*

**10. AHLAM Fatmi, Wiam Saadi, Lalaoui Khoulood, Herizi Amira Wissale**

*Descriptive epidemiology of hepatitis B and C in the M'sila region*

**11. NADJET FRISSOU , Sofiane IMEKRAZ, Rachida MANSOURI, Abdeslem BOUZINA, Mohamed Tahar KIMOUR, Zihad MAAMCHA-BOUSLAMA**

*Evolution of Emerging and Reemerging Diseases in the One Health Context: Application of Predictive Models*

**12. ALIMA GHAROUT-SAIT, Dassiné BELLIL, Sabrina SAIT-DIB, Lyticia MANSEUR, Zahra BELLIL, Ouidad MENDIL, Ferhat DJOUDI**

*Detection and Phenotypic Characterization of Mycobacteria Isolated from Captive Animals*

**13. LAATRA GHEDIRI, Ismail LAFRI, Mammam KHAMES**

*Epidemiological trends of small ruminant brucellosis in Algeria: a systematic review*

**14. ASMA GUILANE, Meriem Ali ZOUAOUI, Maria TRELIS, Amina BOUTELLIS, Christen Rune STENSVOLD**

*New host records and ribosomal lineages of Iodamoeba bütschlii at the human–animal interface*

**15. MOHAMED ANIS haroun, Maamar Khames, BAAZIZ Sabrina, Said Fettata, Karine Benachour, Mustapha Oumouna**

*First Serological Evidence of MERS in Dromedary camels from Algeria*

**16. MOHAMED ANIS haroun, Ikram Haleche**

*Epidemiological assessment of human brucellosis in Algeria: trends, distribution and risk factors*

**17. SOUALAH hichem, Ayadi Ouarda, Akmoum mohammed, Boufertella Abdessamed, Mohamed Aziz Darghouth**

*Enquête sur la theilériose tropicale bovines dans la wilaya de Sétif et El Taraf*

**18. LAADJAL ilhem, Sedrati Tahar, Boubelouta Tahar**

*Epidemiological Study of Human and Bovine Brucellosis in Bordj Bou Arreridj (2017–2021)*

**19. NABILA Kara,**

*An epidemiological survey of intestinal parasitic infections in humans in the Setif region*

**20. RAYANE LAMRAOUI, Farouk LAABASSI**

*First Serological Evidence of Equine Rhinovirus A (ERAV) in Algerian Horses*

**21. MERIEM Laouabdia Sellami, Khène L, Berrebbah H, Djebar Mohammed-Réda**

*Application of One Health Approach in Aquatic Pollution Control*

**22. ASSIA ALAA Louhani, Azizi Abdennour, Bagheza Samah, Ghoulal Khireddine, Achouri Abdelhamid, Bezaïou Hiba Khadidja**


*L'étude de l'effet du parasitisme digestif réémergent sur les paramètres biochimiques chez les ruminants dans la région de Batna*

**23. DJAMEL EDDINE merad, ZEGDOUDI Mourad**

*Pathological, Epidemiological Features, and Statistical Study of Histopathological Changes in Chicken Transmissible Viral Proventriculitis*

