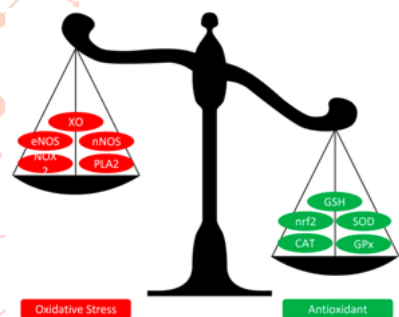


# SCIENTIFIC PROGRAMME

## NATIONAL SEMINAR ON Oxidative Stress in a Changing World: Health, Environment and Interdisciplinary Innovations



**27-28 Avril 2026**  
**Blida 1 University Central Library**



**Monday, April 27, 2026**

<b>8h30-9h30</b>			
<b>PARTICIPANT REGISTRATION</b>			
<b>09h30</b>			
<b>OFFICIAL INAUGURATION OF SOMM</b>			
<b>Plenary Conferences (10h30-11h30)</b>			
<b>Session Chairs:</b>			
<b>Pr NEMMICHE Said, Dr MOHAMED SAID Ramdane &amp; Dr Fayrouz ROUAKI</b>			
10h30-10h50	<b>Cf1</b>	<b>Dr Amel KANANE</b> Blida 1 University	<i>OXIDATIVE STRESS AND NUTRITION : IMPACT OF DIETARY COMPOUNDS ON CELL SIGNALING PATHWAY</i>
	<b>Cf2:</b>	<b>Dr SAMIA BEDOUHENE,</b> <i>Mouloud Mammeri</i>	<i>STRESS OXYDATIF ET INFLAMMATION : LE NEUTROPHILE AU CŒUR DU DIALOGUE MOLECULAIRE</i>
<b>Room 1: Oxidative Stress and Human Diseases (T1/1-9) 11h30-13h00: 07 Oral Communications</b>			
<b>Session Chairs: Pr Fella HAMAIDI, Pr MOSBAH Rachid &amp; Dr Souad SOUR</b>			
11h30	<b>T1C01</b>	SAIFI Hadjer	OXIDATIVE STRESS SIGNATURE OF GESTATIONAL HYPERTENTION IN THE MOTHER AND NEWBORN
11h45	<b>T1C02</b>	GUESSAIBIA Nadia	INTERACTIONS ENTRE STRESS EMOTIONNEL, STRESS OXYDANT ET EPIGENETIQUE : LE ROLE MODULATEUR DE LA PRIERE
12h00	<b>T1C03</b>	KHELLOUF Allaeddine	COMPARATIVE EFFECTS OF LACTUCA VIROSA EXTRACT, QUERCETIN, AND GALLIC ACID ON THE PRESERVATION OF SMALLRUMINANT EPIDIDYMAL SEMEN AT 4°C
12h15	<b>T1C06</b>	BOURAKI Amira	OXIDATIVE STRESS AND DYSREGULATION OF THYROIDFUNCTION IN END-STAGE
12h30	<b>T1C07</b>	ANNANE Riheb	ANTIOXIDANT ACTIVITE OF <i>ALCHEMILLA VULGARIS</i>
12h45	<b>T1C08</b>	GHOZALI Nourelhouda	OXIDATIVE STRESS -MEDIATED DYSREGULATION OF COAGULATION IN BEHÇET DISEASE : IMPLICATION OF NITRIC OXIDE IN THROMBOTIC ACTIVATION
<b>Room 2: Nutrition and health (T3/1-7) 11h30-13h30: 08 Oral Communications</b>			
<b>Session Chairs: Pr KHEMILI Souad, Dr Amel KOUIDRI &amp; Dr Nassima SENANI</b>			
11h30	<b>T3C01</b>	MEDJEDDED Housna	EFFET DE L'ENGRAIS NPK SUR LE STATUT NUTRITIONNEL DE LA TOMATE ( <i>SOLANUM LYCOPERSICUM</i> L): ANALYSE DES BIOMARQUEURS DU STRESS OXYDATIF ET DE L'ACTIVITE ANTIOXYDANTE
11h45	<b>T3C02</b>	BENHAMOU Hichem	ALIMENTS FONCTIONNELS À BASE DE COPRODUITS MARINS ET SANTÉ CARDIOMÉTABOLIQUE : ÉVALUATION <i>IN VITRO</i> DES PROPRIÉTÉS BIOLOGIQUES

12h00	<b>T3C04</b>	MERZOUGUI Hanaa	HERBAL DIETARY SUPPLEMENTS: EFFICACY AND RISKS
12h15	<b>T3C05</b>	MAHAMMEDI Hichem	LINUM USITATISSIMUM: CHEMICAL, BIOLOGICAL, AND NUTRITIONAL VALORIZATION
12h30	<b>T3C06</b>	HADJ BENABDEL MOULA Nassira	ETAT DES LIEUX DE RECHERCHE SUR LE MICROBIOTE INTESTINAL ET STRESS OXYDATIF CHEZ LES RUMINANTS
12h45	<b>T3C07</b>	SAHI Wassila	QUALITY AND STABILITY ASSESSMENT OF NOVEL FLAVORED BUTTERS
13h00	<b>T3C08</b>	HAROUN Nacéra	LE THE VERT ATTENUÉ LA TOXICITÉ, L'HEMATOTOXICITÉ, LE STRESS OXYDANT ET L'INFLAMMATION INDUITE PAR LE TBZ CHEZ LE RAT BLANC RATTUS NORVEGICUS
13h15	<b>T3C03</b>	BENHAMOU Hichem	INNOVATION NUTRITIONNELLE BASÉE SUR LES PROTÉINES ISSUES DES COPRODUITS DE MOULE ( <i>MYTILUS GALLOPROVINCIALIS</i> ) POUR LA RÉDUCTION DU RISQUE CARDIOMÉTABOLIQUE ET DU STRESS OXYDATIF

