



موريتانية للمعرفة للبحث العلمي والأخلاق  
المغربية للبحث العلمي والأخلاق

المبادرة الوطنية للتنمية البشرية  
المجلس الأعلى للمهارات  
المجلس الأعلى للمهارات



الكلية متعددة التخصصات تارودانت  
FACULTE POLYDISCIPLINAIRE TAROUDANT

# 5<sup>th</sup> ISDT 2025

## International Scientific Day of Taroudannt

MAY 17- 2025



association-mare.org



association.mare2@gmail.com



00 212 6 41 61 98 35



Coordinator : Pr. Nadia EL KADMIRI



جامعة تارودانت



المملكة المغربية  
وزارة التعليم العالي  
إقليم تارودانت



الإقليمية لجهة طنجة تطوان  
الإقليمية لجهة طنجة تطوان



Zaouia  
الزاوية



الجامعة المغربية للعلوم  
الجامعة المغربية للعلوم



Zenith pharma  
زنيث فارما



جامعة محمد السادس  
جامعة محمد السادس



مركز علمي لذبح المرضى  
Institut de Recherche sur le Cancer



Institut de Recherche sur le Cancer





# **5<sup>th</sup> International Scientific Day of Taroudannt**

<b>8H00</b>	<b>Registration</b>
<b>09H00</b>	<b>Inauguration</b>
	<b>Coffee_ Break</b>
<b>9H30</b>	<b>Opening Sessions / Evaluations</b>

## **Biology/Medicine/Nursing/ Health Sciences Session -Salle 9-**

**Coordinator: Prof. Abdellah HOUARI**

**Moderators: Prof. Fatima BOUBRIK & Prof. Bouchra RHERISSI**

### **Opening \_Session**

#### **Prof-ELGOT Abdeljalil**

Omega 3 fatty acid (DHA) Attenuates Manganese-Induced Neurotoxicity and Motor Deficits in a Mouse Model of Parkinsonism

#### **Prof- Lahcen ELMOUMOU**

Challenges to Gluten-Free Diet Adherence in Adults with Celiac Disease

#### **Prof-Hicham GOUGUENI**

Phytotherapy practices in southern Morocco: Variations in use and experience in the treatment of gastrointestinal disorders

### **Oral\_ Presentations**

#### **Barhoine Mariama**

Antibiotic Susceptibility Patterns of *Helicobacter pylori* in Southern Morocco

#### **Raouani Oussama**

Bouffa Use in Morocco: Neuropsychiatric Effects and Health Professionals' Perceptions in the Case of Casablanca

#### **Youssef El Bahi**

Epidemiology of tuberculosis in Marrakech-Safi region (Morocco): diagnosis, treatment, quality of life and associated factors

#### **Beraouz Ikram**

Toxicity Effect of Moroccan Saffron By-Products in Wistar Rats

#### **Hasna Ait Said**

Study of intestinal microbiota in children with celiac disease

#### **Benabouche Salma**

Optimizing Culture Conditions for Carotenoid Synthesis in Saline Microalgae from Southern Moroccan Saltworks



# 5<sup>th</sup> International Scientific Day of Taroudannt

<b>Hachem Elaazri</b> The Effect of Cannabis on Depression: A Behavioral and Neurophysiological Study in Experimental and Clinical Models	<b>Ahmed Oubaasri</b> Feature Selection for Tuberculosis Treatment Outcomes: A Machine Learning Approach
<b>Hachimi Noufel</b> Prediction and analysis of cannabinoid extracts in an Alzheimer's disease model: Experimental and bioinformatics approach focusing on the BDNF/TrkB pathway	<b>Hicham Ben-Lahcen</b> Determinants of primary healthcare facility performance: the case of the national immunization program
<b>El Hanafi Aicha</b> Impact of Poverty Status on the Quality of Life of Diabetic Patients: A Cross-Sectional Analysis in Morocco	<b>Aya Ikhelk</b> Adopting Evidence-Based Practice in Morocco: A Cross-Sectional Study on Nurses' Perceptions, Challenges, and Opportunities
<b>Beraouz Ikram</b> Toxicity Effect of Moroccan Saffron By-Products in Wistar Rats	<b>Nezha El Mansouri</b> Promoter Polymorphism in <i>Tumor Necrosis Factor <math>\alpha</math> (TNF<math>\alpha</math>)</i> as a Genetic Risk Factor for High-Risk Human Papillomavirus-associated Cervical Cancer in Morocco
<b>Latifa Gualahyane</b> Prevalence and associated factors of anemia among pregnant women in the province of Taroudant: A preliminary cross-sectional study	<b>Hicham El Mouaddib</b> The assessment of the quality of primary care using the SERVQUAL scale: A cross-sectional study in Morocco
<b>Jennifer Costa Leoncio</b>	The Effects of Argan Oil in 6-OHDA Animal Model of Parkinson's Disease as a Future Perspective Treatment