- 24. NACER EDDINE Messahel, Khaoula Matoug, Oumnia Nehaoua, Ilyes Koussa**  
*Epidemiology and impact of climatic factors on the distribution of leishmaniasis in Setif Province*
- 25. YOUCEF ISLEM MESSARAH, Nour el Houda Maarfia, Mohamed Aimen Zeghida, Kamel Amoura**  
*Cas clinique: diagnostic de la brucellose humaine aigue au laboratoire central de biologie médicale El Bouni (Annaba)*
- 26. LEYLA Messerer, M.Zghez, N. Belhouchet**  
*Écologie Parasitaire et Santé Globale : L'Approche One Health face aux Parodontites à Entamoeba gingivalis et Trichomonas tenax.*
- 27. AKMOUM Mohamed , Soualah hichem, boufertella abdessamed, Djami samir**  
*L'importance du diagnostic précoce des affections podales chez les ovins dans la prévention des maladies à caractère zoonotiques et épizootiques.*
- 28. ZEGHDOUDI mourad, Belilet Latifa, Morsli Seloua, Bouzabata Leila**  
*The Role of Emerging and Re-emerging Animal Diseases in Understanding and Modeling Epidemiological Systems*
- 29. SAD LAIB Ouafa,**  
*First report of the Prorocentrum mexicanum–rathymum species complex in the Southwestern Mediterranean Sea: A case study from Annaba Bay (Algeria)*
- 30. AMINA SAIB, Farida Bendali, Yazid Bedouh, Fatma Belbel, Lynda Saili, Zihad Bouslama**  
*Culex pipiens at Lake Fetzara (Ramsar Site, Annaba, Algeria): Results of a recent entomological expertise ordered by the Wilaya of Annaba, based on all data collected and expertised in collaboration with the Centre for Environmental Research and the University of Annaba.*
- 31. ARIF Salah, Saili Linda, Messadia Samia, Ali Rachedi Sofiane, Chouafa Mohamed, Djamai Zahra, Mellouk Fatma zohra, Afri Amira, Belbel Fatma**  
*Algerian Urban Wetland Syndromes : When Aquatic Contamination Weaves Interspecific Pathogenesis*
- 32. ARIF Salah, Djendli Mohamed Akrem, Ali Rachedi Sofiane, Chouafa Mohamed, Belhaouès Saber, Saili Linda, Djamai Zahra, Mellouk Fatma zohra, Afri Amira, Belbel Fatma, Gasmi Intissar, Bada Neila**  
*Integrated Zoonosis Control from Reservoirs to Humans*
- 33. MENADI Sara, Boumendjel Amel, Messarah Mahfoud**  
*Impact des engrais chimiques NPK 15.15.15 sur la santé dans une approche One Health : étude expérimentale chez le rat Wistar*
- 34. NEDJOUA SEKHRI-ARAFA, Fatima Zohra BEKAKRIA, Oussema BOUMAZA, Nourhane SEKHRI, Badra AIOUN**  
*Epidemiology of superficial mycoses diagnosed at the Mohamed Boudiaf hospital in El Khroub, wilaya of Constantine*
- 35. ASMAA Sekkai, Tahar Kernif, Bachir Medrouh, Zahra Messaoudi, Hocine Ziam, Amina Boutellis**  
*Molecular Identification and Phylogenetic Analysis of Theileria spp. In Ruminants from Northern Algeria*

## Day 3: Antimicrobial Resistance & Artificial Intelligence

 **08:00 – 08:30: Registration**

 **Oral Session - Antimicrobial Resistance (AMR)**

 **08:30-11:30 (10 minutes for each communication)**

**Moderator:** Pr.Loucif Lotfi , Pr. Allaaeddin El Salabi,Dr. Mohamed AbdElgawad Elsyed Ahmed

### ORAL COMMUNICATIONS (11)

- 1. MOUSLIM Bara, Zineb Berriche, Assia Loucif, Hanane Messaoudi, Wissel Haddadi, Choubaila Hezam, Faten Trad-Khodja, Asma Mahmoudi, Dounia Rehamnia, Yasmina Lina Mazari, Abderrahmen Kaddeche**  
*Wildlife trade, pets, and pathogens: a One Health perspective on zoonotic and antibiotic resistance risks in northeastern Algeria*
- 2. CHAHINEZ Boutefnouchet, Hadjira BERREDJEM, Hayet AOURES, Seydina M DIENE**  
*Caractérisation génomique d'Enterococcus faecium résistant à la vancomycine hébergeant le plasmide Tn1546 rep17 : premier cas dépister en Algérie, serait-il un début de transfert de la résistance entre E. faecium et S. aureus*
- 3. MOUNIA Ferroudj, S.Amiri,A.Adjabi ,A.ABentorki ,A.Otmane,S. Nedjai**  
*Surveillance des méningites bactériennes : tendances microbiologiques et dynamique de la résistance aux antibiotiques, CHU d'Annaba entre 2010-2024*
- 4. KIRAT Hassina, Hamza Rahab, Zohra Chekroud, Abdelaziz Touati**  
*Emergence of Carbapenemase-Producing Escherichia coli (NDM-1 and OXA-181) in Livestock in Algeria: Evidence from Farm-Level Surveillance*
- 5. FATIMA ZOHRA Henni, Fella Hamaidi-Chergui, Yacine Boutekfa, Faiza Henni**  
*Molecular and phenotypic characterization of antimicrobial resistance in clinical klebsiella pneumoniae isolates from purulent infections*
- 6. SALMA Kloula , Khouloud IDI, Sana DHAOUADI, Faten RAHMANI, Ramzi Boubaker ELANDOULSI, Fatma HMAID**  
*Contribution of the antioxidant system and the ionic and enzymatic release to the antimicrobial synergy of malondialdehyde against coagulase -negative Staphylococci*
- 7. SAILI LINDA, Mellouk Fatma Zohra, AFRI Amira, BELBEL Fatma, ARIF Salah, ALIRACHEDI Sofiene, DJAMAI Zahra, BEDOUH Yazid, RAHIM Waheb**  
*The Emergence of OXA-48 Carbapenemase-Producing Enterobacteriaceae in Eastern Algerian Hospitals*
- 8. ZAKARIA Meskini, Herman W. Barkema, Abel B. Ekiri, Sagni R. Wadajo**  
*The role of veterinarians in antimicrobial stewardship within a One Health approach*
- 9. NADIA metallaoui,**  
*Rôle stratégique du laboratoire vétérinaire dans la lutte contre l'antibiorésistance : une approche intégrée "One Health"*

