



University of Batna 2
Faculty of Technology
Department of Common Core Sciences and Technology



CMEE'25

BATNA 4-6 NOVEMBER 2025

Chairman of the Seminar Dr. BAIRA Fayçal
Chairman of the Scientific Committee Pr. ZIDANI Mosbah
Scientific program of the First International Conference
on Chemistry, Material Energy & Environment
(CMEE'2025)
Tuesday, 04/11/2025 in person

Horaire	Program and venue of the seminar activities		
08h30 - 09h00	Reception and Registrations Registrations, poster display and installation of exhibition stands <i>(Auditorium Hall: Ex-Mohafadha of Batna)</i>		
09h00 - 09h30	Opening Ceremony (Conference Hall) Presentation of the seminar and its objectives: Chairman of the Seminar Dr. BAIRA Fayçal Chairman of the Scientific Committee Pr. ZIDANI Mosbah Solemn opening by: Rector of University Batna 2 Dean of the Faculty ST		
09h30 - 10h30	Plenary session I Session chairs: Prof. ZIDANI Mosbah, Prof. BENGUERBA Yassine, Prof. Douniazed Hannachi, Pr. LAKEHAL Salima 1- Pr. BADAWI Michael: Université de Lorraine " In silico design of porous materials for environment and energy production ". 2- Pr. Mondher Ouali, Laboratoire d’Energie et de Matériaux (LabEM), Ecole Supérieure des Sciences et de la Technologie de Hammam Sousse (ESSTHS): "Advances in 3D Printing of Composite Materials: From Experimental Characterization to Multiscale Fracture Modeling". (Salle des conférences, Auditorium)		
10h30 - 10h45	Coffee break		
10h45 - 12h05	Oral Session 1: Presentations 1-4 (Conference Hall) (10h45 - 11h45)	Poster Session I : Poster 1- 12 (11h45 - 12h00)	Oral Session II: Presentations 5-6 (Conference Hall) (12h00 - 12h45)
13h00 - 14h30	Lunch		
14 h30-15h10	Plenary session II Session chairs: Prof. ZIDANI Mosbah, Prof. BENGUERBA Yassine, Pr. LAKEHAL Salima Pr. HANNACHI Douniazed 3- Pr Zied Driss, ENIS- Sfax, Tunisie: "Numerical and experimental investigation of the Helical Savonius Wind Rotors". 4- Hamdi HENTATI ; ESSTHS, Université de Sousse, Tunisie ; "De l’expérimentation à l’intelligence artificielle : vers une optimisation multi-objectif des procédés avancés de mise en forme".		
15h10 - 16h40	Oral Session II: Presentations 1-5 (Conference Hall) (15h10 - 16h40)		Poster Session II: Poster (15h10 - 15h25)
15h30 - 15h50	Coffee break		
15h50 - 16h30	Final recommendations and closing of the seminar		



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Seminar President Dr. Fayçal BAIRA
Online Session President Dr. ZIDANI Sara

**Scientific program of the Scientific program of the First
International Conference on Chemistry, Material Energy
& Environment (CMEE'2025)**

Thursday, November 6, 2025 online

Orale	Theme 1 : Polymer Chemistry and Advanced Materials. Modérateur : Dr Abdelhalim Fetimi Email : a.fetimi@univ-batna2.dz https://meet.google.com/xgm-vbxx-cue	Theme 2 : Chimie Théorique Modératrice : Dr BAIRA Kaouther Email : kaouther.baira@univ-batna2.dz https://meet.google.com/gnw-pvhw-moe	Theme 3 : Organic Synthesis. Modérateur : Dr BAIRA Fayçal Email : f.baira@univ-batna2.dz https://meet.google.com/vvg-nicg-erz	Theme 4 : Phytochemistry 1 Modérateurs : Dr Haddag Hamza et Aissaoui Mohamed Email : haddaghamza@yahoo.fr https://meet.google.com/vpa-tbxz-sew
09h00 - 12h00	Présentation S. O. 1 (1 – 16)	Présentation S. O. 2 (1-17)	Présentation S. O. 3 (1-6)	Présentation S. O. 4 (1-15)
13h30 - 16h00	Theme 4 : Phytochemistry 2 Modérateur : Dr Belhani Bilel et K'tir Hacène Email : billelbelhani@yahoo.com https://meet.google.com/joc-xcko-dfw	Theme 5 : Electrochemistry Modératrice : Dr LEMMOUCHI Meriem Email : meriem.lemmouchi@hns-re2sd.dz https://meet.google.com/quf-rdke-vho	Theme 6 : Chimie de l'Environnement 1 Modératrice : Dr Sameh LEBBAL Email : sa.lebbal@univ-batna2.dz meet.google.com/brv-atot-gbp	Theme 6 : Chimie de l'Environnement 2 Modératrice : Dr. Haddad Khoula Email : khoula.haddad@univ-batna2.dz meet.google.com/zdu-pcqp-qsv
09h00 - 12h00	Présentation S. P. 1 (1 – 17)	Présentation S. P. 2 (1-11)	Présentation S. P. 3 (1-21)	Présentation S. P. 4 (1-23)
13h30 - 16h00	Theme 7: Pharmaceutical Chemistry Modératrice: Dr. Farah Ben abbes Email : f.benabbes@univ-batna2.dz https://meet.google.com/zju-dgmo-udg			
09h00 - 12h00	Présentation S. P. 2 (1-16)			
13h30 - 16h00				

Detailed schedule: In-person

On 04/11/2025

Time	Program and venue of the seminar activities		
09h30 - 10h30	Plenary session I Session chairs: Prof. ZIDANI Mosbah, Prof. BENGUERBA Yassine and Prof. Fatima BITAM 1- Pr. BADAWI Michael: Université de Lorraine "In silico design of porous materials for environment and energy production". 2- Pr. Mondher Ouali, Laboratoire d'Energie et de Matériaux (LabEM), Ecole Supérieure des Sciences et de la Technologie de Hammam Sousse (ESSTHS): "Advances in 3D Printing of Composite Materials: From Experimental Characterization to Multiscale Fracture Modeling". (Salle des conférences, Auditorium)		Session chairs: Prof. ZIDANI Mosbah, Prof. BENGUERBA Yassine and Pr. LAKEHAL Salima Pr. HANNACHI Douniazed
10h30 - 10h45	Coffee break		
	Sessions Orales I		
10h45 - 11h00	Pharmacophore-Based Virtual Screening and Computational Evaluation of Quinone Derivatives as Potential Colorectal Cancer Therapeutics		<i>Moderators:</i> Dr. CHAFAA Fouad Dr. BOUHDJER Adel Dr. AGAGUENA Amel
	Rania Bouraoui	Rida Masmoudi	
11h00 - 11h15	Thermodynamic and Kinetic Modeling of Magnesium Hydride-Based POWERPASTE for Efficient Hydrogen Storage		
	Khoula HADDAD	/	
11h15 - 11h30	Étude de l'efficacité d'un inhibiteur de corrosion à base d'un médicament périmé sur un acier en milieu corrosif		
	Mounir Nessaib	Nawel Nedjah and Aicha Touhami	
11h30 - 11h45	Wastewater Treatment via Photodegradation with a Diatomite-Based Magnetic Ferrite Catalyst		
	REZIG Walid	/	
11h45 - 12h00	Sessions Posters I P- 1...P-12		<i>Moderators:</i> Dr. ZIDANI Srara Dr. TEMAGOULT Asma Dr. LEBBAL Samah Dr. BOUSABBAT Wahiba
14h30 - 15h45	Sessions Orales II		
12h00 - 12h150	Évaluation de l'activité antioxydante et de l'effet antipyrétique in vivo de Fagonia C.		<i>Moderators:</i> Dr. ZIDANI Ghania Dr. FETIMI Abdelhalim Dr. BAIRA Kaouther
	Benderradji Rima	Benkiki Naima, Haba Hamada	
12h15 - 12h30	Electrochemical determination of thermodynamic parameters of Dysprosium system in molten LiF-CaF2		
	Saila Abdelkader	/	
12h30 – 14h30			