## Biology/Medicine/Nursing/ Health Sciences Session -Salle 10-

**Coordinator: Prof. Hind DEHBI**

**Moderators: Prof. Amal TAZZITE & Prof. Bouchaib GAZZAZ**

### Opening Session

**Prof-Tazzite Amal**

Pharmacogenomics: Experience of the Medical Genetics Laboratory of Ibn Rochd University Hospital

**Prof-Bouchaib Gazzaz**

Forensic genetic and genomic testing: State of art, current and emerging methods and social, ethical and legal aspects

### Oral Presentations

**Saloua Ferjij**

Anxiety and Depression in Patients With Chronic Diseases at the Regional Hospital Center Beni Mellal, Morocco. The case of Thyroid Disorders.

**Bellemrrabet Rawane**

Modulating Mitochondrial CB1 Receptor: Strategy to alter metabolism and inflammatory processes in Acute Myeloid Leukemia

# 5<sup>th</sup> International Scientific Day of Taroudannt

<b>Asmaa Essemali</b> HER2-low Breast Cancer: A New Paradigm Beyond Binary Classification	<b>Boujdid Mohamed</b> The impact of simulation training in reducing maternal mortality and morbidity in low-income countries: a systematic review
<b>Fatima Es-Sabir</b> Prevalence and risk factors of medication adherence among women with hypertension from Souss area: A cross-sectional study	<b>Sabri Abdellah</b> Stigmatisation des personnes atteintes de schizophrénie au Maroc : Une recherche à méthode mixte sur la prévalence et les attributs stigmatisants
<b>Smaili Rachid</b> Immune Checkpoint Inhibitor-Induced Myositis : Findings from the Largest Single-Center Cohort and Implications for Preparedness in North Africa	<b>Soufiane El Moussaoui</b> Pediatric emergencies and brain imaging
<b>Fatima Zohra Attouahri</b> Biomarker Discovery for Radiotherapy Resistance in Lung Cancer	<b>Karim Khadija</b> Fluorometric assay of copper in Wilson disease
<b>Kaoutar Anejdam</b> Epidemiological study on nasopharyngeal cancer in Morocco: Case of the University Hospital Center MOHAMMED VI in Marrakech.	<b>Salma Saadi</b> Hospital Based Colorectal Cancer Epidemiology: a 3-year study of patients treated in Mohammed VI Center for Cancer Treatment - Morocco
<b>Adli Othmane</b> Pilot Study on Rapid Screening for Prostate Cancer in Morocco	<b>Meryem Aarab</b> A retrospective Look at Lung Cancer Epidemiological Trends in Mohammed VI Center for Cancer Treatment
<b>Idrissi Ouedrhiri Housna</b> Melatonin-Metformin Co-Therapy Reduces Oxidative Stress and Behavioral Dysregulation in a Diabetic Mouse Model Exposed to Chronic Immobilization stress	<b>Ezzahra Rachid</b> Metabolic Vulnerabilities and Autophagy Adaptations in Chronic Myeloid Leukemia: Keys to Overcoming Imatinib Resistance
<b>Soukaina Loulidi</b> Paediatric cataracts: Epidemiological, aetiological and clinical profiles in Morocco	<b>Benzahra Yasmine</b> Examining the Impact of Depression on Cognitive Function in Women: Insights from a Psychiatric Hospital Using the Beck Depression Inventory and Moroccan Version of MoCA Test
<b>Mina Ait Kaddour</b>	Establishment of the hematology reference intervals in a healthy population of adults in the Agadir-Idaoutanane prefecture: Preliminary study
<b>POSTER _SESSION</b>	
<b>Lahyani Youssef</b> Impact of sociodemographic factors, sleep, physical activity, and sedentary lifestyle on BMI and central obesity in schoolchildren aged 6-12 years in Marrakech, Morocco	
<b>Brahim Boudrari</b> Biological and Molecular Diagnosis of Wilson's disease	
<b>Jebhi Khalid</b> Optimization of Congo Red Staining Technique for the Histological Diagnosis of Amyloidosis	



# **5<sup>th</sup> International Scientific Day of Taroudannt**

**Prof-Amina Gibbid**

High-risk human papillomavirus genotypes in Moroccan women: data from private practice and relevance for cervical cancer prevention

**Saloua Ferjij**

Prevalence and Determinants of Malnutrition Among Hemodialysis Patients at Beni Mellal Dialysis Center, Morocco: A Cross-Sectional Study.

