The First International Congress on Food and Environmental Security

PROGRAM OF THE FIRST DAY

Monday, 15 May, 2023

<table>
<thead>
<tr>
<th>Time</th>
<th>Activity</th>
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</thead>
</table>
| 09:00 - 10:00 | Registration / Breakfast  
Room: Big Conference Room Abdelhamid Benhadouga |
| 10:00 - 11:30 | Opening Ceremony |

PLENARY SESSION -1-

- ONLINE SESSION –

Time: Africa/Algiers GMT+1

Link: https://meet.google.com/asz-yzvc-bqf

Or dial: (US) +1 434-886-0130 PIN: 945 523 582#

ONLINE SESSION CHAIR:

Dr. Sabrine BOUCETTA

Moderator: Dr. Boussahel Soulef

| Date:     | May 15, 2023 |
| Time:     | 11:30 - 12:30 |
| Room:     | Big Conference Room Abdelhamid Benhadouga |

Dr. Julia Martín


Co-Authors: Juan Luis Santos, Irene Aparicio,
First Author Affiliation: Esteban Alonso Dpto. Química Analítica Escuela Politécnica Superior, Univ. de Sevilla, Spain).

- ONSITE SESSION –

Dr. Mahmoud Bali

Domestic Wastewater Treatment by Planted filters: An Effective Solution in Rural Areas

Higher Institute of Water Sciences and Techniques, University of Gabès, Zrig 6072, Tunisia.
Lunch
**- ORAL PARALLEL SESSIONS –
- ONESITE--**

### Topic 1: Water Quality & Treatment

<table>
<thead>
<tr>
<th>Date:</th>
<th>May 15, 2023</th>
<th>Time:</th>
<th>14.00 - 15:00</th>
<th>Room:</th>
<th>01</th>
</tr>
</thead>
<tbody>
<tr>
<td>Session Chair:</td>
<td>Dr. Mahmoud Bali</td>
<td>Session Chair:</td>
<td>Dr. Abdelkader Ouakouak</td>
<td></td>
<td></td>
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</table>

#### Sara Chikhi

<table>
<thead>
<tr>
<th>ID:</th>
<th>29</th>
<th>Title:</th>
<th>Preparation and characterization of new Biosorbent Generation for wastewater treatment</th>
</tr>
</thead>
<tbody>
<tr>
<td>Co-Author:</td>
<td></td>
<td></td>
<td>Redouan Chebout; Adayaaedine Hamitouche</td>
</tr>
<tr>
<td>1st Author Affiliation:</td>
<td></td>
<td></td>
<td>Scientific and Technical Research Center in Physico-Chemical Analysis, Zone Industrielle BP 384, 42004 Bou-Ismail, Tipaza, Algeria.</td>
</tr>
</tbody>
</table>

#### Fatma Zohra Guenouche

<table>
<thead>
<tr>
<th>ID:</th>
<th>136</th>
<th>Title:</th>
<th>Evaluation of the concentration of heavy metals in water intended for consumption in the city of Annaba.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Co-Author:</td>
<td></td>
<td></td>
<td>Amina Mesbah-Salhi, Mohamed Tahar Kimour, and Zihed Bouslama</td>
</tr>
<tr>
<td>1st Author Affiliation:</td>
<td></td>
<td></td>
<td>Faculty of Science, University Badji Mokhtar Annaba, Algeria, Laboratory of Ecology of Terrestrial and Aquatic Systems.</td>
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</tbody>
</table>

#### Aicha Fetati

<table>
<thead>
<tr>
<th>ID:</th>
<th>69</th>
<th>Title:</th>
<th>An evaluation of the treatment of urban wastewater by natural lagooning in Mascara (Algeria).</th>
</tr>
</thead>
<tbody>
<tr>
<td>Co-Author:</td>
<td></td>
<td></td>
<td>Kamel Doukali, Ouarda Boudjouras, Ali Nechar, Souria Cherroud</td>
</tr>
<tr>
<td>1st Author Affiliation:</td>
<td></td>
<td></td>
<td>Faculty of Nature and Life Sciences, University of Mustapha Stambouli of Mascara, Algeria.</td>
</tr>
</tbody>
</table>