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Déjeuner		
		Salle I
14h30 - 15h10	Plenary session II Session chairs: Prof. ZIDANI Mosbah, Prof. BENGUERBA Yassine and Prof. Fatima BITAM 1- Pr Zied Driss, ENIS- Sfax, Tunisie: "Numerical and experimental investigation of the Helical Savonius Wind Rotors". 2- Hamdi HENTATI ; ESSTHS, Université de Sousse, Tunisie ; "De l'expérimentation à l'intelligence artificielle : vers une optimisation multi-objectif des procédés avancés de mise en forme".	Session chairs: Prof. ZIDANI Mosbah, Prof. BENGUERBA Yassine and Pr. LAKEHAL Salima Pr. HANNACHI Douniazed
15h30-15h45	Exploring Benzimidazole Derivatives: Anticancer Potential and Computational Insights Saad Bouchekioua	
	Sessions Orales II	Salle II
15h10 - 15h25	L'effet d'un champ électrique sur les nanotubes : déformation et propriétés électroniques Fayçal Baira	Moderators: Dr. OUACHE Rachid Dr. TAMREBET Monsef Dr. BENSADK Ali
	Sara Zidani, Kaouther Baira	
15h25 - 15h40	Study of the Inhibitory Performance of a Polymer Against Aluminum Corrosion in an Acidic Environment. Tahani Achouak Chinar	
	Karima Abderrahim, Souhila Khellaf, Laouali Ibrahim Abdoul Nasser	
15h55 - 16h10	A Comparative Study on Heavy Metal Complexation with Biodegradable Chelating Agents EDDM and EDDG Meriem LEMMOUCHI	
	Kaouther BAIRA, Fatima MECHACHETI	
16h10 - 16h25	Artificial Intelligence for Smarter, Faster, and More Efficient Healthcare Solutions Ghania ZIDANI	
	Djalal Djarah, Billel KAROUCHE and Soulaf ROUAG	
16h25 - 16h40	Leveraging Artificial Intelligence for Early Diagnosis and Optimized Healthcare Ghania ZIDANI	
	Abdeslam Benmakhlouf, Malak ATTIA and Halima FADLAOUI	
16h25 - 16h40	Effect of Solution Type on Diffusion Coefficient During Osmotic Dehydration of Strawberries TEMAGOULT Asma	
	CHERIET Kamel et BOUSSELMA Abla	
16h40 - 16h55	Electrical characterization of piezoelectric ceramics Loubna BEN AMOR	
	Oum keltoum KRIBAA and Benmenine Abdelkader	
15h10 - 15h25	Sessions Posters II P-1...P-12	Moderators: Dr. BAIRA Fayçal Dr. HADDAD Khaoula Dr. BENABBES Farah

Theme 1 : (Poster 1 - 12)

Communication Title	Last name and First name	Co-authors
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Molecular docking and Bioinformatics analysis of ametryn induced Alzheimer's disease mechanisms	Houda Arab	Rida Masmoudi, Sami khettaf, Saad Boucheikioua, Ammar Dibi
Formulation of Suppositories for Hemorrhoids Therapy Using Goat Fat, Teucrium Polium, and Chicken Bile Extracts	Fatima zohra Badaoui	Mohamed Ibrahim BADAoui, Sofiane Djelmami hani, Abdallah Bakhouch, Soheib Bechkri
Drying Kinetics and Moisture Diffusion in Natural Convection Solar Drying of Strawberry Slices	Belghar Nouredine	Chabane Foued, Moummi Abdelhafid
Improvement of the energy efficiency of a thermal envelope for a rural house in Algeria	Horiya Benharchache	Mourad Hanfer
Environmental Chemistry Assessment of soil radioactivity and health Risks in Eastern Algeria	Zahira Bennour	Hadda Kebir
Metal mediated base pairs as sensors: DFT study	Mona Boudiaf	Nour elyakine AMRAoui
The Effect of Precursor Solution Concentration on the Structural, Optical, and Electrical Properties of Zinc Oxide Thin Films Deposited by Ultrasonic Spray Technique	Adel Bouhdjer	Derradji Sahnoune and Ali Bensaddek
synthèse et caractérisation de nanofeuilles d'oxyde de zinc (ZnO) à l'aide de méthodes hydrothermiques à micro-ondes.pour fabrication des dispositifs optoélectroniques nanométriques sélectifs.	Boukhenoufa Nouredine	Issam Tifouti, Brahim Meriane, Nihal Nasri, Kalinka Kacha
Characterisation of a novel biopolymer with pharmaceutical properties	BOUMAZA Khedidja	MARIR Rafik
Prédictions théoriques des réponses en Optique Nonlinéaire des complexes d'hydrure de perméthylpentallène de lithium	Souhila Boussaad	Fatima Setifi and Douniazed Hannachi
Complexes transition metal complexes: Theoretical study	Wahiba Boussebbat	Nadia Ouddai
Antioxidant activities of silver nanoparticles biosynthesized using galactomannan derived from the seeds of Astragalus gombiformis Pomel (Fabaceae)	Ghania BOUZIANE	Mohamed Didi Ould El Hadj

Theme 2 : (Poster 1 - 14)

Communication Title	Last name and First name	Co-authors
Effect of green inhibitors on the corrosive behavior of A60 materials.	Hamada abla	Saouli Laid
Molecular Docking and Quantum Chemical Analysis of Curcumin Derivatives as CDK2 Inhibitors	<i>Baira Kaouther</i>	Fayçal Baira, Sara Zidani, Bilal Litim
Green inhibitor as a sustainable corrosion control for steel in acidic environment	<i>Kamilia Chahrazed Ksir</i>	<i>Mina Boulkroune, Lamis Touati</i>
Impact de la polarité des solvants sur l'activité antioxydante et l'inhibition enzymatique des feuilles d'une plante médicinale	Ksir Nazim	Bouchiha Hanene
QSAR Evaluation of Titanocene Dichloride Derivatives	Sameh Lebaal	Nadia Ouddai
Design, Synthesis, and Molecular Docking Evaluation of Novel Schiff Bases as Potential Bioactive Agents	<i>BILAL LITIM</i>	Mohamed Aissaoui, Billel Belhane, Saleh Lakrou, Salah Eddine Djilani
Tailoring Optoelectronic Characteristics of ZnxCd1-xS Alloys through Band Gap Modulation	<i>Fadila MEZRAG</i>	<i>Nor El Imane Beddar, Nadir BOUARISSA</i>
Impact of chemical treatments on the characteristics of polyethylene composites	Nour Elhouda Nouioua	Hamida Boussehel
A comparative ab initio analysis of the stability, electronic, thermodynamic, mechanical, and hydrogen storage properties of ScLiH ₃ and YLiH ₃ perovskite hydrides through DFT Approaches	<i>Refice Lamouri</i>	A. Benamer
Activités antioxydantes et antidépresseuses de fruit du palmier dattier (Phoenix dactylifera L.)	Rima Benderradji	Wissam Benbouza, Saliha Dassamiour
Investigating the Enhanced Antioxidant Properties of Copper-Tetrahydroxystilbene Complexes: Mechanisms and Molecular Interactions	Salima Hamadouche	Omaima Aidat, Nadia Ouddai, Yacine Benguerba
Electron Interaction Theory Reveals Key Mechanistic Features in the Formation of a Bioactive Heterocycle	CHAFAA FOUAD	BOUGHANI LAZHAR and KHORIEF NACEREDDINE