**POSTER SESSION**

<b>Room 3 (10h30-13h30) (T4/1-11) (T3/1-3): 14 Posters</b>			
<b>Session Chairs: Pr Hassina KHALDOUN, Dr Nacéra BNOUSSAID, ZATRA, Fatima ARKAM, Dr HAMZA Kahina &amp; Dr Khadidja ZEROUTI, Dr Amine ALLAOUI, Dr Sihem BELKHITER</b>			
	<b>T4P1</b>	ROUIDI Oumaima	ENVIRONMENTAL CONTAMINATION AND OXIDATIVE STRESS IN <i>CRYPTOSPORIDIUM</i> SPP. INFECTIONS: A ONE HEALTH ECOSYSTEM APPROACH
	<b>T4P2</b>	MOUFFOK ASSIA	ANTIOXIDANT ACTIVITY OF ROSEMARY AND GARLIC USED AS PHYTOBIOTICS IN POULTRY NUTRITION
	<b>T4P3</b>	BOKRETA Fatima Zohra	IMPACT DES PRATIQUES DES PRATIQUES DE SÉCURITÉ SANITAIRE SUR LA RÉDUCTION DU STRESS OXYDATIF CHEZ LES VACHES LAITIÈRES
	<b>T4P4</b>	CHELOUFI Rebh	EFFECT OF PHYTOSANITARY STRESS (HERBICIDE) ON FUNCTIONAL GROUPS IN SOILS.
	<b>T4P5</b>	DJORI Amel	THE SPECIFIC ENZYMATIC ACTIVITY OF A VEGETALE BIOMASS DURING OXIDATIVE STRESS
	<b>T4P6</b>	KHALDOUNE Amel	STRESS OXYDATIF INDUIT PAR DIFFÉRENTES CLASSES DE PESTICIDES
	<b>T4P7</b>	BOULENOUAR Houda	SYNERGISTIC EFFECTS OF SALINITY AND DELTAMETHRIN ON THE OXIDATIVE STRESS RESPONSE IN <i>SOLANUM LYCOPERSICUM</i>
	<b>T4P8</b>	NADJI SAFIA.	ÉTUDE DE BIOMARQUEURS DE STRESS CHEZ LES BIVALVES MARINES : CAS DE LA MOULE <i>MYTILUS GALLOPROVINCIALIS</i>
	<b>T4P9</b>	BENZAZIA SAMIA	OXIDATIVE STRESS AND MODULATION OF ANTIOXIDANT DEFENSE BY <i>ATRIPLEXHALIMUS</i> IN <i>WISTAR</i> RATS INTOXICATED WITH MERCURIC CHLORIDE
	<b>T3P19</b>	LECHEKHAB Yousria	ÉVALUATION DES RISQUES DE TOXICITÉ CHEZ LES BIVALVES PÉRINAPAR ANALYSE DE DEUX MARQUEURS DU STRESS OXYDATIF LA MALONDIALDÉHYDE ET GLUTATHION RÉDUIT

	<b>T4P10</b>	MELLAHI LAMIA	CONTRIBUTION TO THE EVALUATION OF THE ANTIOXIDANT EFFECT OF THE MEDICINAL PLANT <i>Atriplexhalimus L.</i> ON OXIDATIVE STRESS IN RATS INTOXICATED BY CADMIUM
	<b>T4P11</b>	HANIFA WAFAA GUERROUDJI	ASSESSMENT OF ACETAMIPRID-INDUCED NEPHROTOXICITY IN MALE WISTAR RATS: A BIOCHEMICAL AND HISTOPATHOLOGICAL STUDY
	<b>T3P1</b>	MEDJOUR Ammar Rachad	PROFIL PHYTOCHIMIQUE ACTIVITÉ ANTIOXYDANTE DE L'EXTRAIT HYDROMÉTHANOLIQUE D'ARTEMISIA HERBA-ALBA ASSO
	<b>T3P2</b>	DEFFAIRI djamilia	FORMULATION D'UN BISCUIT FOURRE ENRICHÉ EN SUCRE ET MELASSE DE DATTE
	<b>T3P3</b>	ABABOU Moufida	EVALUATION OF FREE RADICAL INHIBITION POWER OF FRUIT WASTE EXTRACT

**Plenary Conferences (13h45-15h15)**  
**Chairpersons of the Session:**  
**Pr Hayet BELMESKINE Dr SAMIA BEDOUHENE & Dr Nesrine SADAOU-SMADHI**