#### Abdelkader Guemgam

<table>
<thead>
<tr>
<th>ID:</th>
<th>33</th>
<th>Title:</th>
<th>Application of Treated Date Pits for Elimination of Cationic Dye from Aqueous Solutions</th>
</tr>
</thead>
<tbody>
<tr>
<td>Co-Author:</td>
<td></td>
<td></td>
<td>/</td>
</tr>
<tr>
<td>1st Author Affiliation:</td>
<td></td>
<td></td>
<td>Faculty of Technology, University of Amar Telidji of Laghouat, Algeria.</td>
</tr>
</tbody>
</table>

**Coffee-break**
- ORAL PARALLEL SESSIONS –
- ONESITE--

**Topic 2: Assessment & Management of Environmental Pollution**

| Date: | May 15, 2023 |
| Time: | 14.00 - 15:15 |
| Room: | 02 |
| Session Chair: | Pr. Noureddine Hamdi |
| Moderator: | Dr. Amar Fadel |

### Nahla Bekenniche

**ID:** 240  
**Title:** Etude du potential de degradation du pétrole brut par deux espèces de Stenotrophomonas maltophilia isolées de la station d'épuration d’In Amenas, sud Est de l’Algérie  
**Co-Authors:** Ait Abdeslam Arezki, Maghnia Djamila, Bekada Ahmed Mohamed Ali  
**1st Author Affiliation:** Food Technology and Nutrition Laboratory, Department of Biology, Faculty of Nature and Life Sciences, Abdelhamid Ibn Badis Mostaganem University, 27000, Algeria.

### Maghnia Djamila

**ID:** 243  
**Title:** Phenotypic and genotypic characterization of bacteria that degrade phenol  
**Co-Authors:** Adjoudj Fatma, Ait Abdeslam Arezki, Bekenniche Nahla, Amnam Abdelkader, Ghouti Dalila, Houamria Moufida.  
**1st Author Affiliation:** Laboratory of Experimental Biotoxicology of Biodepollution and Phytoremediation, Department of Biology, Faculty of Natural and Life Sciences, University of Oran Ahmed Ben Bella 1, Oran, Algeria.

### Nabiha Aloui

**ID:** 52  
**Title:** Isolation of some glyphosate-degrading bacteria in the waters of Sebkhet Sefioune –Ouargla (southern Algeria)  
**Co-Authors:** Sbihi Anfel, Merabti Djemaa,  
**1st Author Affiliation:** Department of Biology, Faculty of Naturel and Life Sciences, University of Kasdi Merbah, Ouargla, 30000, Algeria.

### Amina Chaker

**ID:** 41  
**Title:** Use of lichens for the qualitative and quantitative assessment of air quality in the Annaba region  
**Co-Authors:** Kheireddine Fekroune, Sameh Boukhdir, Labiba Zerar, Khaoula Abdeili  
**1st Author Affiliation:** Faculty of Sciences, University of Badji Mokhtar of Annaba, Algeria.
Lirya Bouzeriba

ID: 75
Title: Effects of effluent management on nitrogen emissions from laying hen farms in the Batna region north-east Algerian.
Co-Authors: Hind Caouchkoine
1st Author Affiliation: Institute of Veterinary and Agronomic Sciences, University of Banta 1, Algeria.

Coffee-break

- ORAL PARALLEL SESSIONS – - ONESITE--

Topic 3: Plant Breeding for Food Security

Yasmina Arfa

ID: 133
Title: Effect of salt stress on some morpho-physiological parameters in Portulaca oleracea L. (Portulacaceae)
Co-Authors: Maroua Babaami, Amira Fatima Zohra Mahdjbar, Soumia Hadjadji
1st Author Affiliation: Saharan Bioresources, Preservation and Valorization Laboratory, KASDI Merbah-Ouargla University 30000 Algeria