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Exploring the Impact of Molecular Configuration on Optoelectronic Properties in Ph-subPC/C60 Organic Solar Cells	Salima Lakehal	Saliha Lakehal, Douniazed Hannachi
A Theoretical Study on the Electrical and Nonlinear Optical Properties of Hydride Nanoclusters: Highlighting the Role of Hydride Bridge	Bouriche Ragheb Khalil	Amor Azizi, Souhila Boussaad, Hannachi Douniazed

Theme 1 : Polymer Chemistry and Advanced Materials. Modérateur : Dr Abdelhalim Fetimi**<https://meet.google.com/xgm-vbxk-cue> Email : a.fetimi@univ-batna2.dz**

Communication Title	Last name and First name	Co-authors	Email	Tupe de présentation
Investigation of structure-property relationships in Spanish broom fibre-reinforced PHBV biocomposites	Amel ABALACHE	Idris ZEMBOUAI, naima touati, Lynda ZAIDI, Stéphane Bruzaud	Abalache Amel <amel.abalache@univ-bejaia.dz>	orale
Development of a Grafted Copolymer Network: polyMA-g-poly(NVP-co-MeOx)	Soumia Atreuch	Aicha Hachemaoui, Mohammed Issam Ferrahi, Ahmed Yahiaoui	Atreuch Soumia <soumiaatreuch52@gmail.com>	orale
Numerical Simulation of the Heating of an Office by a Trombe Wall	Habib BOUGHCHI	Nardjes BENGHERBIA	Bengherbia Nardjes <Nardjesbengherbia@gmail.com>	orale
Influence of Polyaniline Concentration in Acid Solution (0.1–0.3 M)	Nasrine Boughezala	Kenza Almi, Atmane Djermoune, Farid AIT MERZEG, lakel said	Boughezala Nasrine <nasrine.boughezala@univ-biskra.dz>	orale
Synthèse, Étude structurale, caractérisation d'un complexe "Mn" d'un ligand base de schiff tetradentate N2O2 et leur application.	Narimane Marwa Boukezzoula	Mehdi BOUTEBDJA, Ahlem Linda BOULKEDID, Tim GRUENE	Boukezzoula Narimane Marwa <narimanemarwa.boukezzoula@doc.umc.edu.dz>	orale
Treatment by chemical calcification of granular road pavement foundation materials.	Lyamine BRIKI	Mohammed Rissel KHELIFA, Belkacem BENZEROUAL and Kamel ZIDANI	Briki Lyamine <l.briki@univ-batna2.dz>	orale
Comparative Study on the Use of Crushed Dune Sand and Silica Fume in High-Performance Concrete	Fatima Zahra RENNANI	Abdelkadir MAKANI	Fatima Rennani <rennanifatimazahra@gmail.com>	orale
Réduction catalytique des polluants organiques par des matériaux de silice mésoporeuse dopés en nanoparticules métalliques	Fatima HABECHE	Bouhadjar BOUKOUSSA, Fadila BENALI, Adel MOKHTAR, Mohammed HACHEMAOUI, Rachida HAMACHA	Habeche Fatima <habecheamel@yahoo.fr>	orale
Étude structurale, physico-chimique et biologique de l'alginate de sodium oxydé en vue du développement de biomatériaux innovants	Khadidja LOUCIF	Mahmoud BOUNEKHEL, Meriem MERBAH ELKOLLI	Khadidja Loucif <khadidja.loucif@univ-batna2.dz>	orale
From Biomass to Polysaccharide: An Extraction and Characterization Approach	Zoubida Kouroulou	Mahmoud BELALIA, Fouad MEKHALEF BENHAFA, Fatima Zohra BELKACEM, Halima DELALI	Kouroulou Zoubida <zoubida.kouroulou.etu@univ-mosta.dz>	orale
Overview of Additive manufacturing as a repair process.	Djimaoui Toufik	Nour El Imane Djimaoui, Mosbah ZIDANI	Toufik Djimaoui <toufikdjimaoui@gmail.com>	orale
Overview of Friction Stir Welding Tool Wear and Failure	Djimaoui Toufik	Nour El Imane Djimaoui, Mosbah ZIDANI	Toufik Djimaoui <toufikdjimaoui@gmail.com>	orale
Elaboration of a semiconductor material based on Polypyrrole and ZnO Nanoparticles in the presence of various dopants	K. Zeggagh	S. Atia, S. Hadjout, Z. Benabdelghani	Zeggagh Khaled <khaled.zeggagh@gmail.com>	orale
Efficient removal of methyl orange from water onto PVC/Bentonite membranes: experimental validation and COMSOL multiphysics	Souhila Khellaf	Tahani Achouak Chinar, Badra Bouchareb	Khellaf Souhila <organo_nanoco@yahoo.fr>	orale
ZnO-TOP Nanoparticles: Structural Characterisation and Broad-Spectrum Antimicrobial Activity	Nabila BOUASLA	Siheem ABDERRAHMANE, Karima ABDERRAHIM, Sameh ATHMANI, Sarah Messast	Bouasla Nabila <n.bouasla@univ-eltarf.dz>	orale

Theme 2 : Chimie Théorique Modérateur : **BAIRA Kaouther**<https://meet.google.com/gnw-pvhw-moe> Email: kaouther.baira@univ-batna2.dz

