



Microbiology Moroccan Association  
and AL Akhawayn University



**5<sup>th</sup> International Congress**

**on**

**MICROBIAL BIOTECHNOLOGIES AND SOCIO-ECONOMIC  
DEVELOPMENT OPPORTUNITIES**

**Communications par affiches retenues (Posters)**

N°	Nom et prénom	Thème	Titre
1	Aainouss achraf	Microbiologie médicale et maladies émergentes	Analysis of isoniazide and rifampicin resistance in <i>Mycobacterium tuberculosis</i> using genotype mtbdrplus assay
2	Aallam yassine	Microbiologie alimentaire et agro-ressources	Plant P nutrition by rock phosphate solubilizing Actinobacteria isolated from sugar beet soil
3	Abdou achraf	Application et innovation	Hemisynthesis and antibacterial effect of derivatives of eugenol
4	Abid amar	Microbiologie alimentaire et agro-ressources	Antimicrobial capacity of lactic microbiota from algerian salted dried meat (khliaa)
5	Abouloifa houssam	Microbiologie alimentaire et agro-ressources	<i>In-vitro</i> characterization of probiotic properties of antifungal lactobacillus strains isolated from traditional fermenting green olive
6	Aboulseoud mahmoud	Microbiologie médicale et maladies émergentes	Antibacterial activity of euphorbium and jujube honeys. association with the aqueous extract of fresh laurus
7	Abumsimir berjas	Microbiologie médicale et maladies émergentes	Genetic and viro - biomarkers associated with elevated risk of prostate cancer in moroccan men
8	Agour abdelkrim	Microbiologie alimentaire et agro-ressources	Gas chromatography/mass spectrometry system (GC/MS) analysis and antifungal activity of the essential oil from the aerial parts of <i>Brocchia cinerea</i> grown in the South region of Morocco
9	Ahadaf soumaya	Microbiologie alimentaire et agro-ressources	Co-aggregation and biofilm growth of lactic acid bacteria with <i>Escherichia coli</i> and <i>Listeria monocytogenes</i>
10	Ait lahbib oubid	Microbiologie alimentaire et agro-ressources	Effect of coating material compositions on <i>Bacillus cereus</i> adhesion on building surfaces
11	Ait mous khadija	Microbiologie Médicale et Maladies émergentes	Sans
12	Akhtach sihame	Microbiologie alimentaire et agro-ressources	Isolation and characterization of exopolysaccharides from lactic acid bacteria for food applications