**10. ABDELMOHSEN Soliman, Aissa BENSELHOUB, Omar SEKIOU, Nadia DOVBASH**

*Bee Venom Apitherapy: A Promising Avenue for Antimicrobial Resistance (AMR)*

**11. HAJER ZIADI, Leticia Carballeira, Fadela CHOUGRANI, Abderrahim CHERIGUENE, Vanesa GARCÍA, Azucena MORA**

*Molecular Characterization of uropathogenes Escherichia coli High-Risk Clones with first report of ST1193 in Algeria*

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<  **Oral Session – Artificial Intelligence**

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 **11 :30-12 :00 (10 minutes for each communication)**

**Moderator:** Pr. Abbassi Hadj Ahmed, Pr. Mohammed Taher Kimour, Dr. Cheniti Hamza; Dr. Sekiou Omar

**ORAL COMMUNICATIONS (3)**

**1. ANFEL Ketfi, Amani Adjailia, Ghada Nemouchi, Akila Djebbar, Hayet Farida Merouani**

*The Impact of Artificial Intelligence in Asthma Prediction: A Multimodal One Health Approach*

**2. NADJET FRISSOU, Sofiane IMEKRAZ, Rachida MANSOURI, Abdeslem BOUZINA, Mohamed Tahar KIMOUR, Zihad MAAMCHA-BOUSLAMA**

*The role of artificial intelligence in achieving the one health objectives*

**3. RANIA Remmani, Messaoud Roumani**

*AI-Enhanced Biochar Systems for VOC Remediation: A One Health Strategy to Mitigate Human Cancer Risk, Protect Livestock, and Restore Groundwater Ecosystems*

**Poster Session – Antimicrobial Resistance (AMR)**

 **09:00 - 10:30**

**Moderator: Room P1 / Screens S1 & S2:** Dr. MELLOUK Fatma Zohra; Dr. AFRI Amira **Poster AMR 01-25**

**Moderator: Room P2 / Screens S1 & S2:** Dr. BELBEL Fatma; Dr. Youbi Amira **Poster AMR 26-50**

**Moderator: Room P3 / Screens S1 & S2:** Dr. BOUCHAALA Laid; Dr. SAIB Amina **Poster AMR 51-75**

**POSTER COMMUNICATIONS (75)**

**1. SONIA ADDALOU, Dalila BENREMILA, Ferhat DJOUDI, Andrea Maurizio Cabibbe and Daniela Maria Cirillo.**

*Molecular Epidemiology and Drug Resistance of Pediatric Tuberculosis in Algeria: Insights from Whole-Genome Sequencing*

**2. ABIR ADDOUDA, SMATI Maria, BOUTARFI Zakaria**

*Phenotypic and genotypic detection of NDM-1-producing gene in Klebsiella pneumoniae clinical isolates*

**3. SAMIHA AIDAOUI , Abba HECINI-HANNACHI**

*Prevalence and antibiotic resistance profile of Enterococci in hospital settings*

**4. KHOULOU AITIALEFF, Assia Fodili, Mohamed Abidi, Rayane Akmoun, Abdi Azzeddine, Aiche Souad, Benchikh Imen**

*HPLC characterization and antibacterial potential of Schinus molle essential oil*

**5. ABDELLATIF ALIOUI , BENATTOUCHE ZOUAOU, BELMIMOUN ASMAA, DJELLOULI SOUMIA**

*Activité antimicrobienne de Corallina elongata (algue rouge) du littoral ouest algérien*