Soumia Bensaadi

ID: 285
Title: Tomato LeafMiner disease identification using Convolutional Neural Network
Co-Authors: Ahmed Louchene
1st Author Affiliation: Advanced Electronics Laboratory, Department of Electronics, Faculty of Technology, Batna 2 University, Batna, Algeria
<table>
<thead>
<tr>
<th>Time</th>
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<th>Title</th>
<th>Co-Authors</th>
<th>Affiliation</th>
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<tbody>
<tr>
<td>14:30 - 14:45</td>
<td>05</td>
<td>Salima Baississe</td>
<td>Effect of nitrogen diets on the physicochemical and technological quality of semolina from a local variety “Bousselam”</td>
<td>Amira Dey, Djallel Hamiche, Mohamed Amine Kahoul, Nadia Boulelouah</td>
<td>Food Science Laboratory (LSA), Department of Food Technology, Institute of Veterinary and Agronomic Sciences, University of Batna I Hadj Lakhdar, Allées 19 mai Avenue Biskra, Batna, 05000, Algeria.</td>
</tr>
<tr>
<td>14:45 - 15:00</td>
<td>293</td>
<td>Dalila Ramla</td>
<td>Plant biotechnology, a valuable tool for varietal innovation: Presentation of some results obtained in barley applications</td>
<td>Mohand Said Yakhou</td>
<td>National Institut of Agronomic Research of Algeria - Eastern Region Agrosystems Research Division, Setif, Algeria.</td>
</tr>
<tr>
<td>15:00 - 15:15</td>
<td>78</td>
<td>Amira Sakhraoui</td>
<td>The aqueous extract of prickly pear seeds (Opuntia ficus indica) as a new bio conservator</td>
<td>Noureddine Touati</td>
<td>Faculty of Nature and Life Sciences and Sciences of Earth and Universe, laboratory of characterization and valorization of natural resources, University of Mohamed El Bachir El Ibrahimi of Bordj Bou Arreridj, Algeria.</td>
</tr>
<tr>
<td>15:15 - 15:30</td>
<td>106</td>
<td>Moustafa Bani</td>
<td>Valorization of wild relatives and landraces in pea and lentil breeding for fusarium wilt resistance</td>
<td>Kenza Issaoun, saidaMaziz Belkacem Zarouri</td>
<td>Biotechnology laboratory, National Higher School of Biotechnology, Constantine, Algeria.</td>
</tr>
<tr>
<td>15:30 - 15:45</td>
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<td>Coffee-break</td>
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### Topic 4: Food Microbiology and Biotechnology

**Date:** May 15, 2023  
**Time:** 14.00 - 15:30  
**Room:** 04  
**Session Chair:** Pr. Abdelhafid Boubendir  
**Moderator:** Dr. Moufida Boucekrit

#### Sabrine Boucetta

**ID:** 261  
**Title:** Quality control of aquaculture products Nile Tilapia'" Oreochromis sp" intended for human consumption.  
**Co-Authors:** Kahina Hafid, Raouf Bouzoualegh Leila Maachia, Nourelhouda El Mokli, Rayenne Soualhi.  
**1st Author Affiliation:** University of Skikda

#### Nouari Sadrati

**ID:** 257  
**Title:** Antibacterial activity of endophytic fungi associated with a medicinal plant of the Cupressaceae family  
**Co-Authors:** Amina Zerroug, Daoud Harzallah  
**1st Author Affiliation:** Laboratory of characterization and valorization of natural resources, Faculty of Nature and Life and Earth Sciences and the Universes, University Mohamed El Bachir El Ibrahimi, Bordj Bou Arreridj, 34000, Algeria.

#### Tebib Nacira

**ID:** 203  
**Title:** Determination of the biochemical and microbiological composition of animal meal based on mass-reared insects by Valorization of agricultural and natural by-products intended for animal and human consumption  
**Co-Authors:** Acheuk Fatma  
**1st Author Affiliation:** Laboratoire Valorisation et Conservation des Ressources Biologiques. Université M’Hamed Bougara Boumerdes, Algeria.