13	Alami soufiane	Environnement, dépollution et assainissement	Molecular characterization of root-nodulating bacteria isolated from <i>Retama dasycarpa</i> grown in the mining site of high Moulouya area, morocco
14	Aliane samia	Environnement, dépollution et assainissement	Biofilm actors involved in bioremediation of contaminated soil and wasterwater traitement
15	Allaoui safae	Environnement, dépollution et assainissement	Study of antibacterial and antioixidant activity of olive mille wastewater (OMW) from region Fez -Meknes
16	Amzil mohamed	Microbiologie alimentaire et agro-ressources	Prevalence of <i>Escherichia coli</i> resistant to third generation Cephalosporins isolated from avian products in the Casablanca - Settat region, Morocco.
17	Aouzal jihad	Microbiologie médicale et maladies émergentes	Prevalence of extended-spectrum $\beta$ -lactamase of uropathogenic <i>Klebsiella pneumoniae</i> isolated from patients at international university hospital sheikh khalifa ibnzaïd
18	Asri meryem	Environnement, dépollution et assainissement	Utilisation du biofilm de <i>Wickerhamomyces anomalus</i> fixé aux déchets du bois et à la zéolithe 13X pour le traitement du chrome - Etude comparative
19	Asri meryem	Environnement, dépollution et assainissement	Chromium removal by newly developed microbial consortia supported on wood husk
20	Asri meryem	Environnement, dépollution et assainissement	<i>Wickerhamomyces anomalus</i> biofilm supported on wood husk and zeolites 13x for the treatment of chromium - a comparative study
21	Assaidi abdelwahid	Microbiologie Médicale et Maladies émergentes	Prevalence of <i>Legionella pneumophila</i> in hot water systems in Morocco and risk factors associated with contamination
22	Assia mouslih	Microbiologie médicale et maladies émergentes	Épidémiologie de la maladie cœliaque
23	Assila ouissal	Environnement, dépollution et assainissement	Study of catalytic performance for the oxidation of methyl green dye using Cu-Clay catalyst with H <sub>2</sub> O <sub>2</sub>
24	Azzouz safae	Microbiologie alimentaire et agro-ressources	Physicochemical and microbiological characterization of traditional cheeses commercialized in north of Morocco
25	Bachiri imène	Environnement, dépollution et assainissement	Screening of PGPR rhizobacteria with potential antimicrobial case from Saharan soil of El-Bayadh
26	Baghouz asmae	Microbiologie alimentaire et agro-ressources	Study of the toxicity of essential oil and powder extracted from <i>Origanum compactum</i> on <i>Callosobruchus maculatus</i>
27	Bahir mohammed amine	Environnement, dépollution et assainissement	Evaluation of the bacteriological contamination of work Surfaces in abattoirs in Morocco
28	Ben ali mohamed	Microbiologie alimentaire et agro-ressources	Assessment of the microbiological quality of fresh fish caught at M'diq port: Case of the bogue
29	Ben messaoud rachid	Microbiologie médicale et maladies émergentes	Prevalence of extended-spectrum $\beta$ -lactamase of uropathogenic <i>Escherichia coli</i>
30	Bendella oussama	Microbiologie alimentaire et agro-ressources	Study of the pomological, physicochemical and sensory characteristics of some citrus species cultivated in the berkane regions of eastern morocco.
31	Benidir meryem	Microbiologie alimentaire et agro-ressources	Antimicrobial activity of the flavonoids and mucilages of two dry fruits <i>Phoenix dactylifera</i> L and <i>Ziziphus lotus</i> L.

32	Benlemlih majda	Applications et innovation	Chemical composition of essential oils and their antibacterial activity against <i>E. coli</i> isolated from dead rabbits
33	Biyada saloua	Environnement, dépollution et assainissement	Effect of bioaugmentation on the degradation of organic matter from industrial waste treated by composting
34	Bouarrakia bakkali mounia	Environnement, dépollution et assainissement	Heavy metals tolerance and pgg potential of rhizobacteria isolated from the mining site zeida
35	Bouchama chaymae	Microbiologie alimentaire et agro-ressources	The study focuses on the antibacterial activity of turmeric of the essential oil and the ethanolic extract.
36	Bouhnik omar	Environnement, dépollution et assainissement	The Moroccan endemic <i>Vachellia gummifera</i> is nodulated by the new <i>Ensifer fredii symbiovar vachelliae</i> in semiarid areas
37	Boukili meryem	Microbiologie alimentaire et agro-ressources	Prévalence, caractérisation et résistance antimicrobienne de <i>Listeria monocytogenes</i> isolée de la viande rouge dans la ville de Meknès, Maroc
38	Boukour sara	Microbiologie alimentaire et agro-ressources	Determination of the quality of camel fat -Daroua- following a storage process
39	Boulamtat rachid	Interactions plantes-microorganismes	<i>Helicoverpa armigera</i> Infection by endophytic <i>Beauveria bassiana</i> strains colonizing chickpea plants
40	Boumezzou mariam	santé et environnement	Etude épidémiologique et mycobactériologique de la tuberculose dans la province de kénitra
41	Bousmaha latifa	Microbiologie alimentaire et agro-ressources	<i>Candida guilliermondii</i> and <i>Lactobacillus amylovorus</i> as a starter culture for fermented lemon's
42	Bouymajane aziz	Microbiologie alimentaire et agro-ressources	Characterization and antimicrobial resistance of <i>Listeria monocytogenes</i> isolates from foods
43	Bouzekri omayma	Biotechnologies Microbiennes	Chemical composition and antimicrobial activity of the essential oil of <i>Rosmarinus officinalis</i> cultivated in region Fes-Meknes region
44	Chaghhouaoui ouissale	Environnement, dépollution et assainissement	Effect of inoculation of plant growth promoting rhizobacteria (PGPR) on the growth of the peanut kt-22 variety ( <i>Arachis hypogaea</i> L.)
45	Cherroud sanâa	Microbiologie alimentaire et agro-ressources	Antimicrobial activities of the essential oil and methanolic extract of coriandrum sativum
46	Cherroud sanâa	Microbiologie alimentaire et agro-ressources	Microbiological and physicochemical quality of kourdas
47	Chraibi marwa	Microbiologie médicale et maladies émergentes	Combined treatment of <i>P. graveolens</i> , <i>R. officinalis</i> and <i>T. algeriensis</i> . essential oils against <i>E. coli</i> : Optimization of antibacterial activity by mixture design methodology
48	Chraibi marwa	Microbiologie médicale et maladies émergentes	Chemical characterization and antibacterial activities of <i>Pelargonium graveolens</i> and <i>Myrtus communis</i> essential oils and their synergistic antibacterial effect
49	Dakir mohamed	Microbiologie médicale et maladies émergentes	Hemisynthesis and antibacterial effect of derivatives of eugenol
50	Diawara idrissa	Microbiologie médicale et maladies émergentes	Molecular biology tools in the diagnosis of hepatitis C in Casablanca Morocco