**6. AMANI Amamra, Yassine Reggami, Ihcene Bouasla, Hounaida Benbouzid, Imene Bechekerd, Hajira Berredjema**

*Antibacterial and antioxidant activity of two medicinal plants belonging to the Amaranthaceae family*

**7. MATMOURA AMINA, Ibtissem RAHIM, Amine YEKKOUR, Sonia KACI, Noureddine BOURAS, Atika MEKLAT**

*Antibiofilm activity of the bioactive compounds of a marine Streptomyces sp. MBS5 against Staphylococcus aureus*

**8. BERGAL Amira, BOUMARAF Warda, NEFLA Loubna, BOUKSIBA Chahrazed, BENOURETH Djamel Eddine, Loucif Lotfi, Bentorki Ahmed Aymen, Abat Cédric and Rolain Jean Marc.**

*Distribution of serotypes, genotypes, and antibiotic resistance genes of Streptococcus agalactiae clinical isolates from Guelma, Algeria and Marseille, France*

**9. KOUT Amira, Radia BOUFERMES, Rachid ELGROUD, Douadi KHELIFI, Baris BINAY, Hajira BERREDJEM**

*Antimicrobial Resistance and Virulence Profiles of Salmonella spp. Isolated from Human and Avian Sources in Eastern Algeria*

**10. HOUSSEM EDDINE AMIRI, Latifa AIDAOUI, Mekki AIDAOUI, Zahira BOUDIAF, Fatma Zohra KROUMA**

*Impact of surface germs on the post-operative evolution of patients in the gynecology and obstetrics department*

**11. MAROUA Attoui, Adel BOULKADID, Oussama Taki Eddine NECIBI, Sarra MEKHILEF, Gouraya MAARDI, Hounaida BENBOUZID**

*In Vitro Evaluation of Silver Nanoparticles: Potent Bactericidal and Antibiofilm Effects*

**12. RANDA BAYOUD, Louiza Boudiba, Alfred Ngenge Tamfu, Sameh Boudiba, Karima Hanani**

*Green-synthesized zinc oxide nanoparticles as antibacterial and anti- Virulence agents targeting biofilm formation and quorum sensing in pathogenic bacteria*

**13. ESMA Bendjama, Widad Chelaghma, Ahlem Khireddine, Amina Kechida, Fahima Amokrane, Hanine Bouamra, Jean-Marc Rolain, Lotfi Loucif**

*Comparative Occurrence of Antibiotic-Resistant Gram-Negative Bacteria in Retail Red Meat and Chicken Meat in Batna, Algeria : A One Health Perspective*

**14. MADJDA Bensaci, Sara KHELIFA, Mohammed Didi OULD ELHADJ**

*Evaluation of the antimicrobial activity of dodonaea viscosa leaf extracts collected from ouargla, algerian sahara.*

**15. MOUNIRA Benteldjoune, Lemoui Radouane, Kabouche Zahia**

*LC-MS/MS Characterization and In Vitro Antioxidant and Antimicrobial Activities of Trichodesma Species: A Promising Source Against Antimicrobial Resistance*

**16. ASMA Bouali, Bendjama Esma , Aberkane Amira , Benyahai Khawla**

*Chemical Characterization and Antibacterial Activity of the Essential Oil of Thymus algeriensis Boiss. & Reut*

**17. ASMA Bouali, Bendjama Esma , Loucif Lotfi, Bouaziz Lilya, Benahmed Douaa, Abbouche Zineb, Laribi Meriem**

*Antibiotic Resistance and Biofilm Formation in Gram-Negative Bacterial Isolates from a Red Meat Slaughterhouse*

**18. YAMINA Bouatrous,**

*Évaluation de l'activité antimicrobienne des miels provenant de différentes régions d'Algérie*

**19. FAIZA BOUDJELLA, Fouad Bahri, Koula Doukani, Hajer Ziadi**

*Evaluation of Root and Fruit Extracts of Thapsia garganica as Natural Agents Against  $\beta$ -Lactamase-Producing Hospital Strains: Microbiological and Molecular Insights*

**20. RADIA BOUFERMES , BOUFFAFA Mouna**

*Antibacterial Activity of Ziziphus jujuba: A Natural Approach Against Pathogenic Bacteria*

**21. WIDAD BOUGUENOUN, Fatma Zohra ZEGRAR, Wafa BENDJABALLAH**

*Hospital Cockroaches as Reservoirs of Methicillin-Resistant Staphylococcus aureus: A One Health Perspective*

