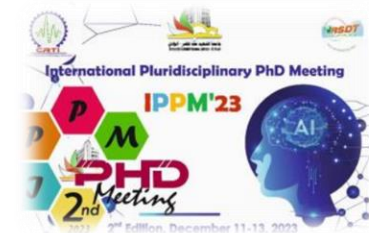




Seminar Program Poster

1st Day: Monday 11 December 2023



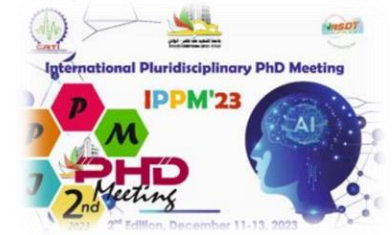
N°	Participant name	Poster session Topic 1: The uses of artificial intelligence in agricultural fields 15:15 pm – 15:30 pm	Scientific Committee
01	Alzwi Jad	مراقبة وإدارة ملوحة التربة باستخدام الذكاء الاصطناعي: التطورات الحالية وآفاق المستقبل	Professor Ghemam Amara Djilani
02	Atia Abdelkader	Artificial intelligence powered microscopy for animal semen analysis	
03	Benaichi Souraya	The impact of climate changes on date palm	Doctor Mehda Smail
04	Benhamza Hayet	Étude de la relation entre les croutes biologiques du sol et les plantes dans les zones arides	
05	Chams Abid	Impact of smart soil monitoring on agricultural yield: Integration of artificial intelligence for .mineralogical and geochemical analysis	Doctor Zeid Alia
06	Groun Saoussene	AI in field of crop production and irrigation management using Sentinel-2 satellite in Serbia	
07	Guerinik Hanane	Amélioration de la production de la culture de Millet (Pennisetum glaucum) et son importance dans la sécurité alimentaire	Doctor Brahim Hamed
08	Hedoud Hadjer	Artificial intelligence in predicting the toxicity of agricultural pesticides: a review	
09	Mohammedi Mohammed Amin	L'intelligence Artificielle Pour Comprendre La résilience Des Plantes Aux Environnements Extrêmes : La Technique la métabolomique prédictive	Doctor Babaoumail Mahfoud
10	Youmbai Souhir	Review on Pesticide Bioremediation mediated by Microorganisms: An OMICs Technology Perspective Overview	
11	Inasse CHERFI	Preserving the computational methodology in the study of therapeutic plants	



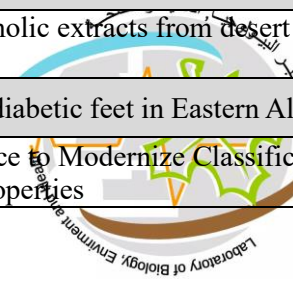


Seminar Program


2nd Day: Tuesday 12 December 2023



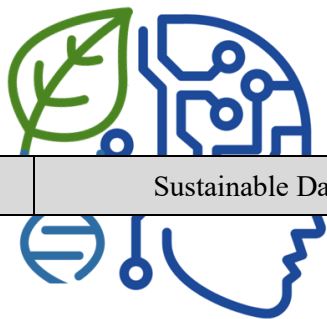
N°	Participant name	Poster session Topic2: The Research in the biomedical field in the light of AI 10:30 am. -10:35 am	Scientific Committee
01	Benmoussa Ouissam	Exploiting Biotechnology in Mitigating Pesticide-Induced Health Damage	Professor Samir Derouiche Doctor Wahab Amar
02	Bouras Yacine	Harnessing AI and Plant Nanoparticles for Biomedical Innovation	
03	Cherrada Nezar	Leveraging AI to Unlock the Therapeutic Potential of Medicinal Plants	
04	Hachi Yacine	Application of artificial intelligence to manage hypoglycemia in diabetics	
05	Zemmouli Naoual	Drugs delivery system for gastrointestinal disorders; between nanotechnology and artificial intelligence; A review	
06	Anfal Djouadi	Diagnostic of thyroid disorders using artificial intelligence image analysis	
07	Ibtissam LAIB	Characterization of the interaction between bovine serum albumin and greenly synthesized silver nanoparticles via Spectrophotometric and Voltametric assays	
08	Mahfoud BAKLI	Artificial intelligence modeling of a Kappa-Carrageenase from Pseudomonas fluorescens	
N°	Participant name	Poster session Topic (3+5): Food biotechnology and the contribution of AI to its development Valuation of natural resources and their development using AI 12 :15 pm 12 :30 pm	Scientific Committee
01	Fatma ALIA	Phytochemical study, nutritive value and antioxidant activity of phenolic extracts from desert plant <i>Limoniastrum guyonianum</i> Dur.	
02	FETNI Samira	Anthropometric parameters and dietary habits in a population with diabetic feet in Eastern Algeria	
03	Ben Ali Anis	Revolutionizing Plant Resin Taxonomy: Leveraging Artificial Intelligence to Modernize Classification and Nomenclature Based on Physicochemical Properties	