**Sbabou Mohammed**

Evaluation of the impact of the sensibilization campaign on the field of Breast Cancer in Morocco.

**Soufiane El Moussaoui**

Imaging during childhood epilepsy in pediatric emergencies

**Ait Said Naima**

Antibiotic resistance profile of urinary tract infections caused by Enterobacteriaceae in the province of Inezgane Ait Melloul

**Moustakim Rachida**

Association between obesity and chronic kidney disease in Moroccan adult population

**Ennouri Hiba**

Hunter syndrome: Optimization of the PCR reaction of exons III and IX in the *IDS* gene

**Rachida Boutiti**

Clinical study of newborns born to mothers with gestational diabetes in the Souss Massa region of Morocco

**Youssef El Bahi**

Characteristics of Tuberculosis in Marrakech (Morocco): Epidemiology and Related Factors

**Soukaina Loulidi**

Distribution and Risk factors for childhood visual deficiency in Morocco: Case – control study

**ASSMAA TALI**

Lambda-cyhalothrin sex-dependently alters behavioural abilities in Swiss mice

**Ettaf Kaoutar**

Epidemiological profile and risk factors of Spina Bifida: A retrospective study

**Janyene Fatima Zahra**

Aspects radiologiques des tumeurs de l'estomac : à propos de 35 cas

**Latifa Gualahyane**

Exploring anemia during pregnancy: A review of epidemiological, clinical and therapeutic aspects

**Madani Houria**

Argan Oil supplementation: Neuroprotective and antioxidant effects

**Oukhdouch Anass**

Detection of O6-methylguanine-DNA methyltransferase gene methylation status in IDH-wild type glioblastomas using methylation-specific qPCR: a first report from Morocco

**Jamila Taouaf**

Physical activity in cancer prevention: A systematic review

**Adli Othmane**

Exploring the Link Between Sperm Parameters and Markers of Chromatin Decondensation and DNA Fragmentation in Semen

**Chibibi Hajar**

Analysis of the distribution of genetic polymorphisms involved in the variation of the *CTLA4* immunosuppression gene expression in the Souss Massa population.

**Laaziouez Yassir**

BaCl<sub>2</sub>-Induced Neurotoxicity: Protective Role of Argan Oil on Brain Tissue

# 5<sup>th</sup> International Scientific Day of Taroudannt

## Mouafik Abdelilah

Personal and Collective Effectiveness in Managing Human Adaptation and Change: The Case of the Village of Tizi N'Oucheg in the Marrakech Region

## Mina Ait Kaddour

Understanding the Complete Blood Count: Insights into a Key Diagnostic Tool

## Elmasnaoui Meryem

Antimicrobial Resistance and the Search for Novel Antibiotics: From Mechanisms to Microbial Biodiversity

## Marzouk Ranya

Toxicity of Medicinal and Aromatic Plants in Morocco : Risk Evaluation and reports cases .

## Geosciences\_Marine\_Environment\_Geomatics\_Session

### -Salle 2 -

**Coordinator: Prof. Zine El Abidine EL MORJANI**

**Moderators: Prof. Mohammed HSSAISOUNE & Prof. Abdellah BOUAZZA & Prof. Aziza LANSARI**

### Opening\_Session

#### Prof-El Morjani Zine El Abidine

Sustainable Rainwater Management for the Water Autonomy of the Polydisciplinary Faculty of Taroudant

### Oral\_Presentations

#### H'anane Sahil

Effect of Two Types of Biochar Derived from Agricultural Waste on the Physicochemical Properties of Clay Soil

#### Abdelhadi Ajerrar

Ants diversity and their roles in the Argan biosphere reserve

#### Dibar Zohayr

Spatio-Temporal distribution and Species Diversity of Sea Turtles strandings in the Moroccan Exclusive Economic Zone

#### Sahla Karim

Assessment of aquatic pollution in the southern bay of Agadir, integrated response of biomarkers in the bivalve mollusc *Mytilus galloprovincialis*

#### Sebbab Mohamed Mahmoud

Geo-resources of the Lakhssas Plateau and the Ifni Massif (Western Anti-Atlas, Morocco): A Geotechnical and Spatial Assessment for the Sustainable Development of Quarries.

#### Laaraj Nour.eddine

First Observations of Microplastic Pollution in Freshwater: Chemical and Ecological Characterization at the Abdelmoumen and Ben Tachfine Dams in Morocco and Their Effects on Biodiversity.