**22. NADIA Bouguerra, Mourad Boukoucha**

*Essential Oils From Cinnamomum zeylanicum Bark As Antibacterials Against Multidrug-Resistant Bacteria*

**23. LEYLA Boukaous, Salha Amira BENATALLAH, Lina Salsabil BENDIB, BENSALÉM Djihene, Racha Elbahha BOUKAOUS**

*Study of the antimicrobial synergistic effects between Moringa oleifera seed extracts and antibiotic agents*

**24. CHAFIA Boukherbache, Sara Raouia NOUMEUR, Lotfi LOUCIF**

*Antimicrobial resistance in coagulase-negative Staphylococci isolated from used contact lens storage cases*

**25. RAMI Boumendjel, Nourine Baik, Rania Boukerzaza, Salima Benaouf, Sana Ghorri, Dounya Zad Gheriani**

*Antioxidant and Antibacterial Potential of Moringa oleifera Leaves and Seeds: A Phytochemical Study*

**26. SABRI Bousbia, Habib Mirouh, Saliha Ouaret, Loubna Boutebicha**

*Resistance Profile of Bacteria Isolated from Urinary Tract Infections in Mila District, Northeast Algeria*

**27. MAJDA Bousseta, Khawla Zahra HADEF, Sarra HENOUDA**

*Prevalence And Antimicrobial Susceptibility of Salmonella spp. Isolated From Poultry Meat In The Adrar Region (Algeria)*

**28. KHELIL Bouziane Errahmani, Abdeselem Si Mohammed, Ahmed Megharbi**

*Mycoremediation of poultry manure: Linking fungal laccase activity to antibiotic residue reduction and bacterial antibiogram shifts*

**29. DERSOUNI CHAHRAZED,**

*A contribution to the phytochemical and biological study of a medicinal plant*

**30. ALI DEKIR, Ali Dekir, Chahrazed Benzaid, Lina Manel Djendi**

*To evaluate the chemical composition and the antimicrobial activities of rosmarinus officinalis extract against multidrug-resistant pathogens.*

**31. RAYENE DJABOURABI, Rayene DJABOURABI, Adel AYARI, Sarra ATTERAI**

*Comparative Study of Antimicrobial Products Against Pathogenic Bacteria and Resistance Patterns*

**32. BOUATTOU Fadila, N. KORCHI**

*Combattre l'ombre des infections chez l'enfant brûlé.*

**33. MOHAMMED Mazouzi, Mazouzi Mohammed, Yaacoub Fadjeria**

*Comparative study of the fungal flora of two types of livestock feed*

- 34. LASMI Faouzi, Ouliya Lombarkia, Khadidja Merabet, Houria Hamitouche**  
*Green Synthesis of Silver Nanoparticles (AgNPs) using aqueous extract of red onion peel, Characterization, Antimicrobial and Antioxidant Activity*
- 35. SIHEM FEKKOUS, Hoceme DEGAÏCHIA, Hichem LAHOUASSA**  
*Small ruminant mastitis: new therapeutic techniques in the face of antibiotic resistance?*
- 36. INES Haddadi, Hellal Abdelkader, Bouchama Anis**  
*Microwave-assisted synthesis, DFT theoretical study and biological activities evaluation of two phosphonylated m-Toluidine derivatives*
- 37. AKKARI Hafsa, Ayachi Ammar, Heleili Nouzha**  
*Caractérisation moléculaire et distribution des gènes de résistance chez Escherichia coli multirésistants isolés de volailles en Algérie : une approche One Health*
- 38. ZEHOR HALFAOUI, Asma AIZA, Hadia DELHOUM**  
*Prevalence and antimicrobial resistance of Staphylococcus spp. in wound infections*
- 39. IKRAM HAMPLAOUI, Lotfi Benmekhbi, Ferial Berrehal, Maroua Merghid, Lamis Abdoune**  
*Plant-derived extracts as alternatives against antibiotic-resistant bacteria: a comparative study*
- 40. SAIDA HANOUN, Kelthoum AHMED.GAID, Housseem CHENNA, Mouna BOUFABA, Khaoula AROUA, Hanen MELLAL, Oumaima NAILI, Nozha MAYOUF**  
*Effect of various solvents on the antibacterial activity of Erica arborea extracts from Algeria against multidrug-resistant uropathogenic bacteria*
- 41. SONIA HENI, Hicham BOUGHENDJIOUA, Amira OUIBRAHIM**  
*Synergistic interactions between Lavandula angustifolia essential oil and antibiotics against resistant bacteria: a One Health approach*
- 42. KHAFALLAH Imene, Habiba GACEM**  
*In Silico identification of Plant Bioactive Peptides as Dual Inhibitors of  $\beta$ -Lactamase and AcrB Efflux Pump in Multidrug Resistant Bacteria*
- 43. OUMNIA Kasrani , Abdelwahab RAI, Lotfi MOUNI**  
*Synthesis of Antimicrobial Nanostructured Materials: Photocatalytic Strategies for Controlling Hospital-Acquired Infections and Antimicrobial Resistance in Algeria*
- 44. NOUR CHEMS EL HOUDA KHENNOUCHI, Sana BOUKHALFA, Souad AOUELMENE, Boutheina DJOUANI, Ghania MAZOUZ**  
*Assessment of Antimicrobial Resistance among Pathogens Isolated from Surgical Site Infections.*
- 45. NOUR CHEMS EL HOUDA KHENNOUCHI, Meroua ZABI, Meroua DIB , Ichraf BELKAMEL.**  
*Emergence of Multidrug-Resistant Bacteria in Poultry: Analysis of Broiler Chicken Fecal Samples in Algeria*
- 46. FAYÇAL layachi, Hamza HOUAMRIA, Samira AIT KAKI, Abdelhak NEGhra, Khaireddine KRAIM , Fouad FERKOUS**  
*Discovery of Novel Multi-Target Beta-Lactamase Inhibitors through Virtual Screening and Molecular Docking*
- 47. MOHAMED SEIF EDDINE Leghelimi, ABDERRAHIM Amel, DRAIDI Asma , DJAHMI Nassima**  
*Genetic Profiling of Carbapenem Resistance in Bacteria Isolated from Healthcare Wastewater: An Emerging Environmental Threat*
- 48. DJERRAB leila,**  
*Evaluation de l'activité antimicrobienne d'huile essentielle d'Artemisia campestris*