51	Diawara idrissa	Microbiologie médicale et maladies émergentes	Contribution of molecular biology in the diagnosis of viral hepatitis B
52	Ech-chayeb kaouatar	Microbiologie médicale et maladies émergentes	Hand hygiene compliance at six care units of the provincial Hospital el Idrissi kenitra in Morocco, North Africa
53	El barnossi azeddin	Environnement, dépollution et assainissement	Study of filamentous fungi associated with solid organic wastes: chicken droppings and sheep manure in application in the soil
54	El hafa zakariyae	Microbiologie alimentaire et agro-ressources	Film conditioning for dairy industries and the risk of bio-contamination
55	El hamzaoui najia	Microbiologie médicale et maladies émergentes	Epidemiology of multi-resistant bacteria in the hospital environment: service of burn and plastic surgery, Mohamed V Hospital, Meknes
56	El hassani fatima zahra	Environnement, dépollution et assainissement	Treatment and valorization of Olive Mill Vegetable Water in Morocco
57	El khamlichi sokaina	Environnement, dépollution et assainissement	Detection and characterization of <i>Spiroplasma</i> and <i>Wolbachia</i> in <i>Glossina tachinoides</i>
58	El mallali yassine	Microbiologie médicale et maladies émergentes	Ligand-based virtual screening and molecular docking analysis for the identification of potential arsenal compound against cervical cancer
59	El massoudi soukaina	Microbiologie médicale et maladies émergentes	Antimicrobial activity of moroccan <i>Lawsonia inermis</i>
60	El ouadrhiri faiçal	Environnement, dépollution et assainissement	Evaluation de la qualité physico-chimique des effluents industriels de la ville de Fés
61	El yemni majda	Microbiologie alimentaire et agro-ressources	Composition and antifungal activity of <i>Rosmarinus officinalis</i> essential oil against postharvest phytopathogenic fungi in apples.
62	Elassri ayoub	Biologie medicale et maladies emergentes	Antimicrobial resistance and biofilm formation of <i>Salmonella</i> serotypes isolated from food industry in Morocco
63	Elgamouz sabah	Microbiologie alimentaire et agro-ressources	Anti-bacterial activity and chemical composition of essential oil of <i>Thymus vulgaris</i>
64	Elhafa zakariyae	Microbiologie alimentaire et agro-ressources	Film conditioning for dairy industries and the risk of bio-contamination
65	Elmniai abderrahim	Microbiologie alimentaire et agro-ressources	Hygienic quality assessment of fresh chicken meat sold in traditional slaughterhouses in taza city, northern morocco
66	Eloirdi samia	Microbiologie alimentaire et agro-ressources	Characterization of lactic acid bacteria displaying antifungal activity against fruit spoilage fungi
67	Erraji badr	Microbiologie médicale et maladies émergentes	Acinetobacter resistant to imipenem isolated from patients at international university hospital Cheikh Khalifa Ibn Zaid, Morocco
68	Erraji hassan	Environnement, dépollution et assainissement	Technological platform for the recovery of organic wastes
69	Es-sbata ikram	Microbiologie alimentaire et agro-ressources	Identification of thermotolerant acetic acid bacteria isolated from <i>Prickly pear</i> (cactus) and optimization of their growth and vinegar production