#### Ouheddu Maryam

Analysis of Microplastic Presence in Commercial Salts in Morocco: Origins of Contamination and Health and Environmental Hazards.

#### Oubaali Laila

Methane Emission from Municipal Solid Waste Landfill, Agadir



# **5<sup>th</sup> International Scientific Day of Taroudannt**

<b>Atni Ayoub</b> Modern agricultural dynamics in the Oued Sayad basin: the current situation, spatial and environmental transformations.	<b>Hamza Taghlaoui</b> Application de la teledetection et de machine learning pour le suivie des cultures de figuier de barbarie ( <i>opuntia ficus indica</i> ) dans le sud du Maroc.
<b>Fatima Elaissaoui</b> Carbon Farming as a Strategy for Adapting to Climate Change in Morocco: Opportunities and Challenges in the Doukkala Region.	<b>Tounf Oumaima</b> Desertification assessment using MEDALUS Model in Tafilalet Oases, Morocco
<b>POSTER SESSION</b>	
<b>Zaazaa Hasna</b> Vegetation Cover Degradation and Its Role in the Evolution of Geomorphological Processes on Mountain Slopes: An Analytical Approach Using GIS and Remote Sensing – The Case of Wadi Lamded Basin	
<b>Laaraj Nour.eddine</b> Taxonomic inventory and analysis of functional traits of benthic macroinvertebrates in the Abdelmoumen and Youssef Ibn Tachfine dams (Morocco)	
<b>Ouchlif Ayoub</b> Harnessing Geospatial Data for Smart Urban Planning: Case Study of Taroudannt-Tiznit-Tata Urban Agency	
<b>Sahla Karim</b> The effect of the installation of the LAMZAR wastewater treatment plant on the TAKAD coastal ecosystem; microbiological and physicochemical assessment	
<b>Assendal Hakima</b> From Waste to Resource: Valorization of Low-Cost Agricultural Wastes through Pyrolysis and Characterization of the Produced Biochars for Sustainable Soil Management	
<b>Demnati Khadija</b> Climate change and citrus: Analysis of climate trends and pest monitoring	
<b>Ouheddou Maryam</b> Analysis of Edible Fish as Bioindicators for Microplastic Contamination in Morocco	
<b>Baila Fatima</b> Between Science and Engineering: From Innovative Extraction Techniques to Revolutionary Applications of Muscovite	



# **5<sup>th</sup> International Scientific Day of Taroudannt**

## **Chemics \_Session -Salle 1-**

**Coordinator : Prof. Abdellatif EL HAMMADI**

**Moderator: Prof. Fatima EL BAZ**

### **Opening \_Session**

**Prof. Fatima El Baz**

Chemistry and sustainability

### **Oral\_ Presentations**

**Maryam Bah**

The green algae "Ulva lactuca" from the southern region of Agadir: Characterization, properties, and optimization of organic compound extraction parameters.

**Mourad Arrach**

Artificial Intelligence for Wastewater Treatment: A Comprehensive Analysis of Emerging Trends and Innovations

**Saghir Yahia**

Development and Evaluation of an Organoclay Composite for Cr (VI) Removal

**Sana Abbas**

Directional study of novel ring-shaped donor molecules: A-D-A Type Small Organic Solar cells

**Sara Darbal**

Highlighting a new green scale inhibitor derived from the thermal waters of Ain Skhouna spring in the Agadir region

**Abdallah Imjjad**

First Principles Investigations of Mild Steel Corrosion Inhibition by Dopamine Derivatives in HCl Solution

**Aoujil Fatima Zahra**

Validated Aspen Plus Model for Optimizing Hydrogen Production via Downdraft Steam Gasification of Pine Particles

**Elhaid M'bark**

Benzothienopyran derivatives as potential eco-friendly corrosion inhibitors for carbon steel in acidic conditions: Effectiveness and surface adsorption mechanism

### **POSTER \_SESSION**

**Erraji Fatima Zahra**

Sustainable Cuttlebone-Zinc Oxide (CB@CuO) Nanocomposite for anionic dye removal

**Ezzaine Malika**

Comparative Study of Crystal Violet and Congo Red Adsorption on a Chitosan-Based Biosorbent



# **5<sup>th</sup> International Scientific Day of Taroudannt**

## **Physics\_Session**

**-Salle 3-**

**Coordinator: Prof. Adil HAMINE & Prof. MohamedERRAI**

**Moderators: Prof. M.BELLIOUA & Prof. A. NAIT ALLA**

### **Opening\_Session**

#### **Prof-Mohammed Bellioua**

Exploration of the Universe and Advanced Civilizations: A Perspective on the Kardashev Scale