- 49. FATMA ZOHRA Mellouk, Amira Afri, Laid Bouchaala, Linda Sali, Zahra Djamaï, Fatma Belbel, Saleh Arif**  
*Wastewater as a reservoir of carbapenemase-producing bacteria in Eastern Algeria: a One Health perspective.*
- 50. KHADIDJA Merabet,**  
*Etude de l'activité antibactérienne de l'extrait n-hexanique de la propolis de la région de Mila*
- 51. KHADIDJA Merabet, Khadidja Merabet, Sabri Bousbia**  
*Evaluating the Antibacterial Efficacy of Alcoholic Extracts from Plant Waste: A Bio-Strategy for Waste Valorization Against Microbial Resistance*
- 52. MOUNIA MERABET-KHELASSI, Samira Kilani-Morakchi, Sifi Karima, Saoussen Zeror**  
*Design of a set of Ibuprofen prodrugs: Synthesis, characterization and in silico evaluation of dual anti-inflammatory and anti-bacterial potency.*
- 53. FATIMA ZOHRA moualkia, Moualkia Fatima-Zohra, Hecini-Hannachi Abla, Bentchouala Chafia**  
*Profil de résistance aux antibiotiques de Klebsiella pneumoniae dans les services hospitaliers à haut risque*
- 54. FATMA ZOHRA moualkia,**  
*Profil de résistance aux antibiotiques des souches de Klebsiella pneumoniae isolées dans les services à risque*
- 55. KHALED Ouared, Khaled Ouared, Hallouz Hadj Feghoul, Salima Bacha, Mohamed Hamdi, Mokhtar Amirat, Moussa Ahmed, Baghdad Khiati**  
*Euphorbia Honey-enriched Potato Starch hydrogel: New and alternative strategies for combating multidrug-resistant bacteria*
- 56. KHALI Mustapha, MOUHEB Samia and ROUBI Abdelhak**  
*Antimicrobial and Analgesic Activity of Aqueous Extract of Algerian Ajuga iva (L.) Schreb (Lamiaceae)*
- 57. ATHMANI Nabila, ATHMANI NABILA, DRAIAIA RADIA, KETFI LOUIZA, YAHIA KHELEF, BOUTERAA HOURIA, BOUSSAADA ZAKAIA, BOUAMRANE ABDELGHANI**  
*Activités antibactériennes et anti fongiques des différents extraits de la Casuarina Equistifolia dans deux etages bioclimatiques dans la wilaya de Souk Ahras*
- 58. BEGGARI Nawel , Boudouh N, Boudiaf F.D, Benbouza A, Grainat N.**  
*Antibioprophylaxie périopératoire chez le patient brûlé : quel rôle pour l'anesthésiste-réanimateur dans la lutte contre la résistance ?*
- 59. BARAKO Omar,**  
*Antibiotic Resistance Profiles of Halotolerant Bacteria from Algerian Sabkha Soils: Implications for Environmental Antimicrobial Resistance*
- 60. SARAH Rahal, Boufafa Mouna, Djendi Manel Lina**  
*Antibacterial Activity of Juniperus communis L. extract*
- 61. NESRINE REBBAH, Yamina MESSAI, Jean Yves Madec, Rabah BAKOUR**  
*Retail Raw Ground Beef as a Reservoir of Multidrug-Resistant ESBL-Producing Klebsiella*
- 62. MERIEM rouaiguia , DJAMAA Fatma, ESSALHI Zahra, et NEGHCHE Aya Ikram, HOUHAMDI Moussa**  
*Contribution à l'étude des infections urinaires dans la willaya de Guelma*
- 63. WIAM saadi, Ahlem Fatmi, Mohammed Bouziane Aya**  
*Microbiological Contamination and Antibiotic Resistance Profiles of Bacteria Isolated from Hospital Surfaces in an Emergency Department*