13h45	<b>Cf1</b> <b>Dr Nassiba MOGHNI</b> Blida 1 University	ENGINEERING NANOMATERIALS FOR ENVIRONMENTAL PROTECTION : ADDRESSING OXIDATIVE STRESS THROUGH ADVANCED WATER TREATMENT TECHNOLOGIES
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14h10	<b>Cf2</b> <b>Dr Nassima SENANI</b> <i>Mouloud Mammeri University- Tizi-Ouzou</i>	ETUDE DU STRESS OXYDATIF <i>IN VITRO</i> : MODELES CELLULAIRES ET ACELLULAIRES
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**ORAL PRESENTATIONS SESSION (14h15-16h30)**  
**Room 1: Biomarkers and molecular mechanisms of oxidative stress/Digital technologies and artificial intelligence for the prevention of oxidative stress (T1/4 and 7 T2/1-4); T6/1-2):**  
07 Oral Communications  
**Session Chairs: Pr BENBLIDA Nadjia, Dr Ibtissem Rahim, Dr Yamina ZATRA & Dr Nassiba MOGHNI**

14h15	<b>T1CO4</b>	KHELLOUF Allaeddine	IMPACT OF ANTIOXIDANTS SUPPLEMENTATION ON CORNEAL ENDOTHELIAL VIABILITY AND OXIDATIVE STATUS DURING REFRIGERATION
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14h30	<b>T2CO1</b>	ARKAM Fatima	ÉVALUATION DU POTENTIEL ANTIOXYDANT, ANTI-INFLAMMATOIRE ET ANTIBACTÉRIEN DE SULFORAPHANE : INTERACTIONS MOLECULAIRES PREDITES <i>IN SILICO</i> .
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14h45	<b>T2CO2</b>	BOUAMAMA SAMIA	GENDER-DEPENDENT EFFECTS OF DIETARY OILS ON HUMAN PBMC PROLIFERATION AND REDOX STATUS <i>IN VITRO</i>
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15h00	<b>T6CO1</b>	Iyad Abdel Moumen MECHEGUEG	MITOCHONDRIAL SEGMENTATION FOR OXIDATIVE STRESS DETECTION WITH DEEP LEARNING.
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15h15	<b>T6CO2</b>	MESSAOUD NACER IMENE	<i>IN SILICO</i> INSIGHT INTO OXIDATIVE STRESS PREVENTION: MOLECULAR DOCKING ANALYSIS OF A BIOMOLECULE AGAINST KEY ENZYMOLOGICAL TARGETS
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15h30	<b>T2CO3</b>	BENMENSOUR Nabahat	MODULATION DU STRESS OXYDATIF PAR <i>ARTEMISIA</i> PILOTER LA RÉSILIENCE OXYDATIVE PAR LE SUIVI CONNECTÉ DE L'URÉMIE CHEZ LA VACHE
15h45	<b>T2CO4</b>	HAMBLI Aicha	IMPACT DU STRESS OXYDATIF SUR LA QUALITÉ DES SPERMATOZOÏDES BOVINS LORS DE LA CRYOCONSERVATION
16h	<b>T6CO3</b>	BEKRI Meriem	EVALUATION OF THE ANTICANCER ACTIVITY OF <i>MORINGA OLEIFERA</i> COMPOUNDS USING MOLECULAR DOCKING

**ORAL PRESENTATIONS SESSION (14h15-16h30)**  
**Room 2: Oxidative stress and ecosystems: environmental impact/ Biotechnological approaches and therapeutic innovations (T4/1-3) and (T5/1-7): 10 Oral Communications**  
**Session Chairs: Dr Mohamed GRANDI, Pr CHERIF Hamida, & Dr Nadia GUESSAIBIA**

14h15	<b>T4CO1</b>	KHEDADJI Djihane	OXIDATIVE STRESS RESPONSES IN LACTATING GOATS AS BIOMARKERS OF ENVIRONMENTAL STRESS IN A SEMI-ARID ECOSYSTEM OF M'SILA, ALGERIA
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14h30	<b>T4CO2</b>	KHALDOUN Hassina	ACTIVITÉ ANTIOXYDANTE ET ANTIMICROBIENNE DES HUILES ESSENTIELLES DE <i>SALVIA OFFICINALIS</i> ET <i>LAVANDULA DENTATA</i> ET INOCUÏTE D'UN SPRAY ANTISEPTIQUE À USAGE BUCCAL SUR LA FONCTION RENALE
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14h45	<b>T4CO3</b>	Moghni Nassiba	Green-Synthesized TiO <sub>2</sub> Nanoparticles: Structural Optimization and Photocatalytic Performance via ROS-Mediated Oxidative Mechanisms
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15h00	<b>T5CO1</b>	DJELLOUT Hafidha	TOLERANCE AND ANTIOXIDANT POTENTIAL OF RHIZOSPHERIC FUNGAL STRAINS UNDER OXIDATIVE STRESS: BIOTECHNOLOGICAL IMPLICATIONS
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15h15	<b>T5CO2</b>	SADOUN Nassima	EFFECT OF THE LAPERRINE OLIVE LEAF EXTRACT ON OXIDATIVE STRESS
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15h30	<b>T5CO3</b>	SEBBANE Hillal	POTENTIEL BIOACTIF DE L'EXTRAIT AQUEUX D'ÉCORCE DE <i>JUGLANS REGIA L.</i> : UNE RESSOURCE MÉDICINALE
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15h45	<b>T5CO4</b>	SOUISSI Maroua	ÉTUDES DE QUELQUES ACTIVITÉS BIOLOGIQUES DES EXTRAITS D'ARTEMISIA CAMPESTRIS L. DE L'EXTRÊME SUD ALGÉRIEN.
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16h00	<b>T5CO5</b>	BELKHITER Sihem	VALIDATION SCIENTIFIQUE DES PROPRIÉTÉS THÉRAPEUTIQUES ET DE L'INNOCUITÉ DE L'ARTEMISIA HERBA-ALBA.
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16h15	<b>T5CO6</b>	BENHAMOU HICHEM	INNOVATION NUTRITIONNELLE BASÉE SUR LES PROTÉINES ISSUES DES COPRODUITS DE MOULE ( <i>MYTILUS GALLOPROVINCIALIS</i> ) POUR LA RÉDUCTION DU RISQUE CARDIO-MÉTABOLIQUE ET DU STRESS OXYDATIF
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16h30	<b>T5CO7</b>	BENNOUI Sid Ahmed	GREEN SYNTHESIS AND OPTIMIZATION OF SILVERNANOPARTICLES USING DIFFERENT LEMON EXTRACTS: CHARACTERIZATION, ANTIBACTERIAL AND ANTIOXIDANT ACTIVITIES
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**POSTER SESSION (14h15-16h30)**  
**Room 3**