#### **Prof-Zakaria Ghouli**

Energy Recovery in a Nonlinear Harvesting System with Time-Delay Effects

#### **Prof-Abderrahman Nait Alla**

Innovative Numerical Approach for Liquid-Gas Interface Tracking in Flowing Thin Films

### **Oral\_Presentations**

#### **Tabramet Youssef**

Thermal Transfer and Evaporation of Water-Ethylene Glycol and Deuterium-Ethylene Glycol Binary Mixtures in a Vertical Tube

#### **Mohamed Id Elamel**

The Impact of Hole Density in the Cu(2) $O_2$ Plane on the Physical Properties of LnBaSrCu<sub>3</sub>O<sub>6+z</sub>(Ln=Y, Sm, Nd) Compound

#### **Bouzit Fatima**

Heat Treatment-Induced Changes in Crystalline Parameters of (Y<sub>1-x</sub>Sm<sub>x</sub>)<sub>1-y</sub>EuyBaSrCu<sub>3</sub>O<sub>6+z</sub>Compound

#### **Saf Hafsa**

Enhanced Design and Optimization of Perovskite Thin-Film Materials for NextGeneration Solar Cells

#### **Hamza Mhamdi**

Quantum Information Processing: Principle, advancement and challenges

#### **Boumdyan Mohamed**

Low-Temperature Magnetotransport Near the Metal-Insulator Transition in Three-Dimensional <sup>70</sup>Ge:Ga

#### **Khalid Talbi**

Investigating Entanglement k in a Three-Level Laser System via Extractable Wor

#### **Zaki Mohamed**

Investigation of thermal effects and performance in high-power LMA Tm-doped fiber lasers with nested-ring doping

#### **Anas AIT CHLIH**

Prospecting Quantum Correlations and Examining Teleportation Fidelity in a Pair of Coupled Double Quantum Dots System

#### **Hamid Jouah**

Heat dissipation and temperature dynamics of Er<sup>3+</sup> -doped tellurite fiber laser under different bidirectional pumping configurations

#### **Mustapha Ait Boukideur**

Study of the Structural, Mechanical and Thermodynamic Properties of the ErAs Phase and Thermodynamic Assessment of the Er-As Binary System

#### **Chkaifa Rabii**

Graphene and Quantum Correlations

# 5<sup>th</sup> International Scientific Day of Taroudannt

<b>Hbab Abdellah</b> DFT investigation of structural, ferroelectric, electronic and optical properties of the ferroelectric phase of lithium niobate single crystals	<b>M'bark Amghar</b> Étude théorique de la transparence induite électromagnétiquement dans un système optomécanique
<b>Lahcen Ait Lamine</b> DFT-based comparative study for predicting physical properties of zinc oxide in its wurtzite phase: Effect of the type of exchangecorrelation functionals	<b>BELKADI Fatima-ezahrae</b> Optimized Wavelet-Based Denoising of Neuropathic EMG Signals
<b>POSTER SESSION</b>	
<b>M'bark Amghar</b> Optomechanically Induced Transparency and its Applications in Cavity Optomechanics	
<b>Elamraoui Aziz</b> Thermal effect on non-classical correlations and entanglement between qubits system with Dzyloshinskii-Moriya interaction.	
<b>Brahim Ouazik</b> Theoretical investigation with Hubbard corrections of the structural and electronic properties of Strontium titanate single crystals	

## MATH/INFO SESSION

-Salle 6 -

**Coordinators:** Prof. ES-SAADY Youssef & Prof. SADIQ Abderrahmane

**Moderators:** Prof. ANTARI Jilali & Prof. IGUERNANE Mohamed & Prof. Mouhssine EL ATILLA

### Opening Session

#### Prof-Abderrahmane Sadiq

Artificial Intelligence in the Classroom: Promises and Pitfalls of Large Language Models in Higher Education

#### Prof-Mouhssine EL ATILLA

Recognition of Handwritten Arabic Derived Alphabets using a Sobel-Convolutional Neural Network Hybrid Approach

#### Prof-Mohamed Iguernane

Estimation in a censored nonlinear heteroscedastic functional regression model with martingale difference errors