70	Essahale adil	Environnement, dépollution et assainissement	Microbial diversity in oil mill water, isolated from Morocco and Spain, using ribosomal genes based fingerprinting
71	Ez-zriouli rabab	Microbiologie alimentaire et agro-ressources	Study of the toxicity of the essential oils of two plants of the Lamiaceae family
72	Ez-zriouli rabab	Microbiologie médicale et maladies émergentes	Anticandidotic activity of the essential oils of <i>Rosmarinus officinalis</i> harvested in the region of Gharb (Morocco).
73	Ezziyyani mohammed	Microbiologie alimentaire et agro-ressources	Effect of certain cations and incubation temperature on <i>Phytophthora capsici</i> zoospore infectivity
74	Faddane kaoutar	Microbiologie médicale et maladies émergentes	Brucellosis serodiagnostic and epidemiology
75	Filali samouh khaoula	Microbiologie alimentaire et agro-ressources	Mycotoxycological study of corn quality for poultry feed
76	Gaamouche sara	Microbiologie alimentaire et agro-ressources	Improved adsorption-desorption process to the partial characterization of the antibacterial bacteriocin produced by lactic acid bacteria isolated from a traditional brine table olives
77	Gaga younes	Environnement, dépollution et assainissement.	Phytotoxicity effects of olive mill wastewater on <i>Pistia stratiotes</i>
78	Hacini zineb	Environnement, dépollution ou agro-ressources	Extracting the essential oils from the benzoic resins and studying some of its biological properties and antioxidants
79	Hadj moussa hakim	Environnement, dépollution ou agro-ressources	Evaluation of the antifungal activity of essential oil as a therapeutic agent on the tavelure of the apple.
80	Hafid fatima zahra	Microbiologie médicale et maladies émergentes	Epidemiology of Mandatory Reporting Diseases: case of leptospirosis
81	Hakim taoufik	Environnement, dépollution et assainissement	Study of the effect of conditioning of olive-mill wastewater on the physicochemical characteristics of plastic carriers and the adhesion of an insulated bacterium of the methanization digester
82	Hamdache ahlem	Applications et innovation	Effect of dual antagonism on macrolactin secretions
83	Hammi ikram	Microbiologie alimentaire et agro-ressources	Detection of phycotoxins in shellfish in the Northern region of morocco
84	Harboul kaoutar	Environnement, dépollution et assainissement	Hexavalent chromium reduction by bacterial from abandoned mine soil
85	Harkousse oumaima	Microbiologie alimentaire et agro-ressources	Use of mycorrhizal fungi and pgpr bacteria as a biological method to improve the mineral uptake for date palm plants in water deficit conditions.
86	Hinane dounia	Environnement, dépollution et assainissement	Domestication of the endemic plant of Morocco and high added value: <i>Artemisia Herba alba</i>
87	Hnini mohamed	Environnement, dépollution et assainissement	Impact of rhizobial and PGPR inoculation on <i>Acacia tortilis subsp. raddiana</i> , growth under greenhouse conditions
88	Hriouech soukayna	Microbiologie médicale et maladies émergentes	The anti-staphylococcal activity of amoxicillin/clavulanic acid, gentamicin, and 1,8-cineol alone or in combination, and their efficacy in a rabbit model of methicillin-resistant <i>Staphylococcus aureus</i> osteomyelitis