**Session Chairs:**

**Dr Samia BEDOUHENE, Dr Rafika GHENAI, Dr Nacera HAROUN, Dr Atika EDDAIKRA, Dr Chahrazed MAKHLOUF**

**Dr Farida KADRI, Dr Asma CHAKHMA, Dr Ahlem ZARKAOUI, Dr Khadidja Zerouti, Dr Lydia-Saliha BOULESNAM, Dr Hafida METIDJI, Dr Madina SIFI**

**& Dr Imene DROUCHE**

<b>T6P4</b>	SADIA Yasmine	PILOTER LA RÉSILIENCE OXYDATIVE PAR LE SUIVI CONNECTÉ DE L'URÉMIE CHEZ LA VACHE
<b>T2P1</b>	LAGHOUATI Amel	CONTRIBUTION TO THE PHYTOCHEMICAL STUDY AND ANTIOXIDANT ACTIVITY OF THE PHOENIX DACTYLIPHERA L. POLLEN AQUEOUS EXTRACT
<b>T2P2</b>	SADIA Yasmine	ÉVALUATION COMPARATIVE DE DE DE L'UREMIE DANS LE SANG, LELAIT ET LA SALIVE : UN BIOMARQUEUR MULTIMATRICE DUSTRESS METABOLIQUE ET OXYDATIF CHEZ LA VACHE LAITIERE
<b>T2P4</b>	SADIA Yasmine	RELATION ENTRE LE STRESS OXYDATIF, LES PARAMETRES BIOCHIMIQUES ET LES PERFORMANCES DE REPRODUCTION CHEZ LA VACHE LAITIERE.
<b>T2P5</b>	KEBAL Leila	ASSESSMENT OF OXIDATIVE STRESS BIOMARKERS IN AN EXPERIMENTAL RAT MODEL OF OXIDATIVE DAMAGE
<b>T2P6</b>	SALMI Takwa	MARQUEURS DU STRESS OXYDANT DANS LES TROUBLES NEURO- DEVELOPPEMENTAUX INFANTILES : DONNEES D'UNE POPULATION ALGERIENNE
<b>T2P7</b>	AKRICHE Soundes	OXIDATIVE STRESS BIOMARKERS AND ANTI-TNF $\alpha$ MONOCLONAL ANTIBODY THERAPY IN EQUINE GASTRIC ULCER SYNDROME: BIOCHEMICAL AND ENDOSCOPIC EVIDENCE
<b>T2P8</b>	ELFEKAIR Maria	BIOMARKERS AND MOLECULAR MECHANISMS OF OXIDATIVE STRESS
<b>T2P9</b>	KHELLADI Asmaa	CARACTERISATION DES LESIONS PRENEOPLASIQUES ET DU PROFIL INFLAMMATOIRE DANS UN MODELE MURIN DE CANCER COLORECTAL INDUIT PAR LE DMH
<b>T2P10</b>	AMTSIF Anis	MODULATION OF OXIDATIVE STRESS BY METFORMIN IN AGING: MOLECULAR MECHANISMS AND THERAPEUTIC PERSPECTIVES
<b>T3P15</b>	REKEB TINHINANE	PROTECTIVE ROLE OF ORANGE PEEL AQUEOUS EXTRACT AND HESPERIDIN AGAINST IRON- INDUCED OXIDATIVE STRESS IN HUMAN PLASMA
<b>T1P1</b>	Tobbalseghir Belarbi Insaf	PIOGLITAZONE AND REGULATION OF TISSUE OXIDATIVE STRESS IN A MURINE MODEL OF OBESITY-ASSOCIATED INSULIN RESISTANCE
<b>T1P2</b>	BOUKHIBAR Saida	<i>AILANTHUS ALTISSIMA</i> AS AN ANTIBACTERIAL AGENT: PHYTOCHEMICAL PROFILE AND OXIDATIVE STRESS MECHANISMS IN BACTERIA
<b>T1P3</b>	LARBI DOUKARA Kamel	RELATION ENTRE LE STRESS OXYDATIF ET LES CARACTERISTIQUES DU SPERME ET LEDIAGNOSTIC CLINIQUE SUR LA FERTILITE
<b>T1P4</b>	MIMECHE Samah	FROM RADICAL DAMAGE TO METABOLIC FAILURE: THE ROLE OF OXIDATIVE STRESS IN TYPE 2 DIABETE
<b>T1P5</b>	MERZOUGHI Hanaa	METABOLIC SYNDROME AND OXIDATIVE STRESS: THE KEY ROLE OF NUTRITION IN MODULATING ANTIOXIDANT DEFENSES