### Oral Presentations

#### Bouchra El Hamidi

Co-evolution of Models and Metamodels in Model-Driven Engineering

#### Moulay Saddik Ait Charif

Toward Benchmarking LLM-Based Multi-Agent Systems in Educational Contexts



# **5<sup>th</sup> International Scientific Day of Taroudannt**

<b>Ouzahim Fatima</b> Retinal vessel segmentation: Review	<b>Abdeslam Charkaoui</b> The Integration of Large Language Models (LLMs) in Video Generation: State of the Art, Technical Challenges, and Future Directions
<b>Ayoub Ouarka</b> Enhancing Stress Detection Through Personality Traits Analysis	<b>Hasna Mahmoud</b> Smart Career Recommendations: Hybrid Recommender System using Content-Based Filtering and Deep Learning
<b>Sanae Bidariyn</b>	K-means Multi View Clustering Utilizing Sparse & Redundant Feature Learning & Laplacian Regularization

## **Economics & Law/Chariaa \_Session -Salle 4-**

**Coordinators & Moderators : Prof. Abdellatif ELMENSSOURI & Prof. El Habib DARKAOUI**

### **Opening\_Session**

#### **Prof-Abdellatif Elmenssouri**

La logistique portuaire et son impact sur la performance de la chaîne logistique

#### **Prof- El habib darkaoui**

Jurisprudential Principles Regulating Student Interactions within University Institutions

#### **Prof-Houmam Idriss**

Determinants of technical efficiency in Moroccan hospitals: an analysis using the DEA method and the Tobit model

### **Oral\_Presentations [Economics]**

#### **Fatima El Gareh**

A bibliometric analysis of logistics performance and employee commitment

#### **Ouissam El Alaoui**

Broadening the tax base in Morocco: How to integrate the Informal Economy?

#### **Achrih Lamia**

From Mobility to Sustainability: Aligning Transport and Urban Planning

#### **Fatima Zahra Oumouri**

Internal Audit in Moroccan Banks: A Systematic Review of Key Determinants and Performance Drivers of a Transforming Function

#### **Ghannam Mustapha**

From continuous improvement to a culture of operational excellence Case of the OFPPT

#### **Oubihi Ilham**

Gender in Digital Entrepreneurship: A Systematic Literature Review



# **5<sup>th</sup> International Scientific Day of Taroudannt**

<b>Oral Presentations [Law/Chariaa]</b>	
<b>Amina Daassis</b> Civil Liability of Artificial Intelligence: Rethinking Traditional Legal Paradigms	<b>Soufiane Guenouch</b> Crimes Affecting Automated Data Processing Systems and the Judicial Classification of Cybercrime
<b>Abli Asmaa</b> Legal liability in the context of medically assisted procreation	<b>Bahri Mouna</b> Comparative Law and Legal Translation: Beyond a Domestic Jurisdiction of the Law
<b>Jihane Elmergaoui</b>	Moroccan labor law and the challenges of digital transformation

<b>"Sociology, Education, Arts, Communication, Media, Languages, Literature" Session -Salle 5-</b>	
<b>Coordinator:</b> Prof. Kenza AAZMI	<b>Moderator:</b> Prof. Azouz EL HASNAOUI
<b>Opening Session</b>	
<b>Prof- Azouz El Hasnaoui</b> Is the health emergency infodemic-proof?	
<b>Prof-Elmostafa Omarakly</b> ChatGPT in Academic Research: Purpose, Practice, and Ethical Considerations	
<b>Oral Presentations</b>	
<b>El Hassan Roussi</b> Déterminants d'acceptation d'utilisation des nouvelles technologies d'information et de communication : Cas des étudiants en soins Infirmiers d'Agadir	<b>SABIR Fatima Ezzahra</b> Online French Learning for Rural University Students: The Case of the Multidisciplinary Faculty of Taroudannt
<b>El Khatmi Abdelkrim</b> The Breadth and Depth of Vocabulary Knowledge: Exploring Their Interplay and Uncovering Correlations: A Case Study of Moroccan Herb Vocabulary in the Tourism Sector	<b>Hamza Hassoun</b> The Impact of the Transient Information in EFL Contexts: Instructional Language as a Moderating Variable
<b>Yassine Touil</b> Dams in morocco: a royal policy for societal and sustainable water security	<b>Mounya Ouhaddou</b> Political communication in the digital age : the power of digital imagery as a tool of influence



