

PEOPLE'S DEMOCRATIC REPUBLIC OF ALGERIA

Ministry of Higher Education and Scientific Research

University of Bejaia – Abderrahmane Mira

Faculty of Natural and Life Sciences



جامعة بجاية
Tasdawit n Bgayet
Université de Béjaïa



Laboratory of Applied Biochemistry

PROGRAM

The National Seminar on Applied Biochemistry

"From Molecular Discovery to Valorization and Innovative Applications"

"NSAB 2026"



University of Bejaia – Campus of Aboudaou (Route de Tichy)

October 13-14, 2026

LABORATOIRE
Dr LALAOUI

Toudja

First Day: Tuesday, October 13, 2026



8:00 – 9:00	REGISTRATION & WELCOME
9:00 – 9:30	PREPARATION OF THE POSTER HALL
9:30 – 10:00	OPENING CEREMONY
10:00 – 10:30	COFFEE BREAK AND NETWORKING
10:30 – 11:10	SESSION CHAIR: Dr. Soraya METTOUCHI, Pr. Salim OUCHEMOUKH PLENARY LECTURE Pr. Tahar AMROUCHE, Université Mouloud Mammeri de Tizi-Ouzou "Probiotics: A New Approach for Human Health Promotion"
11:10 – 11:20	Q&A Session
TOPIC 1 SESSION Valorization of bioactive substances SESSION CHAIR: Pr Abderrezak TAMENDJARI	
11:25 – 11:50	CONFERENCE 1: Pr. Zahia KABOUCHE, Université Constantine 1 – Frères Mentouri "Plant-Derived Antiplasmodial and Antiviral Molecules – QSAR Study"
11:50 – 12:00	Q&A Session
12:00 – 12:25	CONFERENCE 2: Pr. Fatiha NACRI-BEDJOU, Université de Béjaïa "Effets de certains contaminants de notre environnement et des polyphénols sur le système immunitaire"
12:25 – 12:35	Q&A Session
12:35 – 13:00	POSTER TOUR – FIRST SESSION <i>Posters P_101 – P_168: See the separate poster catalogue</i>
13:00 – 14:30	LUNCH BREAK
14:30 – 16:15	ORAL COMMUNICATIONS – TOPIC 1 SESSION MODERATORS: Djamel AÏT SAADA (U-Mostaganem), Dr. Katia ABDELOUAHAB (U-Bouira)

Time	Presentation Title	ID	Authors
14:30 – 14:40	Formulation, optimization and <i>in vitro</i> evaluation of an anti-inflammatory parapharmaceutical cream based on <i>Equisetum arvense</i>	O_101	Sabrina SAIT-DIB
14:40 – 14:50	Optimisation statistique du milieu de culture pour améliorer la production de kératinase par <i>Streptomyces albidoflavus</i> DZ 06, isolée d'un sol algérien.	O_102	Samir HAMMA
14:50 – 15:00	Pharmaceutical Development and Antifungal Evaluation of an <i>Origanum vulgare</i> Essential Oil-Based Topical Formulation	O_103	Nassim BELKACEM
15:00 – 15:10	Therapeutic potential of plant alkaloids against oxidative stress and intestinal inflammation	O_104	Fatma Lynda OUAMAR
15:10 – 15:20	Chemical Characterization and Antibacterial Potential of <i>Citrus limon</i> Essential Oil Against Histamine-Producing Bacteria Isolated from <i>Sardina pilchardus</i>	O_105	Amina BOULANOUAR
15:20 – 15:50	COLLECTIVE Q&A (30 min)		
15:50 – 16:15	POSTER SESSION (TOPIC 1 – FOLLOW-UP)		
14:30 – 16:15	WORKSHOP DOCKING – PARALLEL SESSION Dr. Saad BOUCHEKIOUA, Center: Pharmaceutical Sciences Research Center, Constantine "De la préparation des structures à l'analyse des interactions ligand–protéine"		