Communication Title	Last name and First name	Co-authors	Email	Tupe de présentation
First-Principles Investigation of the Physical Properties of Ca_3SiN_4 Under High Pressure and High Temperature	Sarra BOUCENNA	Assia BENOUEATAS	Boucenna Sarra <sarah.boucenna@gmail.com>	Orale
The discovery of new inhibitors for Alzheimer's disease: virtual screening, molecular docking, and ADME-Tox filtering	Hanane Boucherit	Amina Merzoug, El Hassen Mokrani	Boucherit Hanane <h.boucherit@centre-univ-mila.dz>	Orale
Computational Design of 1,3,5-Triazine Derivatives as Potential PI3K α Inhibitors for Non-Small Cell Lung Cancer	Chahbaoui Narimene	/	Chahbaoui Narimene <narimene.chahbaoui@univ-biskra.dz>	Orale
Computational Identification of an HDAC2-Selective Inhibitor Using Pharmacophore Modeling and Molecular Docking	Narimene Chahbaoui	/	Chahbaoui Narimene <narimene.chahbaoui@univ-biskra.dz>	Orale
A Grey Wolf Optimization Algorithm–Support Vector Regression Approach for Predicting Drug Solubility in Ionic Liquids	Imane EULDJI	Widad BENMOULOUD, Nada BOUKELKAL, Rafik EULDJI, Riadh EULDJI, Cherif SI-MOUSSA, Othmane Benkortbi	Euldji Imane <imene.eull@gmail.com>	Orale
Etude ligand-based pour la conception de nouveaux inhibiteurs naturels	Samira Feddal	Nor El Houda Medigue, Safia Kellou	Feddal Samira <fed.mira@yahoo.fr>	Orale
Enaminones as Anticonvulsant Agents: A QSAR Study	Hamza HADDAG	Salah Lakrout, Salah Eddine Djilani	Haddag Hamza <hamza.haddag@univ-annaba.dz>	Orale
Probing the reactivity of an Acylhydrazone Derivative: A DFT Study via FMOs, MEP and Fukui function analyses	Farida Hakkar	/	Hakkar Farida <hakkar_farida@univ-khenchela.dz>	Orale
Quantitative structure activity relationship studies of 1,2,4,5-tetrazine derivatives as potential lung cancer inhibitors combining DFT calculations and statistical results	Halima Hazhazi	Nadjib Melkemi	Hazhazi Halima <halima.hazhazi@univ-biskra.dz>	Orale
Molecular Docking of Novel α -Aminoamide Derivatives as Selective MAO-B Inhibitors for Parkinson's Disease	Lilia ADJISSI	Nadjib CHAFAI, Elkolli Hayet	Lilia Adjissi <lilia.adjissi@univ-batna2.dz>	Orale
Computational modeling of elastic properties of two polymorphs of a nootropic API	Sara OUMESSAOUD	Imad Belabbas, Jun CHEN	Sara OUMESSAOUD	Orale
α -Acetoxypheylmethylphosphonate: computational study using DFT and molecular docking as potential anti-inflammatory agent	FATMA-ZOHRA SMAINE	Samia Guezane-Lakoud	Smaine Fatma-Zohra <fatmatesnim2322@gmail.com>, Guezane-Lakoud Samia <g11_samia@yahoo.fr>	Orale
Studies of new therapeutic strategies by molecular modeling	Soufi Wassila	/	Soufi Wassila <chimiesoufi@gmail.com>	Orale
Unveiling the Reactivity and Bioactivity of Furan α -Acetoxy Methylphosphonates: An Integrated Computational Study Using DFT, Topological Analysis, and Molecular Docking	Nourhane Touil	Samia Guezane-Lakoud	Touil Nourhane <touilnourhane20@gmail.com>,	Orale
Theoretical Investigation of Ferrocenylmethylamine Derivatives as α -Amylase Inhibitors: Molecular Docking and Dynamics Insights	Bekkar Yahia	Elhafnaoui LANEZ, touhami lanez	Yahia Bekkar <yahia-bekkar@univ-eloued.dz>	Orale
A Computational Study on the Heat of Decomposition of Various Chemical Compounds	ZINE Mounia	/	Zine Mounia <mounia.zine@univ-batna2.dz>	Orale

Synthesis of some profen derivatives: In silico evaluation of the anti-inflammatory activity.	ZAIDI Amna	MERABET-KHELASSI Mounia	Zaidi Amna <a.zaidi@ensti-annaba.dz>	Orale
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Theme 3: Organic Synthesis.
<https://meet.google.com/vyg-nicg-erz>

Moderator: BAIRA Fayçal
Email : f.baira@univ-batna2.dz

Communication Title	Last name and First name	Co-authors	Email	Tupe de présentation
Antioxidant Evaluation of Furocoumarin Derivatives Using DPPH and FRAP Assays	BAYMOUT Massinissa	RABAH Amal, BECHOHRA Louiza, TOUAHRA Fouzia, GUERFI Aya-Insaf	Baymout Massinissa <baymout.massinissa@gmail.com>	Orale
The Art of Flavors through Biocatalysis	Ikram Bayoud	Nassima Bouzemi	Bayoud Ikram <ikrame23chimie@hotmail.fr>	Orale
Synthesis of novel chiral α -phenylethyl amino-esters: DFT calculations and in silico bioactivity investigations.	Belkacemi Fatma Zohra	Mounia Merabet-Khelassi Aribi-Zouiouche Louisa and Olivier Riant	Belkacemi Fatma <f.belkacemi@ensti-annaba.dz>	Orale
Synthesis and in Vitro Biological Evaluation, DFT and Molecular Docking Studies of 3,4,5-Trimethoxyphenyl α -Acetoxymethyl Phosphonates	Braia Nabila	S. Geuzane Lakoud	Braia Nabila <nabilabraia@gmail.com>	Orale
Development and Optimization of Proline-Derived Organocatalysts Enhanced by 2-Hydroxybenzophenone for Asymmetric Conjugate Additions	Houcine Choubane	Mortada Daaou and José Aléman	Choubane Houcine <houcine.choubane@univ-usto.dz>	Orale
Palladium-catalyzed selective C3-H bond arylation of benzothiophene using hydroxymethyl substituent as blocking group	Imane Idris – Halli	Fazia Derridj and Henri Doucet	Idris Imane <imane.idris@ummto.dz>	Orale

Theme 4 : Phytochemistry 1

<https://meet.google.com/vpa-tbxz-sew>

Modérateurs : Dr Haddag Hamza et Aissaoui Mohamed

Email : haddaghamza@yahoo.fr

Communication Title	Last name and First name	Co-authors	Email	Tupe de présentation
Viola: Phytochemical Study	Hanane Aissaoui	Asma Kara and Aya Hazzaz	Aissaoui Hanane <aissaouihanane2022@gmail.com>	Orale
In Vitro α -Amylase Inhibition Potential of the Ethyl Acetate Extract from a Desert Medicinal Plant	AYACHI Mohammed Laid	MEKHELFI Tarak and REBIAI Abdelkarim	Ayachi Mohammed Laid <lidayachi006@gmail.com>	Orale
Impact of Raw and Steamed Turnip Enrichment on the Physicochemical Characteristics of White Cheese	Amina AZI	Naima GUENDOUZ and Nadia Bouaudia	Azi Amina <amina.azi@univ-bejaia.dz>	Orale
Energy efficiency, Antibacterial and Antioxidant Activity of Lavandula angustifolia against Different Pathogens Isolated from Some Clinical Specimens	Azizi Nassima	Genevieve Raja and Bouabida Hayette	Azizi Nassima <nassima.azizi@univ-tebessa.dz>	Orale
Étude phytochimique et bioactivité d'extraits d'une plante aromatique et médicinale de la flore algérienne	Nabila BEKHTI	Fouzia BENABDELLI	Bekhti Nabila <n.bekhti@univ-mascara.dz>	Orale
Physicochemical and phytochemical study and evaluation of the antioxidant activity of extra virgin olive oil from two varieties from Jijel (Algeria)	Bekka-Hadji Fahima	N. GHALIAOUI	Bekka-Hadji Fahima <fahima.bekka@univ-jijel.dz>	Orale