# **5<sup>th</sup> International Scientific Day of Taroudannt**

<b>Mourad El Hanafi</b> The Impact of a Social Emotional Learning (SEL) Course on Students' School Behavior: Houara High School as a Case Study	<b>Mohamed Nid Hssain</b> The Impact of Amazigh Language Integration in the Moroccan Educational System on the Achievement of National Sameness: Perceptions and Challenges
<b>Said Echarkaui</b> Has the Implementation of the Unified Social Registry Contributed to Enhancing the Efficiency of Social Programs in Morocco?	<b>Lahoucine El Gouze</b> Analysis of the linguistic needs of learners of French via YouTube comments: Study of the "Français Facile" channel
<b>Ouagague Moulay Mohamed</b> School Remediation in the Digital Age: Realities, Challenges, and Success Perspectives	<b>Souad Benchouikh</b> Educational authority in the digital age: What will become of it in the face of artificial intelligence?
<b>El Madani Belfqih</b> La gestion des tours de parole dans la poésie d'asays, réglage et fonctionnement	<b>Ismail Ait Baddou</b> Functional Stress In Arabic Metrics
<b>Poster_Session</b>	
<b>El Atillah Abdessamad</b> Socio-psycho-economic development factors in mountain areas: the role of motivation	

**À Partir de 19h00**

**AWARDS & CERTIFICATES**

# 5<sup>th</sup> International Scientific Day of Taroudannt

 Moroccan Association for Research and Ethics  
الجمعية المغربية للبحث (العلمي) و (الأخلاقيات)



الكلية المتعددة المجالات التارودانتية  
FACULTE POLYDISCIPLINAIRE TAROUDANT

**5th ISDT 2025**

**Excellence Prizes**

-  **Excellence Scholarship**
-  **Best PROJECTS**
-  **Best STARTUP**  
\* Pour les Startups : un stand sera réservé gratuitement pour installer les projets
-  **BEST Communications Oral/Posters**



المبادرة الوطنية للتنمية البشرية  
中国政府和人民向您表示热烈祝贺



# 5<sup>th</sup> International Scientific Day of Taroudannt

 

Moroccan Association for Research and Ethics  
الجمعية المغربية للبحث العلمي و الأخلاقيات

دورة التعاونيات المنخرطة في المبادرة الوطنية للتنمية البشرية  
لتطوير المهارات- النسخة الثانية-2025

ورش التمكين الذاتي والاجتماعي والاقتصادي  
ورش تثمين النباتات الطبية وطريقة تسويقها



الدكتورة زهور ناس-جامعة المنستير- تونس

**أهداف الورشات:**

اكتشاف المشارك لكتفاته الذاتية من أجل تسهيل ادماجه الاجتماعي والاقتصادي  
تعزيز قدرات التعاونيات لتسهيل ادماجهم الاجتماعي والاقتصادي  
القدرة على الفعل من خلال اعداد المشارك مخططات شخصية وأهداف ذكية  
تمكين المشارك ذاتيا واجتماعيا واقتصاديا للدخول لمجال ريادة الاعمال  
التعرف على النباتات الطبية واستخداماتها  
تعلم طرق استغلالها  
كيفية التسويق و تثمين المنتوج

**تاريخ الإنجاز**

17 ماي 2025: اكتشاف الذات  
18 ماي 2025: الادماج الاجتماعي والاقتصادي  
19 ماي 2025: القدرة على الفعل

**مكان الإنجاز:** الكلية متعددة التخصصات تارودانت

**عدد المشاركين:** 25

  
00 212 6 41 61 98 35



**المبادرة الوطنية للتنمية البشرية**  
+01054+01055+01056+01057

## Honorary Guests



**Pr. Abdelaziz BENDOU**

Président de l'Université  
IBN ZOHR (UIZ), Maroc



**Pr. Hassan HMAYZ**

Doyen de la Faculté  
Polydisciplinaire de  
Taroudant, UIZ



**Dr. Khalid EL BAIRI**

Clinical Research Fellow, Faculty of  
Medical Sciences, University Mohammed  
VI Polytechnic, Benguerir, Morocco



**Dr. Joumana EL TURK**

Doyenne Faculté des Sciences de la Santé  
Université Internationale de Casablanca

