

INTERNATIONAL SEMINAR PROGRAM

“ONE HEALTH”

📍 Sabri Tourist Complex – Annaba

31 April 27–29, 2026

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)

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

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)

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

 **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 vaccionology 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. Lilia Messadi	Tunisia	Importance of the environment in antimicrobial resistance	16:00 – 16:20
11	Pr. Ali Bouattour	Tunisia	Arbovirus surveillance in Algeria and Tunisia with a focus on the One Health approach	16:20 – 16 :40

🗨️ 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, Djamal 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, MECHERI 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 DERA, 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 besssouici, 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 SAID, 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. **KHANSAS 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 BOUSSENAËNE,**
Assessment of the Inula Viscosa plant's prooxidative impact in vitro
29. **NAÏMA 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. **DESSOUNI CHAHRAZED, Hanane LABED, Mouad BOULACEL, Salima AZZOUDI, Mostafa LAFHAL**
Phytochemical and Antioxidant Investigation of Silybum marianum
33. **HADFI CHAIMA, 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
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 TiO₂ and Fe₂O₃ 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 DJABOURABI, Hana Bouzahouane, Moundji Touarfia, Abdelkader Djouamaa, Mohcen Menaâ, Kaouther Laïbi, Nour El Houda Boumaaza, Azzedine Chefrou**
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 HAMDY, 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, BELLOUTIC, 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 α -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 – All the day: Registration**

 **08:30-09:30-Plenary Session (Part 4)**

Moderator: Pr. Lotfi Loucif ; Pr. Zahira Boudiaf , Pr. AbdelMohsen Mohamed Soliman Bakr

No	Speaker	Affiliation	Conference Title	Schedule
1	Pr. Alessandra Terenzi	Italy	Approche intégrée de la biodiversité urbaine :gouvernance, dimensions sociales et perspectives One Health dans le contexte méditerranéen	08:30 – 08:50
2	Pr. Allaa-eddin El Salabi	Lybia	Burden of Antimicrobial Resistance in Libya, 1990 to 2025	08:50 – 09:10
3	Prof. JAOUADI Bassem	Tunisia	NGS-Based Discovery of Extremozymes from Tunisian and Algerian Biotopes: Toward Sustainable Industrial and Environmental Applications within a One Health–Driven Circular Bioeconomy	09:10 - 9:30

 **Q&A: 09:30-09:40**

 **Oral Session 1 – Food Safety**

 **09:40 – 11:00 (10 minutes for each communication)**

Moderator: Pr. DJEBAR Mohammed Réda; Dr. Nabila Berrighi; Pr. Fatih Duman

FOOD SAFETY

ORAL COMMUNICATIONS (17)

- 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
- 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”
- 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

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

Téléphone : +213 56023275

Email : <http://iohs2026.cre.dz>

- 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 Fico seco, 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

 **11:00– 11:15 Coffee Break & Networking**

Oral Session 2 – Food Safety

 **11:15 – 13:00 (10 minutes for each communication)**

Moderator: Pr. DJEBAR Mohammed Réda; Dr. Nabila Berrighi; Pr. Fatih Duman

- 9. KHADRA Gabsi, Djebar 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. Sohair Hassan**
Food Safety as a Frontier in Alzheimer's prevalence
- 12. 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
- 13. 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
- 14. KIDAR Oumaima Ilham, Messaoud BOURAGBA**
*Foodborne Pathogens in Ready-to-Eat Salads: Detection of *Salmonella* spp. and *Listeria monocytogenes**

15. **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.
16. **HALLACI somia, Zebza Rabah, Bensakhri Zinette, Djebbar Zakarya, Houhamdi Moussa**
Risk Assessment of Dairy Products in Eastern Algeria
17. **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

 **13:00-14:30 Lunch Break**

Oral Session 3-Emerging Diseases (ED)

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

14:30-14:50-Plenary Session (Part 5)

Pr. Bitam Idir *les maladies vectorielles et one health en Algérie*

14:50-15:50 (10 minutes for each communication)

ORAL COMMUNICATIONS (5)

1. **LATIFA AIDAOUI, Houssemeddine AMIRI, Zahira BOUDIAF, Fatma Zohra KROUMA**
Hydatid Cyst Mimicking Ovarian Cyst : A Case Report
2. **MOUNIRA Belkharchouche, Keltoum Bettaher, Chahinaz Youcef, Abdallah Aouadi**
Epidemiological profile of Leishmaniasis in Tiaret (Northwest of Algeria)
3. **ZAHIRA BOUDIAF, Z. Boudiaf, H. Shab, 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)
4. **MAMMAR Khames,**
Is the cessation of vaccination of small ruminants with Rev-1 responsible for the highly endemic situation of human brucellosis in Algeria ?
5. **FAROUK Laabassi,**
Epidemiology of Orthoflaviviruses in equids in Algeria

Poster Session (Food Safety)

 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 Esmia; 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)

1. 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”

2. DJEBAR Alia, Lyes KHENE, Houria BERREBBAH

Ultra-processed foods in Algeria: A new Public health challenge.

3. HAMDANI AMEL, Amina RABEI, Isma MERAD, Nedjoua ZAIDI

Biomarkers Responses in the Edible Bivalve Donax trunculus Following Exposure to depuration period

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 BATAZE, Lina BOULABEIZ, Nada BOUHEDDOUF, Maysa 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, Youssouf DRIOUCHE

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 Roubela, Farfar Khadija, Djebbar 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 Chefrour

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

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, Menaâ Mohcen, 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, Djebbar 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, KAAANIN 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, Foufou 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

Poster Session (Emerging Diseases)

🕒 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 Khouloud, 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, Dassine 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, Djebbar Mohammed-Réda

Application of One Health Approach in Aquatic Pollution Control

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

L'étude de l'effet du parasitisme digestif réemergent 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. YUCEF 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 Sali, 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, Sali 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, Sali 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

< Oral Session – Artificial Intelligence

 **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 AIDAOU, Abla HECINI-HANNACHI**
Prevalence and antibiotic resistance profile of Enterococci in hospital settings
- 4. KHOULOUD 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, Houneida Benbouzid, Imene Becheker, Hajira Berredjema

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

7. MATMOURA AMINA, Ibtissem RAHIM, Amine YEKKOUR, Sonia KACI, Nouredine 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 AIDAOU, Mekki AIDAOU, 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, Houneida BENBOUZID

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

12. RANDA BAYOUD, Louiza Boudiba, Alfred Ngege Tamfu, Sameh Boudiba, Karima Hanini

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 β -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

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

Téléphone : +213 56023275

Email : <http://iohs2026.cre.dz>

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 β -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 Saili, Zahra Djamai, 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 ROUIBI 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 Antibioqram 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 α -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**