#### Amina Merzoug

**ID:** 32  
**Title:** Identification of new alpha-glucosidase inhibitor using virtual screening approach  
**Co-Authors:** Hanane Boucherit, Abdelouahab Chikhi  
**1st Author Affiliation:** Laboratory of Applied Biochemistry, Department of Biochemistry and Cellular and Molecular Biology, Faculty of Natural and Life Sciences, Mentouri Brothers University, Algeria.
Belhadj Oussama Kamel

ID: 108
Title: Current biotechnological knowledge about beetroots beta vulgaris
Co-Authors: Sahnouni Fatima, Hariri Ahmed
1st Author Affiliation: Department of Biology, Faculty of Natural Sciences and Life, University of Mascara, Mascara 29000, Algeria

Coffee-break

- ORAL PARALLEL SESSIONS –
- ONESITE--

Topic 5: Utilization of Medicinal Plants in Food and/or Therapy

Date: May 15, 2023
Time: 15.00 - 15:45
Room: 05
Session Chair: Dr. Wafa Nouioua
Moderator: Dr. Lobna Amor

Mehdia Mihoubi

ID: 96
Title: Rheological, textural and microbiological properties of yogurt supplemented with flaxseeds.
Co-Authors: Hayet Amellal-Chibane, Meriem Mekri.
1st Author Affiliation: Scientific and Technical Research Center in Physico-Chemical Analysis (CRAPC), Tipaza, Algeria

Khoukha Alileche

ID: 51
Title: Contribution to the study of the antidiabetic and hypoglycemic effect of an aqueous extract of two medicinal plants in the Wistar rat made diabetic by Streptozotocine
Co-Authors: Selma Khalfi, Celia Ousalem, Mourad Djeziri and Abdelkrim Ouali
1st Author Affiliation: Center for scientific and technical research in Physico-chemical analysis (CRAPC) BP 384 BouIsmail, RP 42004, Tipaza Algeria.
<table>
<thead>
<tr>
<th>Time</th>
<th>Speaker</th>
<th>ID</th>
<th>Title</th>
<th>Co-Authors</th>
<th>Affiliation</th>
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<tr>
<td>14:30-14:45</td>
<td>Cheima</td>
<td>40</td>
<td>Immunomodulatory effect of Ammodaucus leuchoticus</td>
<td>Nadia Benzidane, Hanene Djehim, Saad Mebrek, Lekhmici Arrar.</td>
<td>Faculty of Nature and Life Sciences, University of Ferhat Abbas of setif, Algeria. Biochemistry Laboratory, Biotechnology Research Center University Constantine, Algeria.</td>
</tr>
<tr>
<td>14:45-15:00</td>
<td>Khacha</td>
<td>217</td>
<td>Research on a possible synergy between Organum vulgare, Lavandula officinalis and antibiotics against Pseudomonas aeruginosa</td>
<td>Necibasma, Zaoubouabamel, Djelailia Khalil Allah, Ouarti Nesrine</td>
<td>Department of Biology, Faculty of Natural and Life Sciences, Department of Biology, Mohamed Cherif Messaadia University Souk Ahras.</td>
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<tr>
<td>15:00-15:15</td>
<td>Meriem</td>
<td>148</td>
<td>Effect of sucrose substitution of by a natural sweetener on lipid metabolism</td>
<td>Nemar Fawzia, Medjahed Housseyn, Nait Bachir Yacine, Djaighloul Asma, Chikh Salah Zakaria</td>
<td>Laboratoire de bioressources naturelles, département de Nutrition Humaine et Sciences des Aliments, faculté des sciences de la nature et de la vie, université H.-B.-Chlef.</td>
</tr>
<tr>
<td>15:15-15:30</td>
<td>Kemiche</td>
<td>209</td>
<td>Delayed effects of aqueous extracts Peganum harmala (Zygophyllaceae), a spontaneous plant of arid zones, on sexual behaviour and oviposition of Drosophila melanogaster (Diptera; Drosophilidae).</td>
<td>Adjami Yasmine, Kihel Ines, Benhacene Racha, Ruibi Amna, and Ouakrid MohamedLaid</td>
<td>Marine and Coastal Ecobiology Laboratory (EMMA), Department of Biology Faculty of Science Badji Mokhtar University of Annaba</td>
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<tr>
<td>15:30-15:45</td>
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<td>Coffee-break</td>
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- POSTER PARALLEL SESSIONS –
- ONESITE--