Second Day: Wednesday, October 14, 2026



8:30 – 9:00	PREPARATION OF THE POSTER HALL		
TOPIC 2 SESSION Innovative Applications of Applied Biochemistry in Health, Food and Environment (Auditorium HECHLAF – 500 places) SESSION CHAIR: Lanez TOUHAMI			
9:00 – 9:15	Session opening and preparation		
9:15 – 9:40	CONFERENCE: Pr. Widad SOBHI, Université de Constantine "SIRT2 -ReLA axis as a potent target for breast cancer therapy"		
9:40 – 9:55	Q&A Session		
9:55 – 10:10	COFFEE BREAK AND NETWORKING		
10:15 – 12:05	ORAL COMMUNICATION SESSION AND Q&A – TOPIC 2 SESSION MODERATORS: Pr. Zahia KABOUCHE (U. Constantine) , Pr. Dina KILANI-ATMANI (U-Bejaia)		
Time	Presentation Title	ID	Authors
10:15 – 10:25	L’effet de l’ajout de miel sur les propriétés physico-chimiques, l’activité antioxydante, la stabilité oxydative et la digestion des lipides d’une margarine	O_201	Salim OUCHEMOUKH
10:25 – 10:35	Development of an Active and Biodegradable Food Packaging Film Based on <i>Pistacia lentiscus</i> : Antioxidant and Antibacterial Properties	O_202	Kenza MOULAOU
10:35 – 10:45	Evaluation of the antioxidant and antibacterial properties of aqueous extracts of <i>Nigella sativa</i> L. seeds.	O_203	Djamila ATMANI
10:45 – 10:55	Conception d’un biocapteur enzymatique pour le dosage de l’acide benzoïque	O_204	Bachra KHETTAL
10:55 – 11:05	Étude de l’effet synergique des ultrasons et des molécules bioactives sur la croissance de <i>Staphylococcus aureus</i> dans un jus de fruits lacté	O_205	Akila AMIR-TAHI
11:05 – 11:35	COLLECTIVE Q&A (30 min)		
11:35 – 12:05	POSTER SESSION (TOPICS 2)		
10:30 – 12:00	WORKSHOP AI- PARALLEL SESSION Dr. Mohammed KACIMI EL HASSANI, University of Djelfa Dr. Boudjamaa SAHEL, University of Djelfa "Intelligence artificielle pour la recherche: outils d’analyse et de rédaction académique"		

TOPIC 3 SESSION

Molecular Modeling and In Silico Screening

(Conference Hall – Block 2)

SESSION CHAIR: Pr. Nadjat DEBBACHE BENAIDA

9:00 – 9:15	Session opening and preparation
9:15 – 9:40	CONFERENCE: Pr. Lanez TOUHAMI, Université d'El Oued "Targeting Sulfate and Phosphate Transporters in Potato (<i>Solanum tuberosum</i>): In Silico Screening of LC–MS–Profiled Metabolites from Saharan <i>Fagonia cretica</i> Against Dichromate Uptake. "
9:40 – 9:55	Q&A Session
9:55 – 10:10	COFFEE BREAK AND NETWORKING

10:15 – 12:05	ORAL COMMUNICATION SESSION AND Q&A – TOPIC 3 SESSION MODERATORS: Pr. Abdenacer FLILISSA (U-Sétif), Pr. Mostapha BACHIR BEY (U-Bejaia).
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Time	Presentation Title	ID	Authors
10:15 – 10:25	Design and evaluating of β -lactam derivatives as selective cytotoxic agents against MCF-7 breast cancer cells	O_301	Faiza ASLI
10:25 – 10:35	Étude <i>in silico</i> d'un hybride thymol-triazole: pharmacologie réseaux, docking moléculaire, dynamique et ADMET pour le traitement du cancer du sein	O_302	Yamina HADJADJ
10:35 – 10:45	Caractérisation <i>in silico</i> et modélisation du potentiel métabolique de trois souches de <i>Bacillus</i> d'Algérie	O_303	Mohamed Seghir DAAS
10:45 – 10:55	Molecular modeling and QSAR approaches for predictive molecular property assessment: a case study on polychlorinated biphenyls	O_304	Amina CHAOUI
10:55–11:05	Exploration of MIR146A Gene Polymorphism in Acute Renal Rejection	O_305	Nor Elhouda NACER
11:05 – 11:35	COLLECTIVE Q&A (30 min)		
11:35 – 12:05	POSTER SESSION (TOPICS 3 and 4) <i>See poster catalogue</i>		

12:15 – 14:00	LUNCH BREAK
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TOPIC 4 SESSION

Artificial Intelligence for Molecular Discovery and Biological Applications

SESSION CHAIR: Pr. Naoual BOUCHERBA

14:30 – 14:55	CONFERENCE 1: Dr. Mohammed KACIMI EL HASSANI, University of Djelfa "Conception et mise en place d’une base de données des plantes aromatiques et médicinales d’Algérie"		
14:55 – 15:05	Q&A Session		
15:05 – 15:30	CONFERENCE 2: Pr. Hafsa DJOUDAD KADJI, University of Bejaia "De l’expérimentation pédagogique à la valorisation des innovations: retour d’expérience sur l’entrepreneuriat universitaire en biologie. "		
15:30 – 15:40	Q&A Session		
15:40 – 16:00	ORAL COMMUNICATION SESSION AND Q&A – TOPIC 4 SESSION MODERATORS: Pr. Hassiba AMIR (U-Bejaia) , Dr. Karima AYOUNI (U-Bejaia)		
<i>Time</i>	<i>Presentation Title</i>	<i>ID</i>	<i>Authors</i>
15:40 – 15:50	Découverte moléculaire pilotée par l’intelligence artificielle	O_401	Younes NACEUR
15:50 – 16:00	COLLECTIVE Q&A (10 min)		
16:00 – 16:15	COFFEE BREAK AND NETWORKING		

Organizational Notes

- All participants must wear their printed badges throughout the seminar and respect the schedule.
- Oral presentations: 10 min each, followed by 30 min of collective Q&A. Thematic plenary lectures: 25 min + 15 min Q&A.
- Posters must be printed. Presenters must attend their assigned sessions; all available poster titles and authors are listed in the separate catalogue.