<b>T1P6</b>	RAHIM Ibtissem	STRESS OXYDATIF ET SEPSIS : ROLE DE L'INFLAMMASOME NLRP3
<b>T1P7</b>	OUABEL IMEN	EVALUATION DES MARQUEURS DU STRESS OXYDATIF DANS LA REGION CEREBELLEUSE CHEZ DESSOURIS BALB/C DIABETIQUES DE TYPE 1.
<b>T1P8</b>	ILHEM SARRA MANEL MOHAMEDI	CARDIOVASCULAR RISK IN ONCO-CARDIOLOGY: CROSS-IMPACT OF HORMONAL THERAPY AND DIETARY HABITS
<b>T1P9</b>	MAKHOLOUF Chahrazed	MULTIPLE SCLEROSIS TREATMENT WITH MONOCLONAL ANTIBODIES: CLINICAL OUTCOMES AND LINKS TO OXIDATIVE STRESS
<b>T1P10</b>	BOUZEKRI Hiba	STRESS OXYDANT ET SES IMPLICATIONS EN CANCEROLOGIE
<b>T1P11</b>	DOUAOUI Sana	COMPARATIVE ANALYSIS OF SYSTEMIC INFLAMMATORY BIOMARKERS AND OXYDATIVE STRESS IN COPD AND ASTHMA PATIENTS
<b>T1P12</b>	TIGRINE Chafia	INHIBITION OF BACTERIAL VIRULENCE ENZYMES AS AN INDIRECT MODULATOR OF OXIDATIVE STRESS: INSIGHTS FROM A NANO-HERBAL SYSTEM
<b>T1P13</b>	ADROUCHE Yasmine	STUDY OF THE EFFICIENCY OF SOME FUNGAL BIOMOLECULES ON OXIDATIVE STRESS IN RED BLOOD CELLS
<b>T1P14</b>	DOUANI Wahiba	FROM DATE PALM FRUIT TO NUTRACEUTICAL PRODUCTS : VALORISATION AND THERAPEUTIC POTENTIAL
<b>T1P15</b>	MEZIOUG Dalila	IMPLICATION OF OXIDATIVE STRESS IN THE DEVELOPMENT AND PROGRESSION OF COLORECTAL CANCER ASSOCIATED WITH METABOLIC SYNDROME
<b>T1P16</b>	CHAOUATI Karima	PHYTOCHEMICAL CHARACTERIZATION AND EVALUATION OF THE ANTIOXIDANT ACTIVITY OF FOUR MEDICINAL PLANTS FROM THE MÈDÉA REGION
<b>T1P17</b>	OUSSAID Sounia	PHYTOCHEMICAL PROFILE AND IN VITRO ANTIOXIDANT POTENTIAL OF <i>BUNIUM BULBOCASTANUM</i>
<b>T1P18</b>	KOURI Achour Karim	LA BRONCHO-PNEUMOPATHIE CHRONIQUE OBSTRUCTIVE ET LE STRESS OXYDANT CHEZ UNE POPULATION ALGERIENNE
<b>T1P19</b>	MENACER Amel	EPIDEMIOLOGICAL AND ANATOMO-HISTOPATHOLOGICAL PROFILE OF PROSTATE CANCER: A RETROSPECTIVE STUDY AT THE EPH OF KOLEA, TIPAZA
<b>T1P20</b>	KADRI Farida	OXIDATIVE STRESS AND CLINICO-IMMUNOLOGICAL FEATURES OF SYSTEMIC LUPUS ERYTHEMATOSUS IN AN ALGERIAN COHORT: A COMBINED RETROSPECTIVE AND PROSPECTIVE STUDY
<b>T1P22</b>	ROUBAI Amira	MAGNESIUM AND HEALTH: WHICH FORM TO CHOOSE?
<b>T1P23</b>	BOUGUEDRA Amira	COMPARAISON OF CLINICOPATHOLOGICAL PROFILES IN TRIPLE-NEGATIVE AND NON-TRIPLE-NEGATIVE BREAST CANCER IN ALGERIA
<b>T1P24</b>	DOUCHA Houria	PERTURBATIONS HEPATO THYROIDIENNES CHEZ LES RAFFINEURS : IMPLICATION POTENTIELLE DU STRESS OXYDATIF
<b>T1P25</b>	BOUZIANE Wissal	OXIDATIVE STRESS IN THE EXPRESSION OF CERTAIN HUMAN DISEASE
<b>T1P26</b>	BOUZID Feriel	OXIDATIVE STRESS PROFILE IN BEHÇ ET'S DISEASE: SYSTEMIC ALTERATIONS AND PULMONARY INVOLVEMENT
<b>T1P27</b>	SLAMA Nada	OXIDATIVE STRESS AND LUNG DISEASES: PROTECTIVE ROLE OF NADH IN A COPD EXPERIMENTAL MODEL