**Topic 1: Water Quality & Treatment**

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<tr>
<td>Time:</td>
<td>15.30 - 17:00</td>
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<tr>
<td>Session Chair:</td>
<td>Dr. Mahmoud Bali</td>
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<tr>
<td>Moderator:</td>
<td>Dr. Abdelkader Ouakouak</td>
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**Chayma Hammana**

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<tr>
<th>ID:</th>
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<tbody>
<tr>
<td>Title:</td>
<td>The Seybouse valley: the ecological health before the sustainable exploitation (Guelma, Algeria).</td>
</tr>
<tr>
<td>Co-Authors:</td>
<td>Harouna N’Diaye Djénéba, Affef Baaloudj, Benaissa Mahdid</td>
</tr>
<tr>
<td>1st Author Affiliation:</td>
<td>Faculty of Sciences, University of Badji Mokhtar-Annaba, Algeria</td>
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**Zineb Belbel**

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<tr>
<th>ID:</th>
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<tbody>
<tr>
<td>Title:</td>
<td>Isolation of multidrug-resistant Enterobacteriaceae from hospital effluents</td>
</tr>
<tr>
<td>Co-Authors:</td>
<td>/</td>
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<tr>
<td>1st Author Affiliation:</td>
<td>Functional and Evolutionary Ecology Laboratory, Faculty of Natural and Life Sciences, University of Chadli Bendjedid El Tarf, B.P 73, El Tarf 36000, Algeria.</td>
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**Taibi Mohamed**

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<tbody>
<tr>
<td>Title:</td>
<td>Evaluation of the adsorptiv capacities of a local clay from the tiaret region on the adsorption of on metallic pollutant (Cu, Zn)</td>
</tr>
<tr>
<td>Co-Authors:</td>
<td>Elaziouti Abdelkader, dellal Abdelkader, Nadjia</td>
</tr>
<tr>
<td>1st Author Affiliation:</td>
<td>Tissemrsilt university</td>
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**Meriem Khiat**

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<tr>
<th>ID:</th>
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<tbody>
<tr>
<td>Title:</td>
<td>Green removal of law and high levels of Cu(II) and Cr(III) cations from concentrated saline chloride medium achieved by a mixture of N,N'-bis(salicylidene)-thiocarbohydrazide-TritonX-100 micellar system via cloud point extraction process.</td>
</tr>
<tr>
<td>Co-Authors:</td>
<td>Tayeb Benabdallah, Mohammed Hadj Youcef and Hasnia Reffas.</td>
</tr>
<tr>
<td>1st Author Affiliation:</td>
<td>Laboratory of Chemistry and Electrochemistry of Metallic Complexes (LCECM), Department of Industrial Organic Chemistry, Faculty of Chemistry University of the Sciences and Technology of Oran-Mohamed Boudiaf USTOMB.</td>
</tr>
</tbody>
</table>
Nadia Belhadj

ID: 276
Title: Separation of cobalt(II)–nickel(II) from sulphate and chloride solution using Primene JMT-Versatic 10 IL
Co-Authors: Maria Teresa Coll, Agustin fortuny, hadj Youcef Mohamed, Benabdallah Tayeb and Ana Maria Sastre.
1st Author Affiliation: Laboratoire de Chimie et d’Electrochimie des Complexes Métalliques (LCECM), Département de Chimie Organique industrielle, Faculté de Chimie, Université des Sciences et de la Technologie d’Oran-Mohamed Boudiaf (USTOMB), BP-1505 EL-M'naouer, Oran, Algeria.