**64. FATMA SADDAR, BOUKOUCHA Mourad**

*Prevalence of ESBL- and Carbapenemase-Producing Gram-Negative Bacteria Isolated from Diabetic Foot Infections*

**65. SABRINA SAIT-DIB, GHAROUT-SAIT Alima, SADEDDINE-ZENNOUCHE Ouardia, ADOUANE Meriem, BOULEKBACHE-MAKHLOUF Lila**

*Activités antibactérienne et anti-inflammatoire de l'extrait aqueux de Carthamus caeruleus*

**66. BESNACI SANA, Khadri Sihem, Redjimi Lydia, Snani Lyna**

*Curcuma longa L. : une alternative naturelle pour la cicatrisation et la lutte contre la résistance antimicrobienne*

**67. HASNA SEHAB, Zahira BOUDIAF, Nessima DJAHMI, Amel ABDERRAHIM, Djamila BELAMRI, Amina HIDRI, Nadira BOUCHAIR**

*Antibiotic resistance in urinary tract infections : an experience from a pediatric hospital, University Hospital of Annaba, Algeria*

**68. HASNA SEHAB, Djamila BELAMRI, Amina HIDRI, Nadira BOUCHAIR**

*Clinical and microbiological profile of blood culture isolates in pediatrics department of Annaba University Hospital (Algeria)*

**69. IKRAM Soltani, Zineb Belbel, Hamza Rahab**

*Carbapenem-Resistant Escherichia coli in Food of Animal Origin: A Phenotypic and Molecular Study*

**70. ALAA Souaidi,**

*Multidrug-Resistant Tuberculosis: A Growing Threat Beyond the Ordinary*

**71. MANEL Terbeche, Hanane ZEROUAL, Imane HALIMI, Nawel DERAMCHIA**

*Towards New Natural Alternatives: Antimicrobial Activity of a Novel Food Against Helicobacter pylori*

**72. AMEL TOUAREF, Marwa KERABIA, Amine MAMMERI**

*Antimicrobial Resistance in Uropathogens Among Pregnant Women: Interface Between Human Health and Antimicrobial Pressure*

**73. WAAD Zgalmi, Naima BOUGHALLEB M'HAMDI**

*Effectiveness of three chemicals products to control Phyllosticta citricarpa*

**74. SOUROUR Zidi,**

*Rubus fruticosus: An alternative for tackling bacterial resistance*

**75. OUAHAB Rahim, Yazid Bedouh, Belhaoues Saber, Ali Rachedi Sofiane, Chouafa Mohammed**

*Antibacterial Activity and in Silico Evaluation of Pinus pinaster Essential Oil: Identification of Tpinen-7-al as a Promising Antimicrobial Agent*

**76. OUMRI HOUDA, BELBEL ZINEB**

*Prevalence and Antibiogram Analysis of Bacillus cereus in Fresh Lettuce from Northeast Algeria*

## Poster Session – One Health and Artificial Intelligence

🕒 09:00-10:30

Moderator: Room P4 / Screens S1-S2: Dr. Youssouf Driouch, Dr. Benabbas Khaled, Dr. ARIF Salah, Dr. Imikraz Nadjet