**Tuesday, April 28, 2026**

**Plenary Conferences (09h00-10h00)**

**Chairpersons of the Session:**

**Pr Leila SAADI, Dr Fadhila MOHAMED MAHMOUD & Dr Assia AMOKRANE**

**Cf1**

**Dr Aika EDDAKRA**  
Blida 1 University

STRESS OXYDATIF ET POLYMORPHISMES ENZYMATIQUES : IMPLICATIONS GENETIQUES ET ENVIRONNEMENTALES DANS LA PATHOGENESE DU DIABETE DE TYPE 1

**Cf2:**

**Dr HAYET AOURAGH,**  
Blida 1 University

OXIDATIVE STRESS AND *WNT* /  $\beta$ -*CATENINA* KEY AXIS IN HEPATOCELLULAR CARCINOMA

**ORAL PRESENTATIONS SESSION (10h30-11h15)**

**Room 1: Nutrition and Health/ Oxidative Stress and Human Diseases**

**(T1/5 and T3/9-11): 4 Oral Communications**

**Session Chairs: Dr Djamila DEFFAIRI, Dr Amine ALLAoui & Dr Wahiba HAMZI**

10h30

**T3CO9**

SOUSSI  
Nassima

MISE EN EVIDENCE DE COMPOSE BIOACTIFS A INTERET NUTRITIONNEL ET SANTEPROFILE PHENOLIQUE DE LA NOIX DE COCO PAR CHROMATOGRAPHIE LIQUIDE HAUTE PERFORMANCE (HPLC)

10h45

**T3CO10**

Farida  
BENDALI

ANTI-OXIDATIVE POTENTIAL OF PROBIOTIC YEASTS SACCHAROMYCES CEREVISIAE AND KLUYVEROMYCES MARXIANUS

11h

**T1CO11**

DAHOU Sara

VITAMIN D AND ZINC SUPPLEMENTATION EFFECT ON DYSBIOSIS IN CHRONIC INFLAMMATORY BOWEL DISEASE IN ANIMAL MODEL

11h15

**T1CO5**

KSOURI  
Aicha

ÉVALUATION DE L'ACTIVITE ANTIOXYDANTE DE COMPOSESBIOACTIFS D'UNE EUPHORBIACEE FACE AU STRESS OXYDATIF

**Plenary Conferences (12h15-12h40)**

**Chairpersons of the Session:**

**Pr Leila SAADI, Dr Hafida AMEDJKOUH & Pr Djamel BENDJOUDI**

**Cf**

**Dr Alia Simona ABDUL HUSSEIN**  
Blida 1 University

Intelligence artificielle dans la quantification du stress oxydatif : vers une médecine prédictive et personnalisée

**POSTER SESSION (10h00-13h00)**

**Room 3**

**(PFT/1-3 ; T6/1-3 and T5/1-16 ; T2P3): 18 posters**

**Session Chairs: Pr Hassina KHALDOUN, Dr Nabahet BENMANSOUR, Dr Ibtissem ELMAHDI, Dr Sonia Sonia, Dr Imene DROUCHE, Dr Mohamed GRANDI, Dr Lydia-Saliha BOULESNAM, Dr Nassiba MOGHNI**