89	Idouarame sabrine	Environnement, dépollution et assainissement	Antimicrobial and antioxidant activities of <i>Artemisia herba-alba</i> essential oil cultivated in Morocco.
90	Imoulan abdessamad	Environnement, dépollution et assainissement	Distribution and genetic diversity of <i>Beauveria</i> species at different soil depths in natural and agricultural ecosystems
91	Jaber hassna	Microbiologie alimentaire et agro-ressources	Effect of essential oils on the zootechnical parameters and health status of chicks treated with <i>Escherichia coli</i>
92	Jaber hassna	Microbiologie alimentaire et agro-ressources	Effect of essential oils on the hygienic quality and organoleptic characteristics of turkey meat marketed in the city of kenitra (morocco)
93	Jaouhar samira	Microbiologie médicale et maladies émergentes	Profil de résistance aux antibiotiques de <i>Escherichia coli</i> uropathogène au niveau du centre hospitalier provincial de Meknès au Maroc : étude retrospective (2016-2017).
94	Jeddi mohamed	Microbiologie alimentaire et agro-ressources	Development of a natural antioxidant to preserve fish
95	Kaddouri kaoutar	Environnement, dépollution et assainissement	Plant Growth promoting activities of <i>Vachellia gummifera</i> rhizospheric bacteria in Marrakech and Essaouira areas.
96	Kadiri fatimazahra	Environnement, dépollution ou agro-ressources	The antimicrobial and antioxidant activity of biosurfactants extracted by <i>Aeromonas salmonicida</i> isolated from the marchika lagoon of Nador with gasoline degradation.
97	Khaali wafa	Microbiologie médicale et maladies émergentes	Prevalence, genotype distribution and risk factors of human papillomavirus in Moroccan women
98	Khiraoui abdelkarim	Microbiologie alimentaire et agro-ressources	Properties of Genotype and Environment on Diterpene Glycosides Content and Composition of the Sweet Herb, <i>Stevia rebaudiana Bertoni</i> Cultivated in Morocco
99	Laabidalla rajaa	Microbiologie médicale et maladies émergentes	Antibacterial, antioxidant and toxicity properties of hydroxyapatite extracted from the scales of <i>Sardina pilchardus</i>
100	Lahrouni majida	Environnement, dépollution ou agro-ressources	Natural rhizosphere microbiota reduce bioaccumulation and harmful effects of cyanobacterial toxins introduced via irrigation water
101	Lakhlifi tarik	Microbiologie alimentaire et agro-ressources	Characterization of antifungal fatty acids produced by lactic acid bacteria using Gas chromatography-mass spectrometry
102	Lakram nazha	Microbiologie alimentaire et agro-ressources	Effect of feed detoxified argane press cake on chemical and microbiological characteristics of fresh goat cheese
103	Lamhamdi brahim	Environnement, dépollution ou agro-ressources	Evaluation of the cell resistance for <i>Tetrahymena pyriformis</i> exposed to some chemical agents.
104	Lamin hanane	Environnement, dépollution et assainissement	Nodulation of <i>Retama monosperma</i> by <i>Ensifer aridi</i> in an Abandoned Lead Mine Soils in Eastern Morocco
105	Mabchour meriem	Microbiologie alimentaire et agro-ressources	Tubular Photobioreactor conception for phototropic culturing of the freshwater microalgae <i>Haematococcus pluvialis</i> .
106	Maryame lamsisi	Microbiologie médicale et maladies émergentes	LncRNA-protein interaction regulate cell cycle and promote breast cancer
107	Mayoussi btissam	Microbiologie alimentaire et agro-ressources	Adhesion of <i>Penicillium italicum</i> and <i>Penicillium digitatum</i> to materials commonly used in citrus packaging chain