Sabah Djaber

ID: 50
Title: Effect of carbon surface chemistry on the removal of anionic dyes from textile wastewater
Co-Authors: Abdelbaki Reffas
1st Author Affiliation: Inorganic Materials Laboratory, Department of Chemistry, Faculty of Sciences, University Mohamed Boudiaf-M’sila, 28000, Algeria.

- POSTER PARALLEL SESSIONS –
- ONESITE--

Topic 2: Assessment & Management of Environmental Pollution

Date: May 15, 2023
Time: 16.00 - 17:30
Session Chair: Pr. Noureddine Hamdi
Moderator: Dr. Amar Fadel

Soufane Sihem

ID: 165
Title: Étude ethnobotanique sur l’usage d’une cucurbitacee purgative: ecballium elaterium en medecine traditionnelle au niveau de la wilaya de Setif
Co-Authors: /
1st Author Affiliation: University Ferhat Abbas, Setif 1

Soufane Sihem

ID: 182
Title: Effect of fluoride acute ingestion on the mouse gastric mucosa
Co-Authors: /
1st Author Affiliation: University Ferhat Abbas, Setif1
Khadija Tim
ID: 252
Title: Contribution of the wavelet method to the study of rain and flow variability in the chouly sub-basin (northwestern Algeria)
Co-Authors: Kamila Baba Hamed, Abderrazak Bouanani
1st Author Affiliation: Laboratory promotion of water, mineral and soil resources, environmental legislation and technological choices, University of Tlemcen, Algeria

Djamila Maghnia
ID: 244
Title: A novel niallia taxii bacteria degrading phenol isolated from oum ghellaz lake shore soil in oran in algeria
Co-Authors: Adjoudj Fatma, Ait Abdeslam Arezki, Bekenniche Nahla
1st Author Affiliation: Laboratory for Experimental Biotoxicology of Biodepollution and Phytoremediation, Department of Biology, Faculty of Natural and Life Sciences, University of Oran Ahmed Ben Bella 1, Oran, Algeria

Fatima Zohra Bououden
ID: 197
Title: Pathologies caused by environmental dermatophytes and decontamination methods
Co-Authors: Souad Akroun
1st Author Affiliation: Molecular and Cellular Biology Laboratory, Faculty of Natural and Life Sciences, University of Jijel, Algeria.

Nadia Beldi
ID: 283
Title: Evaluation of the physico-chemical and microbiological quality of treated water in the region of Ouargla
Co-Authors: Maroua Abayahia, Soumia Chebouat
1st Author Affiliation: Laboratoire de Protection des Ecosystèmes en Zones Arides et Semi arides Université Kasdi Merbah- Ouargla BP 511 Ouargla 30000 Algérie

Topic 3: Plant Breeding for Food Security

Date: May 15, 2023
Time: 16.00 - 17:30
Session Chair: Pr. Ali Guendouz Dr.
Moderator: Izzeddine Zakarya
<table>
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<tr>
<th>ID</th>
<th>Title</th>
<th>Co-Authors</th>
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<tr>
<td>Zidi Yasmine</td>
<td><strong>Radiosensitivity of an Algerian barley variety (cv. El Fouara) to Gamma 60Co radiation (250 Gy)</strong></td>
<td>Ramla Dalila, Abdelhamid Djamel, Bounaceur Farid, Yakhou Mohand Said.</td>
<td>Laboratory of Agronomic and Environment-University of Tissemsilt, National Institutte of Agronomic Research of Algeria INRAA- Agrosystem research division of the easten region.</td>
</tr>
<tr>
<td>Amina Menasra</td>
<td><strong>Effect of biological process treatment on nutritional value of foods</strong></td>
<td>Djamel Fahloul et Mohamed El Amine Kahoul</td>
<td>Faculté des Sciences, Département de Technologie Alimentaire, Laboratoire Sciences des aliments (LSA), Université Hadj Lakhdar Batna 01, Algérie</td>
</tr>
<tr>
<td>Abou-bakr Rabti</td>
<td><strong>Changes in morpho-physiological characters induced by the artificial selection of durum wheat (Triticum durum Desf.) in Algeria.</strong></td>
<td>Mohammed Nichane and Zine el Abidine Fellahi.</td>
<td>Agro-veterinary institute, University of Mohamed Cherif Messaadia of Souk Ahras, Algeria.</td>
</tr>
<tr>
<td>Rania Narimane Semmar</td>
<td><strong>The response of black and red seed of the species (Chenopodium quinoa willd.) to water stress</strong></td>
<td>Radia Bouchareb, Didier Bazile</td>
<td>Phylogenetic Resources Development and Valorisation Laboratory. Department of Plant Biology and Ecology. Université of brothers Mentouri Constantine 1, Route de Ain El Bey, 25017 Constantine, Algeria.</td>
</tr>
</tbody>
</table>
## Topic 4: Food Microbiology and Biotechnology