Valorization of Plant Waste Extracts via Their Biological Activities	Safia BEN AMOR	Ibrahim Elkhail BEHMENE and Samia MELIANI	Ben Amor Safia <benamor.safia@esas-eloued.dz>	Orale
Phytochemical Analysis and Biological Activity of Hibiscus sabdariffa L. Extracts.	GHERRASSA Noura	BENAMOR Bilal, LAAOUR Hadjer, HAMAMA Belkis, CHERRADA Nezar, GHAMEM AMARA Djilani, ALIA Zeid, CHEMSA Ahmed Elkhaila, RETIMA Linda, and KHERRAZ Khaled	Benamor Bilal <benamor.bilal@esas-eloued.dz>	Orale
Phytochemical Analysis and Biological Activity of Latex from Some Saharan Plants.	BENAMOR Bilal	GHERRASSA Noura, LAAOUR Hadjer, HAMAMA Belkis, CHERRADA Nezar, GHAMEM AMARA Djilani, ALIA Zeid, CHEMSA Ahmed Elkhaila, RETIMA Linda, and KHERRAZ Khaled	Benamor Bilal <benamor.bilal@esas-eloued.dz>	Orale
Chemical Composition and Larvicidal Potential of Ruta graveolens and Ruta montana Essential Oils, Individually and in Combination, Against Culiseta longiareolata	Bendjazia Rania	Dris Djemaa, Seghir Hanane, Aouaichia Ikram, Bouabida Hayatte	Bendjazia Rania <rania.bendjazia@univ-tebessa.dz>	Orale
Phytochemical Profile and Therapeutic Applications of Artemisia judaica: A review	DJEDLA BENEDDINE	FARAH RAMDANE, HAMID MOHAMMED	Beneddine Djedla <djedlabnd@gmail.com>	Orale
Mosquito Larvicidal Activity of Two Algerian Ruta Species: Insights into Essential Oils and Ethanolic Extracts	Zineb Bouamrane	Saber Boutellaa, Mouna Menakh, Hakima Belattar, Rayene Bouaita, Khadidja Kouicem	Bouamrane Zineb <z.bouamrane@centre-univ-mila.dz>	Orale
Évaluation comparative de la composition phénolique et de l'activité antioxydante des huiles d'olive extra vierges Chemlal et Arbequina	Esma Boudehane	Firdousse Lainer-Merdjane, Abderezak Tamendjari	Boudehane Esma <esmasimoni@gmail.com>	Orale
Chemical Profiling and Evaluation In Vitro and In Silico of Antibacterial Activity of Hydromethanolic Extract from Centaurea papposa	Jihane Bounaas	Ismahan Ounissi, Sarah Rahal	Bounaas Jihane <bounaas.jihane@gmail.com>	Orale
Phenolic content, Antioxidant and Photoprotective Properties of Algerian Echium paniculatum Lag. Extracts in-vitro	Radhia BOUZID	Mourad Hanfer, Naima Rahmoni, Nassiba CHAFAA, Imen Daas	Bouid Radhia <r.bouid@univ-batna2.dz>	Orale

Theme 4 : Phytochemistry 2

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Communication Title	Last name and First name	Co-authors	Email	Tupe de présentation
THE ANTI-ALZHEIMER POTENTIAL OF AN ALGERIAN MEDICINAL PLANT FROM THE PINACEAE FAMILY	Aya Brika	Amira Noui, Nadia Zeghad, Latifa Khattabi	Brika Aya <aya.brika@doc.unc.edu.dz>	Orale
Caractérisation phytochimique et activité antioxydante des polyphénols de pois chiche (Cicer arietinum L.) par HPLC	Saliha DJABALI	Nassima Balli, Hanane Boutennoun, Lilia Boussouf	Djabali Saliha <saliha.djabali@univ-jijel.dz>	Orale
Phenolic Compounds Extracted from Total Lipids and Their Antiradical Activity in Rapeseed (Brassica napus L.) Cultivated in Algeria	Nahla Djeribia	Madjda Benguechoua and Mohamed Yousfi	Djeribia Nahla <n.djeribia@lagh-univ.dz>	Orale
Impact of Geographical Origin on the Phytochemical content and antioxidant activities of thyme hydro-alcoholic extracts: A Tri-regional Study	Lydia DJOUDI	Djamel Edine KATI, Mostapha Bachir-Bey, Akila BELAID, Sarah Bensakheria	Djoudi Lydia <lydia.djoudi@univ-bejaia.dz>	Orale

Investigation of the Biological activities of aqueous extract from Boraginaceae plant extract in the M'sila region	Amel Fenniche	Khadidja Dehimi, Dalila Bencheikh, Allaoua Nouri, Amina Safsaf, Saliha Dahamna	Fenniche Amel <amel.fenniche@univ-msila.dz>	Orale
Évaluation de la teneur en polyphénols et de l'activité antioxydante de l'extrait méthanolique de Cynara cardunculus (Asteracées) de l'Est algérien	Raounak Gouasmia	Fadila Khaldi	Gouasmia Raounak <ra.gouasmia@univ-soukahrass.dz>	Orale
Antioxidant activity screening of an aromatic plant	Hamida TLIDJANE	Nadjib CHAFAI, Salah Chafaa	Hamida Tlidjane <hamida.tlidjane@univ-bba.dz>	Orale
Phytochemical Profiling of Pituranthos Scoparius: GC-MS Analysis, Analgesic and Anti-Inflammatory Activity	Zahida Yasmina Hebbache	Yazid Foudil-Cherif and Mokhtar Fodili	Hebbache Zahida Yasmina <hebbachezahidayasmina@gmail.com>	Orale
Structure–Activity Relationship of Polyphenols: Integrating Antioxidant Assays with In Silico Prediction	Kaouthar Houiti	Smail MEHDA	Houiti Kaouthar <houiti-kaouthar@univ-eloued.dz>	Orale
Phytochemicals As Natural Alternatives and Feed Additives For Poultry Health: A Pathway Towards Healthier And More Resilient Livestock	Abdelmouman LAMOURI	Miryam OUIS, Fethi BENBELAÏD	Lamouri Abdelmouman <abdelmouman.lamouri@univ-relizane.dz>	Orale
Etude de l'influence des solvants sur l'extraction des composés phénoliques à partir des différentes parties de Solanum muricatum Aiton	Nour El Houda Lezoul	Mohamed Belkadi, Fariborz Habibi and Fabián Guillén	Lezoul Nour El Houda <nourelhouda.lezoul@univ-usto.dz>	Orale
Phytochemical and Nutritional Ptychotis verticillata and Thymus vulgaris L.	Bochra MEDJADJI	BENAHMED Fatiha	Medjadji Bochra <bochra.medjadji@univ-relizane.dz>	Orale
Criblage phytochimique et propriétés antioxydant spécifiques de Pistacialentiscus L.	Houssam Eddine Mustapha Sadli	Zoubir Belmokhtar	Sadli Houssam <houssam.sadli@univ-usto.dz>	Orale
Phytochemical Composition and Antioxidant Properties of the Aqueous Extract of Foeniculum vulgare Stems	Ali Si-Larbi	Fatiha Benahmed	Si-Larbi Ali <ali.silarbi@univ-relizane.dz>	Orale
Algerian Centaurea sp: Phytochemistry and In vitro Antioxidant, Dermatoprotective and Antidiabetic Activities	Zehani Lamia	Nassima BOUBEKRI, Hanene BELBACHE, Keltoum BOUDRAA, Chawki BENSOUICI, Samir BENAYACHE, Fadila BENAYACHE	Zehani Lamia <zehani_lamia@yahoo.com>	Orale
Extraits d'Euphorbiaceae : source naturelle d'antioxydants pour la préservation de la qualité des denrées	Ksouri Aicha	Krimat Soumeiya, Nouasri Ahmed	Ksouri Aicha <ksouriaicha37@gmail.com>	Orale
Phytochemical Screening, Essential Oil Yield, and Antioxidant Activity of Teucrium polium L. According to Flowering Stage	Amina Dridi	NABILA BOUHADDOUDA, Meriem Ferfar, Youssouf Driouche, Amel Soussa	Dridi Amina <dridiamina123@gmail.com>	Orale