### POSTER COMMUNICATIONS (19)

**1. SOFIANE ali rachedi, Trirat Tabet, Chouafa Mohamed, Bedouh Yazid, Benabbas Khaled, Mellouk Fatma ezohra**

*Theoretical Molecular Modeling of a Biofertilizer Derived from Sediments and Food Waste Using Gaussian*

**2. CHOUROUK babouche, Fatima Zohra SEBIHI, Samira BOUHALIT**

*Artificial intelligence-assisted discovery of bioactive compounds from Centaurea species: a One Health perspective*

**3. OMAR BERKANI, Automating Histological Pattern Recognition: Towards an AI-Assisted Diagnostic System for Animal/Human Tissues.**

**4. MOHAMED CHOUAFA, ALIRACHEDI S, TRIRAT T, BENABBES K, BELHAOUES S**

*Traitement et désulfuration des déchets miniers sulfures issus de la flottation de sphalerite : cas de la mine de*

**5. KHERMOUCHE fares, Nouzha Heleili, Zahra Rouabah, Manel Merradi, Amina Badis**

*Artificial Intelligence in the Service of One Health: A Meta-Review of Applications and Challenges*

**6. TIOURA Hadil , Djamila Mezouar**

*Predicting Fungal Endophyte Communities in Olive Trees Using Machine Learning and Agro-Ecological Data*

**7. SAHAR Hammoudi, Ouarda Semmame**

*Troubles neurodéveloppementaux en Algérie : épidémiologie, diagnostic génétique et apport de l'intelligence artificielle*

**8. FARID Kenas,**

*Artificial Intelligence for Climate-Driven Health Risk Prediction: A Neural Network Approach within the One Health Framework*

**9. NAZIM Ksir, Hanene Bouchiha**

*AI-assisted histomorphometric evaluation of Thymus algeriensis protective effects against Tebuconazole and Lambda-cyhalothrin induced histopathological damage in brain and kidney*

**10. LARAKEB Manal , Sabah SEHTAL, Rammeche MOHAMMED REDA**

*Evaluation of the performance of an artificial neural network to predict the absorption capacity of methylene blue from water for a healthy environment: comparison with experimental data*

**11. SAIDA Meliani, Rafik Menacer, Boughrara Boudjema**

*Development of an AI Predictive Machine Learning Model for Classifying Antimicrobial Resistance in Klebsiella pneumoniae*

**12. RAFIK Menacer, Saida Meliani, Boughrara Boudjema**

*Development of an AI Predictive Machine Learning Model for Classifying Antimicrobial Resistance in Enterococcus faecalis*

**13. SLIMANE CHAWKI Mokadem,**

*AI-Driven Genomic Characterization of Lactobacillus Strains with Antagonistic Activity Against Carbapenem-Resistant Klebsiella pneumoniae*

**14. OUDJDANE NEBTI,**

*From Data to Prevention: The Role of Artificial Intelligence in Food Safety.*

**15. OMAR Sekiou, Abdelhak Djemel, Abdeslem Bouzina, Honcharova Olena V. ,Mohamed Mahmoud Elshazly**

*In silico study of human pancreatic  $\alpha$ -amylase inhibition by sulfonylurea derivatives*

**16. SEIF EDDINE SELLAMI, Omar Tebboub, Ahmed Abderrahim Yahiaoui, Lotfi Benmekhbi, Ouahida Zeghouan**

*Toward Smart Environmental Health: Applying Artificial Intelligence within a One Health Framework to Soil Metal Pollution*

**17. BEGHOUR Yassine, Yasmina Lahiouel, Hamid Satha, Mohamed Rabeh Makhoulouf**

*Predicting the antibacterial activity of organic compounds in pharmaceuticals using QSAR*


**18. TRIRAT Tabet, Chouafa Mohamed, Benabbas Khaled, Benhalima Hadia, Ali Rachedi Sofiane, Rouaiguia Issam, Cheikhaoui Youcef** *Gestion environnementale et valorisation des rejets de phosphate : Proposition d'un schéma de traitement pour Djebel-Onk.*

**19. Sabri Madi, Sarra Zouiti**

*Innovating One Health Communication in Algeria: The Role of Artificial Intelligence and Digital Media in Shaping Public Health Awareness*

 **Coffee Break & Poster Session 10 :30-11 :20**

 **Closing Ceremony**

 **12:00 – 13:00**

 **Touristic Visit**

 **From 13:00**