### Date: May 15, 2023

### Time: 15.45 - 17:30

### Session Chair: Pr. Abdelhafid Boubendir

### Moderator: Dr. Moufida Bouchekrit

#### Nadia Beldi

**ID:** 282  
**Title:** Evaluation of the antimicrobial activity OF SPIRULINA (Arthrospira platensis)  
**Co-Authors:** Amina Benmalek, Asma Touahir  
**1st Author Affiliation:** Laboratoire de Protection des Ecosystèmes en Zones Arides et Semi arides Université Kasdi Merbah- Ouargla BP 511 Ouargla 30000 Algérie

#### Zineb Belbel

**ID:** 113  
**Title:** Emergence of Escherichia coli resistant to carbapenems isolated from raw milk in Algeria  
**Co-Authors:** Rima Batah, Feriel Athamnia, Amel Bouamrane, Ikram Soltani, Houda Oumri And Henza Taibi  
**1st Author Affiliation:** Functional and Evolutionary Ecology Laboratory, Faculty of Natural and Life Sciences, University of Chadli Bendjedid El Tarf, B.P 73, El Tarf 36000, Algeria.

#### Beloucif Amel

**ID:** 57  
**Title:** Dynamic changes of psychrotrophic bacteria in refrigerated raw milk collected from dairy farms in basin and mountain areas in the region of Mila, Algeria  
**Co-Authors:** Boubendir Abdelhafid, Bouchekrit Moufida, Boutellaa Saber  
**1st Author Affiliation:** Laboratory of Natural Sciences and Materials, University Centre Abdelhafid Boussouf, RP. 26, Mila, 43000 Algeria

#### Dounya Achwak Chemmam

**ID:** 195  
**Title:** Production and characterization of bioactive molecules produced by a fungal strain isolated from Algerian soil  
**Co-Authors:** Ghania Bourzama  
**1st Author Affiliation:** Molecular and Cellular Biology Laboratory, Faculty of Nature and Life Sciences, Mohamed Seddik Benyahia University. Jijel. Algeria.
Nora Djahnit

ID: 34
Title: Microbial quality assessment of seawater and mussels from an Algerian shellfish farm
Co-Authors: Ryhane Lounas, Amel Yasmine Ben Abd El Motaleb, Narimane Chamma; Nouredine Djerrai
1st Author Affiliation: National School of Marine Sciences and Coastal Development (ENSSMAL).

Noureddine Fahima

ID: 284
Title: Comparative study of the different types of live foods of the larval phase of freshwater fish.
Co-Authors: / 
1st Author Affiliation: University of Kasdi Merbah-Ouargla

Nawel Zaatout

ID: 154
Title: Technological Characterization of Lactic Acid Bacterium Strain Isolated from Raw Cow Milk and Conservation Essays
Co-Authors: Nassim Madi, Assia Ikhlef, Asma Meghezzi
1st Author Affiliation: Biotechnology Research Center (CRBt), BP E73, UV 03 New City Ali Mendjeli, Constantine, Algeria

- POSTER PARALLEL SESSIONS – ONESITE--

Topic 5: Utilization of Medicinal Plants in Food and/or Therapy

Date: May 15, 2023
Time: 16.45 - 17:30
Session Chair: Dr. Wafa Nouioua
Moderator: Dr. Lobna Amor

Chayma Hammana

ID: 188
Title: The spontaneous medicinal flora of the southeast of Guelma municipality (Algeria): inventory and valorization.
Co-Authors: Amel Meddad-Hamza, Tarek Hamel
1st Author Affiliation: Faculty of Sciences, University of Badji Mokhtar-Annaba, Algeria.