Theme 5 : Electrochemistry

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Communication Title	Last name and First name	Co-authors	Email	Tupe de présentation
Towards Sustainable Corrosion Inhibition: Combined Experimental and Computational Study of Polyvinyl Chloride (PVC) On Aluminum (5086) in an Acidic Environment.	Karima ABDERRAHIM	Tahani-Achouak CHINAR, Nabila BOUASLA and Kamilia Moussaoui	Abderrahim Karima <karimaabderrahim2@gmail.com>	orale
Advanced Functional Materials for Green Hydrogen Production	Dehbi Atallah	Benchikh Imene and Dif Mustapha Mahmoud	Atallah Dehbi <dehbi.atallah@yahoo.com>	orale

Hydrodynamic Effects on the Corrosion Inhibition Efficiency of a Quinoline-Derived Organic Compound for Carbon Steel in Acidic Medium	Benmahammed Imene	Douadi Tahar, Issaadi Saifi	Benmahammed Imene <benmahammed.imene19@gmail.com>	orale
Microstructure and corrosion resistance of ZnO thin film coatings on carbon steel	Chelgham Fatiha	Adel Taabouche, Brahim Gharbi, Amira Ouakkaf, Khadra Mokadem, Mounira Chelgham, Souheyla Boudjema	Chelgham Fatiha <fchelgham@gmail.com>	orale
Electrochemical Oxidation of Phenol and Paracetamol	Nabila Cherchour	Cylia Abdoune, Dyhia Takhedmit, Hassiba Tighidet, Kahina Aoudia, Naima Brinis	Cherchour Nabila <nabila.cherchour@univ-bejaia.dz>	orale
4Basic Education in SM Department, Faculty of Sciences, University Batna1, Batna, Algeria.	Djaraoui Afaf	D. Haddad and K. Oulmi	Djaraoui Afaf <afaf.djaraoui@univ-batna.dz>	orale
Performances électrochimiques d'électrodes AISI 430 revêtues de Ni, Zn et Ni-Zn pour la production d'hydrogène vert	Sofiane Latreche	Naïma Boutarek- Zaourar, Fouzi Messaoud, Samir Mansour	Latreche Sofiane <s.latreche@usthb.dz>	orale
An innovative nanoparticle modified carbon paste micro-sensor for ultrasensitive and selective detection of ciprofloxacin in environmental	Lydia TAOURI	Mustapha Bourouina, Saliha BACHA, Didier Hauchard	Tauri Lydia <lydia.taouri@univ-bejaia.dz>	orale
Use of Chemical Technical RCP for the Inhibition of Electrochemical Scaling by Green Plants	Hassiba TIGHIDET	Naima Sait, Zakia Bey, Nabila Cherchour, Kahina AOUDIA, Naima Brinis	Tighidet Hassiba <hassiba.tighidet@univ-bejaia.dz>	orale
Preparation of Zn–Co–TiO ₂ nanocomposite coating and evaluation of its morphological and electrochemical properties	Ammar TOUANE	Malika DIAFI	Touane Ammar <ammar.touane@univ-biskra.dz>	orale
The behavior of the bath additions on the properties of the Ni-Fe coating prepared by the electrochemical method	Ibtissem ZIDANI	Farid LEKMINE	Zidani Ibtissem <zidaniibtissam1986@gmail.com>	orale

Theme 6 : Chimie de l'Environnement 1 Moderator: **Dr Sameh LEBBAL**

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Communication Title	Last name and First name	Co-authors	Email	Tupe de présentation
Use of Honeybees (<i>Apis mellifera</i> , Spinola, 1806) as Bioindicators of Atmospheric Heavy Metal Pollution: Case Study in Blida, Algeria	Razika Abbassen	Benomar Cheknane, Wiam Amari, Fatma Zohra Zerrouk, Douaa Ksmi	Abbassen Razika <razika.bbassen@gmail.com>	Orale
Electrochemical removal of pharmaceutical pollutants using a nanostructured manganese dioxide electrode	Abdoune Cylia	Cherchour Nabila, Tighidet Hassiba, Brinis Naima and Aoudia Kahina	Abdoune Cylia <cylia.abdoune@univ-bejaia.dz>	Orale
Incidence de paramètres réactionnels sur l'oxydation des substances humiques au cours du traitement des eaux de surface	Fateh AFOUFOU	Souhail NESRI, Fateh SEKIOU	Afoufou Fateh <f.afoufou@univ-batna2.dz>	Orale
Use of the UV/ZnO photocatalytic process for the elimination of sulfamethazine in aqueous media	Taous Aissani	Idris Yahiaoui and Farida Aissani-Benissad	Aissani Taous <taous.aissani@outlook.fr>	Orale
Functionalisation of polystyrene membranes by Alamine 336 for the extraction of reactive dyes in aqueous solution.	Ait Ali Salima	Ziani Salima, Aghilas Brahemi, Meriem Ikhlef Idris yahiaoui, Farida Aissani-Benissad	Ait Ali Salima <s.aitali@univ-bouira.dz>	Orale
Combined Effects of Compost, Water Stress, and PET Microplastics on the Physicochemical Properties of Soil	Debab aya	Sonia Boudjabi, Haroun Chenchouni, Brahimi Amna	Aya Debab <aya.debab@univ-tebessa.dz>	Orale