04	Benhacene Wassila	The use of artificial intelligence (AI) in the production of ultra-processed food products has shown negative consequences on the organization and plasticity of the cingulate cortex in Wistar rats.	 Professor Khalifa Eman Professor BELFAR Mohamed Lakhdar Professor Saad Farouk Mohamed Hussein Doctor Bouras Bia Doctor Mekhadmi Nour Elhouda
05	Chahinez Merabet	Microalgae's Potential: Sustainable Lipid Production and AI Optimization for Healthful Nutrition	
06	Ashmila Alhadi	استخدام الذكاء الاصطناعي في تحقيق التنمية المستدامة في مجال الموارد المائية في ليبيا	
07	Ben Ali Anis	Cracking the Code of Plant Resins: Utilizing Neural Networks for Data Analysis	
08	Ben Hamouda Souad	Le rôle des croutes biologiques dans la conservation du sol dans les zones arides	
09	Benmoussa Ouissam	Study of Polyherbal Aqueous Extract: In Vitro and In Vivo Evaluation	
10	Chenaker Maroua	AI-Enhanced Algae Solutions in Wastewater Treatment: Optimizing Species Selection and Environmental Conditions for Superior Pollutant Adsorption.	
11	Doudi Dalal	Les nanoparticules des noyaux des dattes et leurs activités biologiques	
12	Frih Bariza	Unravelling the chemical composition and biological activities of Pituranthos: A Gateway to Novel Therapeutics.	
13	Goubi Sana	Exploring the Chemical Composition of Cotula cinerea Essential Oils Using Artificial Intelligence	
14	Ikram Layadi	How evaluate the phytochemical characterization of secondary metabolites in Juniperus communis by artificial intelligence?	
15	Itim Zahra	Application de l'Intelligence Artificielle (IA) dans le traitement des eaux usées pour améliorer la valorisation des déchets agricoles en tant que biosourçant.	
16	Said Djerouni	Les études in silico des produits des abeilles.	
17	Linda ROUARI	Valorisation des plantes sahariennes dans la protection des écosystèmes aquatiques perturbés par les moustiques	
18	Zina Benhamma	Valorization of orange and potato bioactive compounds as a functional food ingredient	
19	Segueni Khaoula	Is Allelopathy a sign of Plant Intelligence?	
20	Touati Sara	Utilisation de l'intelligence artificielle dans la valorisation du figuier de barbarie : Optimisation de l'extraction de composés phénoliques à partir de graines de figue de barbarie (opuntia ficus-indica) par technique assistée par ultrasons	
21	Manel AZZI	Green synthesis of silver nanoparticles using extract plant: assessing antibacterial properties	





22	Hadjer Kharoubi	Sustainable Dairy Production: The Role of Biotechnologies and AI Technologies in the Future
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Seminar Program

2nd Day: Tuesday 12 December 2023

N°	Participant name	Poster session Topic 4: The environment and biodiversity in the era of AI 15 :15 pm – 15 :30 pm	Scientific Committee
01	Gheraissa Noura	In vitro therapeutic properties of two euhalophytes; Halocnemum strobilaceum Pall. and Suaeda fruticosa (L.) Forske. grown in the Sabkha ecosystem in the Algerian Sahara	<p style="text-align: center;">Professor Naima Benkenana</p> <p style="text-align: center;">Doctor Mouane Aicha</p>
02	Goubi Sana	AI-Enhanced Analysis of the Bioactive Properties of Cotula cinerea Oil	
03	Hayet Laoufi	Analyse morphométrique de deux populations de lézards Scincus scincus en Algérie.	
04	Lebbihi Raouia	Improving the Removal Performance of Ciprofloxacin Antibiotic using Muscovite Mineral Clay: Optimizing Comparison between ANN and RSM Approaches	
05	Messaoud Gueddoul	Impacts de l'Intelligence Artificielle en ornithologie	
06	Mouane Aicha	Artificial intelligence and its role in determining the diversity of reptiles and amphibians in the northern Algerian Sahara	
07	Seffari Mohammed	Valorization of a local natural clay as a biosorbent for the removal of (in)organic pollutants in water treatment. Integration of Artificial Intelligence for an Innovative Approach.	
08	Mederbal Kamel	First data on the habitat characteristics and nest site selection of the Maghreb Magpie (Pica mauritanica) population in Algeria: a remote sensing and GIS approach to conservation planning	
09	Tebani Kenza	New data on the orchid flora of Numidia (northeastern Algeria)	