Imene Khediri
<table>
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<tr>
<th>ID:</th>
<th>110</th>
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<tbody>
<tr>
<td>Title:</td>
<td>Study of the biological effects of rosemary essential oil against propineb-induced toxicity: hematological, endocrine, and behavioral profile</td>
</tr>
<tr>
<td>Co-Authors:</td>
<td>Amel Meddad-Hamza, Amira Messaadia, Imene Khediri, Haida Rouigui</td>
</tr>
<tr>
<td>1st Author Affiliation:</td>
<td>Faculty of exact science natural and life science, University of Larbi Tébessi of Tebessa, Algeria.</td>
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**Ines Kihel**

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<tr>
<td>Title:</td>
<td>Evaluation of sublethal effects of Lantana camara aqueous extract on olfaction and feeding behavior of fruit fly larvae Drosophila melanogaster.</td>
</tr>
<tr>
<td>Co-Authors:</td>
<td>Hadjeb Ayoub, Boumaza Mounir kermiche Khamssa, Adjami Yasmine, And Ouakid Mohamed Laid</td>
</tr>
<tr>
<td>1st Author Affiliation:</td>
<td>Ecobiology of marine and coastal environments (EMMAL), Department of Biology, Faculty of Science, University of Badji Mokhtar-Annaba, Algeria.</td>
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**Nassima Boubekri**

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<tr>
<td>Title:</td>
<td>Nephroprotective effects of the n-butanol extract from Genista quadriflora munby against ethanol-induced toxicity in Wistar albino rats</td>
</tr>
<tr>
<td>Co-Authors:</td>
<td>Radja Djebbari, Keltoum Boudraa, Rabia Boukaabache, Amel Amrani, Ouahiba Boumaza, Fadila Benayache, Samir Benayache, Djamila Zama</td>
</tr>
<tr>
<td>1st Author Affiliation:</td>
<td>Department of Animal Biology, Faculty of Nature and Life Sciences, Université Frères Mentouri Constantine 1, Route d’Ain El Bey, 25000 Constantine, Algeria</td>
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**khalida Sadoui-Bougoffa**

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<tr>
<td>Title:</td>
<td>Effect of alkaloidal and phenolic extracts of <em>Fumaria agraria</em> on enzymatic browning of fruits and vegetables</td>
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<td>Co-Authors:</td>
<td>/</td>
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<td>1st Author Affiliation:</td>
<td>University of Bejaia</td>
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**Abdelmoumen Benmerzoug**

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<tr>
<td>Title:</td>
<td>Enzymatic inhibitory effects of sub-critical water extract of <em>Ononis angustissima</em></td>
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<tr>
<td>Co-Authors:</td>
<td>Sofiane Guettaf, Jaroslava Svarc-Gajić, Daoud Harzallah.</td>
</tr>
<tr>
<td>1st Author Affiliation:</td>
<td>Laboratory of Applied Microbiology, Faculty of Nature and Life Sciences, University of Ferhat Abbas Sétif 1, Algeria.</td>
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**Karima Dahili**
Oral administration of curcuma longa aqueous rhizome extract on biochemical parameters, lipid profile and aortic histology in high-cholesterol diet induced hypercholesterolemic rats

Ismahene Bourouina, Lynda Hamedi, Hakima Mir, Djamil Krouf, Nawal Dida-Taleb
Faculty of Nature and Life Sciences, University of Oran 1 Ahmed Benbella of oran, Algeria.

Hematological parameters in experimentally induced diabetic rats treated with Algerian Trigonella foenum-graecum powder.

Ouassila Aouacheri, Saad Saka
Laboratory of Applied Biochemistry and Microbiology, Department of Biochemistry, Faculty of Sciences, Badji Mokhtar University, Annaba, Algeria