Assessment of Physicochemical Parameters and Heavy Metal Contamination in Water, Sediments, and Fish from the Littoral Dam of El-Ouana (Jijel, Algeria)	Balli Nassima	Hanane Boutennoun, Djabali Saliha, Boussof Lilia, Leghouchi Essaid	Balli Nassima <nassima.belli@univ-jijel.dz>	Orale
Adsorption treatment of water contaminated with Reactive Black 5 dye	BELKACEM Fatima Zohra	KOUROULOU Zoubida, KHELIFA Amine	Belkacem Fatima Zohra <fatimazohra.belkacem.etu@univ-mosta.dz>	Orale
Synthesized Spinel Nanoferrite (D600) as an Efficient Catalyst for Fenton-Like Degradation of Acid Green 25: Experimental design approach	Rachida Bendahman	Fatiha Abdelmalek, Chaima Hachemi, El Batoul Benidris, Ahmed Addou	Bendahman Rachida <rachida.bendahman.etu@univ-mosta.dz>	Orale
Photocatalytic Degradation of Bisphenol A using Green-Synthesized MnTiO ₃	Amina Benomara	Mohamed Doumbia, Malika Mokhtari	Benomara Amina <amina.benomara@univ-tlemcen.dz>	Orale
Solar-Light-Driven Photocatalytic Degradation of Rhodamine B by Calcined ZnBi/TiO ₂ Anionic Clay	Bessaha Hassiba	El Akeb Kheira, Bouraada Mohamed	Bessaha Hassiba <h.bessaha@esa-mosta.dz>	Orale
Selective catalysis of dyes by zeolite omega-silver nanoparticle composites	Bouchiba Nabila	Korichi Ferial and Hasnaoui Mohammed Abdelkrim and Sassi Mohammed	Bouchiba Nabila <aymane18@yahoo.fr>	Orale
Role of Ionic Strength in Governing Adsorption Competition for Methylene Blue Extraction from Wastewater	Asma Boudaoud	Mebrouk Djedid, Mokhtar Benalia, Mounira Guermit	Boudaoud Asma <a.boudaoud@lagh-univ.dz>	Orale
Evaluation of Heavy Metal Tolerance in Environmental Bacterial Strains	Oumeima Boufercha	Nour El Houda Benlahrache, Allaoueddine Boudemagh	Boufercha Oumeima <boufercha.oumeima@umc.edu.dz>	Orale
Impact of NaCl on Liquid-Liquid Extraction of Propionic Acid from Aqueous Solutions	Nadjet Boulkroune	Soumaya Larous, Rayene Boubani, Malak Ksair, Anaïs Romaissa Houari	Boulkroune Nadjet <nadjet.boulkroune@univ-constantine3.dz>	Orale
Performance evaluation of advanced heterogeneous photocatalysis for the removal of 2,4-Dichlorophenoxyacetic acid (2,4-D) under different operating conditions	Boumaraf Roumaissa	Khettaf Sami, Benmahdi Fatiha	Boumaraf Roumaissa <roumaissa.boumaraf@univ-batna.dz>	Orale
Optimization of MgO nanomaterial synthesized from plant extract by green synthesis	Bouchra Bounab	Nacéra Zabat, Imene ZITOUNI	Bounab Bouchra <bouchra.gp.chimique@gmail.com>	Orale
Comparative approach for the removal of organic dyes using natural materials in an environmental context	Yassine BOUNOURI	Dyna SADOUNE	Bounouri Yassine <yassine.bounouri@univ-bejaia.dz>	Orale
Adsorption Mechanisms of Cationic Dyes by Bio-Based Adsorbents: A Batch System Approach	Nabila Boutemine	Souaad HAMOUDI, Wahiba Mecibah, Azzeddine Grid, Yassira Boutaleb, Nadia BENSID	Boutemine Nabila <bouteminenabila@gmail.com>	Orale
Preparation and Characterization of a Medlar Kernel-Based Adsorbent for the Removal of a Textile Dye in Aqueous Solution	Bouzina Lila	S. Merghache, K. Dahmani, A. Soulimane, I. Abdelli, F. Aoulmi, S. Ghalem, F. Hassani	Bouzina Lila <l249bouzina@yahoo.fr>	Orale
Core-Scale Modeling of Subsurface Geochemical Processes for Regional CO ₂ Storage Applications	Wafa Chaouche	Noumane Chaouche, Ahmed ALI ZERROUKI	Chaouche Wafa <wafaa.chaouche@gmail.com>	Orale

Theme 6 : Chimie de l'Environnement 2**Moderator: Dr. Haddad Khoula****meet.google.com/zdu-pcqp-qsv Email : khoulahaddad@univ-batna2.dz**

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Sustainable Pharmaceutical Removal by Biochar Derived from Biomass Residues	<i>Meriem CHEBBI</i>	Fadoua Nihad Chergui, Samira OUNOKI, Leila YUCEF, Housseem Melgani	Chebbi Meriem <meriem.chebbi@univ-biskra.dz>	Orale
Photocatalytic Degradation of Malachite Green from Aqueous Solutions	Daoui Imane	Allaoui Abdelfattah , Boudjema Souheyla	Daoui Imane <imane22daoui@gmail.com>	Orale
Feasibility of Coupling Biological Treatment with Heat-Activated Persulfate Pre-Oxidation for Paracetamol Removal	<i>Karima Dibene</i>	Idris Yahiaoui, lamia khenniche, Farida AISSANI-BENISSAD	Dibene Karima <karima_dibene@yahoo.fr>	Orale
Paracetamol Degradation by Heat-Activated Peroxydisulfate Oxidation process: Parametric Study	<i>Karima Dibene</i>	<i>Idris Yahiaoui, lamia khenniche, Farida AISSANI-BENISSAD</i>	Dibene Karima <karima_dibene@yahoo.fr>	Orale
Nanocomposite Innovations: copper -Enhanced Methods for Effective Methyl Orange Degradation	<i>Korichi Ferial</i>	Bouchiba Nabila, María Jose Salar Garcia, Benouda Hamza	Ferial Korichi <Korichiferial@outlook.com>	Orale
Valorization of biomaterial waste -raw date pits- for Congo red adsorption in aqueous solution: Thermodynamics, kinetics and regeneration studies	<i>Hachani Rahima</i>	Fatma Zohra Khelaifia, Sabir Hazourli	Hachani Rahima <rahima.hachani@univ-batna2.dz>	Orale
Elucidation and Chemical Characterization of Biosurfactants Produced by Fungal Strains Capable of Toxic Pollutants Biodegradation	<i>Sara Haddad</i>	Warda DJOUDI, Ibtissem Djinni, Wissam RETI, Hanane BELABBAS, Samiha Souagui, Amel Hamma, Mouloud Kecha	Haddad Sara <sara.haddad@univ-bejaia.dz>	Orale
REMOVAL OF SANDOCRYL BLUE DYE WITH ADSORPTION PROCESS USING APRICOT STONE SHELLS.	<i>Souaad HAMOUDI</i>	Nabila Boutemine, Chafika MEZITI, Zhour Hattab, Nacer Bezzi, FATIHA BARKA-Bouaifel	Hamoudi Souaad <souaad.hamoudi@univ-annaba.dz>	Orale
BIO WASTE USED FOR BASIC RED DYE REMOVAL BY BATCH ADSORPTION SYSTEM.	<i>Souaad HAMOUDI</i>	<i>Zhour Hattab, Chafika MEZITI, Zhour Hattab, Nacer Bezzi, Fatiha Barka</i>	Hamoudi Souaad <souaad.hamoudi@univ-annaba.dz>	Orale
LA PRODUCTION ET LA CARACTÉRISATION DU CHARBON ACTIVÉ PAR PROCÉDÉ D'ACTIVATION CHIMIQUE À L'ACIDE PHOSPHORIQUE	<i>Hicham seraa</i>	Daouia belkheiri, and Brahim Kebabi	Hicham Seraan <ser.hicham@gmail.com>	Orale
Efficiency of ZnO thin films doped with magnesium for treating wastewater through photocatalysis in environmental applications	Lahouel Khemissi	Gasmi Meriem	Lahouel Khemissi <lahouel.khemissi@univ-khenchela.dz>	Orale
Liquid-liquid Extraction of 1-Butanol with Diethyl ether/ Cyclohexanone At 291.15 K	<i>Soumaya Larous</i>	Nadjet Boulkroune, Rania Tadjadj, Yousra Yamoune	Larous Soumaya <soumaya.larous@univ-constantine3.dz>	Orale
Efficiency of Cationic Resin in Removing Basic Red 29 Dye from Various Water Matrix	<i>Snani Leila</i>	Kermiche Messaoud and Bouaziz Oualid	Leila Snani <leila.snani@univ-annaba.dz>	Orale
Improving biobased adsorbent properties by chemical crosslinking	<i>Afaf MAHTALI</i>	<i>Fatiha LAHGUI, Samia Kaddour</i>	Mahtali Afaf <mahtaliafaf07@gmail.com>	Orale
Citric Acid-Modified Agricultural Wastes as Efficient Biosorbents for Cadmium Removal from Aqueous Solution	<i>Othmane Mezzar</i>	<i>Djedid Mebrouk, Chiffa Ad</i>	Mezzar Othmane <o.mezzar.gpr@lagh-univ.dz>	Orale
Sustainable Removal of Mequitazine and Ethinylestradiol from Aqueous Solutions Using Pumpkin Biochar	Asma Nouioua	<i>Barkahoum Boudoumi and Saadia Guergazi</i>	Nouioua Asma <asma.nouioua@univ-biskra.dz>	Orale
Preparing low-cost, porous ceramic supports using kaolinitic clay and various additives for water treatment applications	Palahouane Baya	<i>K. Ayad, A. Azzouz, M. Hecini, N. Mesrati, F. Tablaoui, O. Bouchelaghem, A. Mansri</i>	Palahouane Baya <aquabm2024@gmail.com>	Orale