## Scientific Committee

<b>Session "Biology, Medicine , Nursing, Health Sciences"</b>	
<b>Prof. Boubrik fatima</b>	<b>Prof. Hind dehbi</b>
<b>Prof. Abdellah houari</b>	<b>Prof. Amal tazzite</b>
<b>Prof. Bouchaib gazzaz</b>	<b>Prof. Rherissi bouchra</b>
<b>Prof. El Kadmiri nadia</b>	
<b>Session "Geology, Marine, Environment, Geomatics"</b>	
<b>Prof. Zine El Abidine El Morjani</b>	<b>Prof. Abdellah Bouazza</b>
<b>Prof. Mohammed hssaisoune</b>	<b>Prof. Aziza Lansari</b>
<b>Session " CHEMICS »</b>	
<b>Prof. Abdellatif El Hammadi</b>	<b>Prof. Fatima El Baz</b>
<b>Session " PHYSICS "</b>	
<b>Prof. A. Hamine</b>	<b>Prof.. M. Errai</b>
<b>Prof.Mohammed Bellioua</b>	<b>Prof. Abderrahman NAIT ALLA</b>
<b>Session " MATH-INFO"</b>	
<b>Prof. Abderrahmane Sadiq</b>	<b>Prof-Mouhssine El Atillah</b>
<b>Prof-Mohamed Igouernane</b>	<b>Prof. Es-Saady Youssef</b>
<b>Prof. Antari Jilali</b>	
<b>Session "ECO/Law/Chariaa"</b>	
<b>Prof. Abdellatif Elmenssouri</b>	<b>Prof. El Habib Darkaoui</b>
<b>Sociology, Education, Arts, Communication, Media, Languages and Literature</b>	
<b>Prof. Kenza AAZMI</b>	<b>Prof. Azouz EL Hasnaoui</b>

# **5<sup>th</sup> International Scientific Day of Taroudannt**

## Organizing Committee



Pr. Nadia EL KADMIRI  
FPT, UIZ



Pr. Abdellatif EL HAMMADI  
FPT, UIZ



Pr. Zine El Abidine EL MORJANI  
FPT, UIZ



Pr. Abdellah HOUARI  
FPT, UIZ



Pr. Abdellatif LAKNIFLI  
FPT, UIZ



Pr. Abdelaaziz AIT TALEB  
FPT, UIZ



Mr. Youssef MASSI  
FPT, UIZ



Mr. Omar ASFFAR  
FPT, UIZ



Mme. Samira EL MAJNAOUI  
FPT, UIZ



Mme, Hind LAAROUSSI  
FPT, UIZ



FPT-STUDENTS

## President of Event



Pr. Nadia EL KADMIRI, FPT, UIZ

*President of Moroccan Association for Research and Ethics (MARE)*



association.mare2@gmail.com



www.asscoiation-mare.org



ijre.asscoiation-mare.org



00 212 6 41 61 98 35



# 1<sup>ST</sup> ESERI 2025

EXCELLENCE SCHOOL OF  
ETHICS & RESEARCH & INNOVATION

INTERNATIONAL SCHOOL



19-24 MAY 2025



Join us



6 Modules  
Training /Workshops  
Excellence Prizes  
Projects assistance/support



Conference Room  
Polydisciplinary Faculty of Taroudannt

Registration/ info : [www.association-mare.org](http://www.association-mare.org)

Free accomodation \_limited places\_selection Criteria



# 1<sup>st</sup> ESERI 2025

International School



**Dr. Khalid EL BAIRI**

Université Mohammed VI Polytechnique- Benguerir-

19  
May

**Module 1: Research Integrity**



**Dr. Zouhour OUANES**

Université Monastir- Tunisie

20  
May

**Module 2: Technology Transfert & Innovation & Ethics**



**Pr. Mohammed Abdessadek & Pr. Abdellatif El HAMMADI** 21

Université IBN ZOHR -FPT-

May

**Module 3: Guide Statistiques & Logiciel R**



Deadline : April 17, 2025



**Join us**



6 Modules & Certificates  
Training /Workshops  
Excellence Prizes  
Projects assistance/support



Polydisciplinary Faculty of Taroudannt



Registration/ info : [www.association-mare.org](http://www.association-mare.org)

Free accomodation \_limited places\_selection Criteria



# 1<sup>st</sup> ESERI 2025

International School



**Mr. SAHIB Mohamed Rida**

Université IBN ZOHR-FPT

22  
May

**Module 4 : Boostez vos compétences en IA :  
Premiers pas en Machine Learning avec Python**



**Pr. Zine El Abidine EL MORJANI**

Université IBN ZOHR-FPT

23  
May

**Module 5: Analyse Multicritère des données  
numériques par Système d'Information à Référence  
Spatiale en vue d'une gestion environnementale et  
catastrophes naturelles**



**Pr. Nadia EL KADMIRI**

Université IBN ZOHR-FPT-

24  
May

**Module 6: Top Chrono :rédiger une thèse en 30 jours**



Deadline : April 17, 2025

**Join us**



6 Modules & Certificates  
Training /Workshops  
Excellence Prizes  
Projects assistance/support



Polydisciplinary Faculty of Taroudannt



Registration/ info : [www.association-mare.org](http://www.association-mare.org)

Free accomodation \_limited places\_selection Criteria