**PFT1**

DJAIRENE  
Nassima

EVALUATION OF THE STATE OF OXIDATIVE STRESS AND HISTOPATHOLOGICAL AND BIOLOGICAL ALTERATIONS IN COLORECTAL CANCER

5

<b>PFT2</b>	GHERIB Abdelfettah	DEVELOPMENTAL, BEHAVIORAL AND BIOCHEMICAL BIOMARKERS OF PAHS-ANTHRACENE AND HEAVY METAL-PB+2 TOXICITY TO ZEBRAFISH EULEUTHEROEMBRYOS
<b>PFT3</b>	BOULAGHMEN Faiza	ETUDE DE LA COMPOSITION CHIMIQUE ET ACTIVITE CICATRISANTE DE L'HUILE ESSENTIELLE DE THYMUS GUYONII D'AFLOU ALGERIE
<b>T1P28</b>	TOUBAL Souheyla	PHYTOCHEMICAL CHARACTERIZATION AND ANTIOXIDANT ACTIVITY OF <i>CHRYSANTHEMUM MACROCARPUM</i> AS A NATURAL STRATEGY AGAINST OXIDATIVE STRESS
<b>T6P1</b>	BOUKERT Razika	DIGITAL TECHNOLOGIES AND ARTIFICIAL INTELLIGENCE FOR THE PREVENTION OF OXIDATIVE STRESS
<b>T6P2</b>	LASMI Faouzi	RSM-ARTIFICIAL NEURAL NETWORK (ANN)-LMP MODELING APPROACH: GREEN SYNTHESIS OF SILVER NANOPARTICLES (AGNPS) USING AQUEOUS EXTRACT OF RED ONION PEEL, CHARACTERIZATION, ANTIMICROBIAL AND ANTIOXIDANT ACTIVITY
<b>T6P3</b>	BOULESNAM SALIHA LYDIA	FROM SURFACE RESILIENCE TO CLINICAL PAN-RESISTANCE: AN AI-INTEGRATED MAPPING OF OXIDATIVE STRESS AND SOS-MEDIATED EVOLUTION IN NEUROSURGICAL KLEBSIELLA PNEUMONIAE
<b>T5P1</b>	BEN YACOUB Assia	ENHANCING THE STABILITY OF RICINUS COMMUNIS : PREPARATION AND CHARACTERIZATION OF A MOLECULAR COMPLEX
<b>T5P2</b>	LEBTAHI Neila	MICROALGUES : SOURCES NATURELLES DE COMPOSESBIOACTIFS A INTERET THERAPEUTIQUE
<b>T5P3</b>	BELDJOUHAR Nadjiba	ROLE DES PROBIOTIQUES DANS LA MODULATION DU STRESS OXYDATIF : SYNTHESE BIBLIOGRAPHIQUE
<b>T5P4</b>	TADJINE Nacéra	ANTIOXIDANT AND ANTI-INFLAMMATORY ACTIVITIES OF ZIZIPHUS LOTUS EXTRACTS : CORRELATION WITH PHENOLIC PROFILE
<b>T5P5</b>	BOULAIONE Abderrahmane	ANTIOXIDANT ACTIVITY OF SILVER NANOPARTICLES: DOES THE SYNTHESIS ROUTE MATTER?
<b>T5P6</b>	MEDJAHED Anes	PROTECTIVE EFFECTS OF SYZYGIUM AROMATICUM AGAINST OXIDATIVE STRESS IN ANIMAL HEALTH AND WELFARE
<b>T5P7</b>	LASMI Faouzi	ELECTROCHEMICAL PRODUCTION OF AGNPS OPTIMIZED BY RSM-ANN-LMP: CHARACTERIZATION, ANTIMICROBIAL AND ANTIOXIDANT PROPERTIES
<b>T5P8</b>	EL HADDAD Djillali	DEVELOPMENT OF AN ANTIOXIDANT NANOGEL BASED ON HELMINTHOTHeca ECHIOIDES: PHYTOCHEMICAL AND BIOLOGICAL EVALUATION
<b>T5P9</b>	BENYAMMIR oukia	BIOTECHNOLOGICAL ENHANCEMENT OF ANTIOXIDANT COMPOUNDS IN LAVANDULA DENTATA SHOOTS VIA MORINGA OLEIFERA EXTRACT AND NaCl ELICITATION
<b>T5P10</b>	OUSSAID Sounia	PHYTOCHEMICAL PROFILE AND IN VITRO ANTIOXIDANT POTENTIAL OF <i>BUNium BULBOCASTANUM</i>
<b>T5P11</b>	AIDOUD Aziouz	RED CAROTENOID ENRICHED VEGETABLE OILS: A PROMISING STRATEGY AGAINST OXIDATIVE STRESS

	<b>T5P12</b>	BELATEL Khaled	EVALUATION IN VITRO: THE ANTIOXIDANT POTENTIAL, ANTI-INFLAMMATORY AND ANTI-UROLITHIASIS ACTIVITIES OF ALHAGI MAURONUM. IN THE MITIGATION OF OXIDATIVE STRESS-RELATED DISORDERS
	<b>T5P13</b>	BIREM Zahia	EFFETS PROTECTEURS DE L'EXTRAIT AQUEUX DE LA GRENADE « PUNICA GRANATUM » SUR L'HISTOLOGIE DE LA GLANDE THYROÏDE CHEZ LE RAT WISTAR MALE SOUMIS A LA DIETE HYPERLIPIDIQUE
	<b>T5P14</b>	SEMMAR Imen	FORMULATION AND EVALUATION OF AN ANTIOXIDANT CREAM BASED ON GRAPE SEED OIL FOR SKIN AGING PREVENTION
	<b>T5P15</b>	CHAOUATI Karima	PHYTOCHEMICAL CHARACTERIZATION AND EVALUATION OF THE ANTIOXIDANT ACTIVITY OF FOUR MEDICINAL PLANTS FROM THE MÈDÉA REGION
	<b>T5P16</b>	CHERIF Hamida Saïda	PLANTES À POTENTIEL ANTIOXYDANT : ÉTUDE PHYTOCHIMIQUE ET ACTIVITÉ ANTIOXYDANTE DE HIBISCUS ROSA-SINENSIS L.
	<b>T2P3</b>	CHERIF salah	MODELING AND STATISTICAL ANALYSIS OF OXIDATIVE STRESS IN BIOLOGICAL SYSTEMS
	<b>T3P27</b>	HIHAT Soraya	INNOVATIVE DEVELOPMENT OF A GLUTEN-FREE FUNCTIONAL BISCUIT ENRICHED WITH BIOACTIVE COMPOUNDS FROM

**POSTER SESSION (13h15-15h00)**

**Room 3  
T3 (4-26) : 21 posters**

**Session Chairs:**

**Dr Fayrouz ROUAKI, Dr Amel KANANE, Dr Amel KOUIDRI, DR Amine ALLAOUI, Dr Souad SOUR, Dr Nadia GUESSAIBIA, Dr Chahrazed MAKHLOUF, Dr Khadidja ZEROUTI, Dr Nacera BEN OUSSAID, Dr Ramdane MOHAMED SAID, Dr Djamila DEFFAIRI, Dr Imene LAFRI**