Adsorption of lead (II) from wastewater using activated carbonaceous materials from Aloe Vera leaves: Isotherms, Kinetics, and Thermodynamics	LAHRECHE Saadia	KAID M'hamed, BENYUCEF Abdelghani	Saadia Lahreche <lahrechmg2010@gmail.com>	Orale
Organic Pollution and Water Quality Challenges in Effluents of the Annaba Wastewater Treatment Plant	Sedrati Nassima	Chaoui Widad, Halimi Fahima , Zine Mounia	Sedrati Nassima <nassima.sedrati@univ-annaba.dz>	Orale
From Adsorption to Photocatalysis Under Sunlight: Enhancing Methyl Orange Removal Using Polyaniline/Co-Montmorillonite Hybrid Material	Siali Mohammed El Amine	/	Siali Mohammed El Amine <mohamed.siali@univ-mascara.dz>	Orale
Adsorption of Pb(II) and Cd(II) Ions on Algerian Montmorillonite Intercalated with Al ₃ Polycation	Ouafa TOBBI	Zhour HATTAB, Sabrina ZEROUAL	Tobbi Ouafa <o.tobbi@univ-batna2.dz>	Orale
Ecological risk assessment of metal contamination in Oued Essouk and Guenitra Dam in the vicinity of the abandoned Sidi Kamber mine (Northeast Algeria)	Nesma Yacoub	Fayçal Khelfaoui, Khaldia Si Tayeb	Yacoub Nesma <yacoub.nesma@enset-skikda.dz>	Orale
Impact of hydrogen peroxide granulation medium on the development of porous hydroxyapatite-based granules	Ziani Salima	Aïtali Salima, Aghilas Brahmi, Aida Zaabar, Mohamed Messaoudi	Ziani Salima <s.ziani@univ-bouira.dz>	Orale

Theme 7 : Pharmaceutical Chemistry

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Communication Title	Last name and First name	Co-authors	Email	Tupe de présentation
Experimental and Computational Study of Celecoxib Eutectic Systems, Synthesis, DFT, and Docking	BOUZIANI Messeouda	ALLAL Farida and SAIDAT Boubaker	Allal Farida <f.allal@lagh-univ.dz>	Orale
Chemical Composition and Antimicrobial Potential of Lavandula angustifolia Essential Oil	AYACHI AMAR Fatma Zohra	GOUDJIL Mohamed Bilal, MAHCENE Zineb, AYACHI AMOR Asma and AYACHI AMOR Chaima	Ayachi Amar Fatma Zohra <ayachiomar.fatmazohra@univ-ouargla.dz>	Orale
Synthèses et évaluation antibactérienne de nouveaux hétérocycles pyrazoliques leurs chalcones correspondants	BELKHADEM Fatima	MERABTENE Meriem	Belkhadem Fatima <fatima.belkhadem@univ-temouchent.edu.dz>	Orale
Bioactive Lipids from a Marine Alga: Chemical Profile and Anti-Inflammatory Potential	Khadidja BOUDEBBAZ	/	Boudebbaz Khadidja <boudebazkhadidja@gmail.com>	Orale
Comparative Antibacterial Activity of Hydroethanolic and Aqueous Extracts of Asparagus acutifolius L.	Lydia Casasni	Lamis GUERMACHE, Houda Abed, Khaoula Benabila	Casasni Lydia <casasni_lydia@yahoo.fr>	Orale
Protective effects of vitamin C and cyclodextrin-encapsulated vitamin E against oxidative stress-induced male reproductive dysfunction in uncontrolled hyperglycemia	Hanane CHEMLAL	Lamine BOURNINE, Sihem BENSALAM, and Mokrane IGUER-OUADA	Chemlal Hanane <h.chemlal05.27@gmail.com>	Orale
phytochemical study and evaluation of the antifungal activity of aqueous and ethanolic liquid from fenugreek	GUERMACHE Lamis	CASASNI Lydia, BOUDERBALA Karima and BEN ZARHOUDA Hafidha	Guer mache Lamis <lamisguermache13@gmail.com>	Orale
Antioxidant Potential and Bioactive Compounds of Origanum glandulosum Desf. Leaves: In Vitro Analysis	Aldjia Hadroug	Rachid Belhattab and Khellaf Rebbas	Hadroug Aldjia <aldjia.hadrougue@univ-msila.dz>	Orale
Valorisation of Recycled Biomass in the Formulation of a Moisturising Cream	Nadia Hamza	Rosa HAUCHE, Hadjer Mabrouki, Djamal eddine Akretche	Hamza Nadia <hamza.nadia124@gmail.com>	Orale

Molecular Docking of Bioactive Compounds from Medicinal Plants: A Natural Alternative to Veterinary Antibiotics	BENCHIKH Imen	DEHBI Atallah	Imen Benchikh <benchikhimen95@gmail.com>	Orale
Intranasal Delivery of AahII-Encapsulated Chitosan Nanoparticles Reduces Inflammatory Markers in a Murine Model of Lung Adenocarcinoma	RANIA MERZOUAGUI	Amina Ladjel-Mendil, Fatah CHERIFI	Merzouagui Rania <merzouagui.rania@gmail.com>	Orale
Experimental and Computational Study of Celecoxib Eutectic Systems, Synthesis, DFT, and Docking	BOUZIANI messeouda	ALLAL Farida and SAIDAT Boubaker	Messeouda Bouziani <m.bouziani@lagh-univ.dz>	Orale
Inhibitory potential of CDK1 by natural metabolites derived from wild flax species: in silico study	Ryma MOUNA	Abdalwahab AHMED	Mouna Ryma <r.mouna@univ-boumerdes.dz>	Orale
Hepatoprotective properties of Erodium butanolic extract against propiconazole toxicity: An in silico study of PXR receptor interactions	Ismahan Ounissi	Jihane Bounaas, Saïd Derbal	Ounissi Ismahan <ounissiismahan87@gmail.com>	Orale
Extraction de CAPSAICINE ; principe actif anesthésiant et analgésique à base de piment saharien, alternative naturelle contre la douleur.	Zerrouki Aicha	/	Zerrouki Aicha <aichazerrouki98@gmail.com>	Orale
Phenolic compounds and antioxidant activity in the ethanolic and aqueous extracts of Lavandula dentata flowers	Nassim ZOUAOUI	Nassima Azizi, Hayette BOUABIDA	Zouaoui Nassim <nassim.zouaoui@univ-tebessa.dz>	Orale
Synthesis, Characterization, DFT Calculations and Molecular Docking of Eutectic Mixture of an anti-inflammatory Agent	Allal Farida	Fatiha BENTAHAR, Messeouda BOUZIANI, Omar ElFarouk HOUACHE, Zohra HOUYOU	Allal Farida <f.allal@lagh-univ.dz>	Orale