108	Mazigh doha	Environnement, dépollution et assainissement	Streptomyces isolated from soils of beni amir: screening by ability to form biofilms
109	Mghazli najoua	Environnement, dépollution et assainissement	In-depth characterization of microbial communities present in phosphate mining wastes in a context of rehabilitation of the former Kettara mine, Morocco
110	Mitro soukaina	Microbiologie alimentaire et agro-ressources	Identification and characterization of olive bacterial diseases in the beni mellal-khenifra region
111	Momen ghizlane	Microbiologie médicale et maladies émergentes	Genotype <sup>®</sup> mtbdr sl test for the rapid detection of resistance to second-line anti-tuberculosis drugs in greater casablanca
112	Moukhfi fatimazahra	Microbiologie alimentaire et agro-ressources	Antimicrobial and antioxidant activity of three essential oils on isolated bacterial strains of the poultry.
113	Moussaid fatimazahrae	Microbiologie médicale et maladies émergentes	Antifungal activity of microorganisms against aspergillus fumigatus isolated from pulmonary aspergillosis
114	Mssillou ibrahim	Microbiologie médicale et maladies émergentes	Chemical composition and antimicrobial activities of the essential oil from the leaves of <i>Dittrichia viscosa</i> L
115	Naimi mostefa	Microbiologie médicale et maladies émergentes	Probiotic screening of ten lactic acid bacteria from traditional algerians dried meat (khliaa)
116	Najjari ilham	Microbiologie alimentaire et agro-ressources	Antibacterial and antifungal activities of different solvents extracts of <i>Linum usitatissimum</i>
117	Nossir zineb	Microbiologie médicale et maladies émergentes	Antimicrobial resistance profile of <i>Staphylococcus aureus</i> isolated from patients at International University hospital Sheikh Khalifa Ibn Zaid, Morocco
118	Oudghiri amal	Microbiologie médicale et maladies émergentes	Genotypic and phenotypic characterization of multi drug resistant clinical isolates of mycobacterium tuberculosis from grand casablanca, morocco.
119	Ourradi hamza	Environnement, dépollution et assainissement	Antifungal activity of seed oils from four varieties of dates ( <i>Phoenix dactylifera</i> L) against the fungus <i>Fusarium oxysporum</i>
120	Outammassine abdelkrim	Microbiologie médicale et maladies émergentes	Ecological niche modeling of Zika virus potential vectors in Morocco
121	Raklami anas	Applications et innovation	Utilization of the potentials of selected microorganisms as biofertilizers for enhancing soil quality, plant growth and yield in filed condition
122	Rammali said	Microbiologie médicale et maladies émergentes	Exploration du potentiel antimicrobien d'Actinomycètes isolées du sol marocain
123	Rhazi bouchra	Selection genotypique et mise en place d'un protocole de la culture in vitro de stevia	Criblage phytochimique et activité antioxydante de <i>Stevia rebaudiana</i>
124	Saghrouchni hamza	Microbiologie médicale et maladies émergentes	<i>In vitro</i> Study of Thymol, Carvacrol and Eugenol against Three Fusariosis of Ray Grass