	<b>T3P4</b>	BOUHENNI Hamida	CONSEQUENCES HORMONO-METABOLIQUES CHEZ LES ADOLESCENTS EN EXCES DE POIDS
	<b>T3P5</b>	MOHAMED ILHEM SARRA MANEL	DIETARY HABITS AND LIFESTYLE BEHAVIORS OF WOMEN WITH BREAST CANCER IN REMISSION
	<b>T3P6</b>	CHAIBAI AMEL	L'ORGE « HELBA » COMME SUBSTRAT POUR LE LEVAIN NATUREL: CARACTÉRISATION PHYSICO-CHIMIQUES ET APTITUDE A LA FERMENTATION SPONTANÉE.
	<b>T3P7</b>	DJAHRA Hadjer	ÉTUDE DE LA RICHESSE NUTRITIONNELLE ET DES COMPOSÉS BIOACTIFS DU MORINGA OLEIFERA
	<b>T3P8</b>	IAICHE-ACHOUR Leila	OLIVE OIL CONSUMPTION FREQUENCY DURING RAMADAN AND ITS POTENTIAL ROLE IN MODULATING OXIDATIVE STRESS THROUGH DIETARY ANTIOXIDANTS
	<b>T3P9</b>	HEZIL Djamila	NUTRITIONAL MODULATION OF OXIDATIVE STRESS: A SUSTAINABLE STRATEGY FOR IMPROVING ANIMAL HEALTH

	<b>T3P10</b>	OTSMANE Mustapha Walid	POTENTIEL ANTIOXYDANT ET ANTI-INFLAMMATOIRE DES COMPOSANTS BIOACTIFS DE MOULES MÉDITERRANÉENNES FACE AUX COMPLICATIONS CARDIO-MÉTABOLIQUES.
	<b>T3P11</b>	SOUTTOU Sabrina	IMPACT OF STREPTOZOTOCIN-INDUCED DIABETES ON THE HISTOLOGICAL STRUCTURE OF THE RAT NEUROHYPOPHYSIS
	<b>T3P12</b>	DIF Sabrina	ANTIOXIDANT ACTIVITY OF THE METHANOLIC EXTRACT OF <i>SALVIA OFFICINALIS</i>
	<b>T3P13</b>	SEMMAR Imene	IMPACT OF MODERN DIETARY HABITS ON OXIDATIVE STRESS
	<b>T3P14</b>	BENHAMOU HICHEM	ALIMENTS FONCTIONNELS À BASE DE COPRODUITS MARIN ET SANTÉ CARDIOMÉTABOLIQUE : ÉVALUATION IN VITRO DES PROPRIÉTÉS BIOLOGIQUES
	<b>T3P16</b>	TSOURI FADWA YASSAMINE	OXIDATIVE STRESS AND ANTIOXIDANT POTENTIAL OF CITRUS FRUITS
	<b>T3P17</b>	HIHAT Soraya	NUTRITIONAL VALORIZATION OF <i>OPUNTIA FICUS-INDICA</i> CLADODES: ANTIOXIDANT PROPERTIES AND DEVELOPMENT OF A CURCUMIN-ENRICHED BIODEGRADABLE COATING FOR HEALTHY FRUIT PRESERVATION
	<b>T3P18</b>	KRIMAT Soumeïya	SATUREJA CANDIDISSIMA: AN ENDEMIC PLANT OF ALGERIA WITH REMARKABLE BIOLOGICAL ACTIVITIES
	<b>T3P20</b>	MERAH Soumia	PHYTOCHEMICAL COMPOSITION AND ANTIOXIDANT ACTIVITY OF ESSENTIAL OIL OF <i>DITTRICHIA VISCOSA</i>
	<b>T3P21</b>	BENLEMMANE Samira	PHYSICO-CHEMICAL CHARACTERIZATION AND ANTIOXIDANT POTENTIAL OF SESAME OIL ( <i>SESAMUM INDICUM</i> )
	<b>T3P22</b>	OUAHCHIA Celia	EVALUATION OF THE ANTIOXIDANT AND ANTIMICROBIAL ACTIVITIES OF <i>SALVIA ROSMARINUS</i> ESSENTIAL OIL
	<b>T3P23</b>	Beldjouhar Nadjiba	ROLE DES PROBIOTIQUES DANS LA MODULATION DU STRESS OXYDATIF : SYNTHÈSE BIBLIOGRAPHIQUE
	<b>T3P24</b>	KOUIDRI Amel	INCORPORATION DE LA FARINE DE DATTES MECH DEGLA DANS UN BISCUIT SEC : VALORISATION D'UNE RESSOURCE LOCALE À POTENTIEL ANTIOXYDANT
	<b>T3P25</b>	CHIKHAOUI FATIMA ZOHRA	PROFIL NUTRITIONNEL DES FEMMES PRÉSENTANT UN SYNDROME DES OVAIRES POLYKYSTIQUES (SOPK)
	<b>T3P26</b>	LAFRI Imene	UTILISATION DE LA SPIRULINE DE BENI SAF COMME BIO-STIMULANT NATUREL DANS LA RÉDUCTION DU STRESS OXYDATIF ET L'AMÉLIORATION DES PERFORMANCES BIOLOGIQUES ET AGRONOMIQUES
	<b>T5P17</b>	BAHRIA Karima	OXIDATIVE STRESS MODULATION AS A STRATEGY TO LIMIT PRENEOPLASTIC LESION PROGRESSION: EVIDENCE FROM ADMH-INDUCED COLORECTAL CANCER MODEL

**15h30**

**CONCLUDING AND CLOSING CEREMONY**