125	Saghrouchni hamza	Microbiologie médicale et maladies émergentes	Evaluation of the <i>in vitro</i> antibacterial activities of different types of honeys
126	Saif imane	Microbiologie médicale et maladies émergentes	Profile of hypermethylation of BRCA1 promoter and risk of breast cancer
127	Salame bouchra	Environnement, dépollution et assainissement	Research and identification the pathogenic bacteria from urban wastewater the El Kasr El Kébir city (Morocco).
128	Slimani afafe	Microbiologie alimentaire et agro-ressources	The influence of AMF and PGPR colonization on the growth parameters of tomato plants under water deficit conditions
129	Taha kaoutar	Microbiologie alimentaire et agro-ressources	Lentil ( <i>Lens culinaris</i> L.) growth promoting rhizobacteria associated with <i>R.laguerreae</i> improve drought stress tolerance
130	Tahiri nor el houda	Microbiologie alimentaire et agro-ressources	Isolation and in vitro study of Carvacrol against three virulent fungi responsible for post-harvest citrus diseases
131	Tankiouine safae	Application et Innovation	Predictive adhesion of <i>Staphylococcus</i> ATTC on the stainless steel treated with UHT milk
132	Tebaa lamiaa	Environnement, dépollution et assainissement	Biocontrol of <i>microcystis</i> dominated harmful algal blooms by medicinal plants
133	Tirry nabil	Microbiologie alimentaire et agro-ressources	Improved Salinity Tolerance of <i>Medicago sativa</i> by Halotolerant Plant-Growth-Promoting bacteria
134	Yahi zineb	Microbiologie médicale et maladies émergentes	Etude épidémiologique et sérologique d'hépatite B et C dans la province de Kenitra
135	Zadni fatima zahra	Interactions plantes-micro-organismes.	Structural characterization of endomycorrhizal fungi associated with argan trees located in the of Rabat region (north-west) and southern Morocco Bouizakarne region and mycorrhizogenic potential of their rhizosphere.
136	Zanane chorouk	Environnement, dépollution et assainissement	Influence of sodium chloride (NaCl) on the physico-chemical properties of the cell surface of actinomycetes
137	Zerhouni jaouad	Environnement, dépollution et assainissement	Performance study of the membrane based layered double hydroxides 'ZnAl-Gh' in the purification of groundwater
138	Zeroual ahmed	Microbiologie alimentaire et agro-ressources	Screening phytochimiques et evaluation des activites antioxydante et antibacterienne de <i>Matricaria recutita</i>
139	Zeroual ahmed	Microbiologie alimentaire et agro-ressources	Evaluation des activites biologiques et screening phytochimiques d' <i>Origanum compactum</i> benth de la region de taounate
140	Ziane hanane	Microbiologie médicale et maladies émergentes	Evaluation de la capacité des espèces de <i>Candida</i> non albicans isolées des dispositifs médicaux au CHU de Tlemcen (Algérie) à former des biofilms.
141	Ziyadi soukaina	Applications et innovation	Effect of ionizing radiation of CS 137 and CO 60 on the morphology, growth and physiology of <i>Tetrahymena pyriformis</i>
142	Zouagui rahma	Environnement, dépollution et assainissement	Diversity of the <i>Crocus sativus</i> associated bacteria

**N.B. : L'inscription ne sera considérée complète que quand le participant s'acquittera des frais d'inscription (consultez le site [www.amm.ma](http://www.amm.ma) pour plus de détails)**







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# MICROBIAL BIOTECHNOLOGIES AND SOCIO-ECONOMIC DEVELOPMENT OPPORTUNITIES

### Communications orales retenues

Thème		Microbiologie médicale et maladies émergentes	
N°	Nom	Prénom	Titre
1	AMENSAG	Kamar	Activity of Nizin and Pediocin PA-1 alone and their combination with antibiotic against <i>Staphylococcus aureus</i> and <i>Acinetobacter baumannii</i> multiresistant to antibiotic
2	DIAWARA	Idrissa	Whole-genome sequence (wgs) analysis of highly virulent <i>Streptococcus pneumoniae</i> serotype 1 in Casablanca, Morocco
3	DILAGUI	Ilham	OXA-48-like producing enterobacterales: phenotypic and immuno-chromatographic characterization in Mohammed VI UHC, Marrakech, morocco
4	ESSOUDY MOURRY	Ghita	Microbiological monitoring of the technical environment in a biomedical laboratory: case of a laboratory in Morocco
5	GIHBID	Amina	Pre and post-treatment circulating Epstein-barr virus DNA level in the monitoring of nasopharyngeal carcinoma in morocco
6	NAIT IRAHAL	Imane	The antibacterial and antioxidant activity of six essential Oils to multidrug resistant bacterial strains isolated from patients in Hospital University
7	NAYME	Kaotar	Comparative study on prevalence and association of some virulence factors with extended spectrum beta-lactamases and ampc producing <i>Escherichia coli</i> isolates from poultry meat
8	OUUGHIRI	Amal	Genetic diversity of multi-and pre-extensively drug resistant strains of <i>Mycobacterium tuberculosis</i> from high prevalence tuberculosis city in Morocco

Thème		Environnement, dépollution et assainissement	
N°	Nom	Prénom	Titre
1	ANISSI	Jaouad	Modeling the ecological networks of <i>Streptomyces</i> spp communities
2	BELECHHEB	Taoufik	Isolation and characterization of rhizobia nodulating <i>lotus creticus</i> in the North West of Morocco
3	BENNIS	Meryeme	Isolation and characterization of PGPRs present in the rhizosphere of <i>Retama monosperma</i> in a contaminated region with lead (Touissit)
4	HARZALLI JEBARA	Salwa	Advances in the application of legumes inoculated by plant growth-promoting rhizobacteria in biofertilization and phytoremediation of heavy metal contaminated soil
5	TALBI	Chouhra	Global gene expression of <i>Rhizobium etli cbb<sub>3</sub><sup>++</sup></i> strain in symbiosis with common bean under drought conditions
6	IDBELLA	Mohamed	Seed-associated endophytic fungi effect in the plant's response to leaf litter phytotoxicity
7	RAKLAMI	Anas	Mitigation of heavy metals and oxidative stress in <i>Medicago sativa</i> by inoculation with rihzobacteria
8	ZOUAGUI	Houda	Genome and pan-genome analysis of Illumina Miseq sequencing data of the complete genome of bacteria isolated from the desert of Merzouga: Example of <i>Enterobacter hormaechei</i> MDMC82

Thème		Microbiologie alimentaire et agro-ressources	
N°	Nom	Prénom	Titre
1	BAKRIM	Hanane	Evaluation of Bio efficacy of <i>Inula viscosa</i> and <i>Lavandula pedunculata</i> Plant extracts against food borne pathogens: A potential application in the prevention of food spoilage
2	CHERKAOUI	Douae	Evaluation of antibacterial activity of bacteriocins produced by probiotic strains isolated from traditional "Jben" cheese and traditional "Lben" fermented milk
3	EL GALIOU	Ouiam	Production, Purification, Stability and Efficacy of Bacteriocin from Lactic Acid Bacteria isolated from Moroccan fermented food
4	MERCHA	Ikram	Antioxidant potential of fermented camel milk using autochthonous interactive lactic acid bacteria isolated from a Moroccan argane biotope
5	MOUNIR	Majid	Selection and use of indigenous Yeasts and Lactic Acid Bacteria as mixed starter cultures for traditional bread preparation
6	ROKNI	Yahya	Esterase activity of <i>Lactobacillus plantarum</i> fso1 and <i>Candida pelliculosa</i> 118 isolated from fermenting moroccan green olive
7	SOUFIANI	Soukaina	Physicochemical characterization of lactic acid bacteria used as a starter culture in the olive fermentation process
8	TAHIRI	Abdeli-lah	Effects of PGPR bacteria, arbuscular mycorrhizal fungi (amf) and compost on plant growth, yield biochemical parameters of leek ( <i>Allium ampeloprasum</i> var. <i>porrum</i> l.) and soil fertility: field trial

Thème		Applications et innovation	
N°	Nom	Prénom	Titre
1	AITBOULAHSEN	Mohamed	Fish-gelatin/pectin-based film incorporated with essential oils: functional characteristics and shelf life extension of tilapia slices under refrigeration
2	AOUINE	Mouna	Comparison between free cells and immobilized cells of <i>Pichia kudriavzevii</i> in ethanol production from chickpea straw
3	ELFAZAZI	Kaoutar	Investigation on the efficiency of commercial sanitizers against adhesion ability of <i>Salmonella Kentucky</i> and <i>Escherichia coli</i> strains isolated from food processing industries
4	ELGOULI	Mourad	Effect of water type and surface properties of glass and PVC on the adhesion of <i>Pseudomonas aeruginosa</i> ATCC27853 under dynamic conditions
5	KOUBALI	Hajar	Evaluation of the adhesion of <i>Staphylococcus aureus</i> ATCC 25923 on the polystyrene treated with 3 different surfactants
6	MASSAOUDI	Yousra	Effects of halophilic bacterial extracts on modulating memory deficits, anxiety, depression, and oxidative stress biomarkers in methionine-induced mice models of schizophrenia
7	SOUHIR	Abdelkrim	Harnessing of a novel multifunctional biofertilizer for sustainable agriculture and rehabilitation of mine tailings and metal polluted soils
8	TASSIST	Amina	Development of an alternative method for the pre-selective detection of antibiotic residues in meats