

First International Congress of Biochemistry & Microbiology Applied Technologies (BMAT'2017)

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November 03 – 05, 2017, VINCCI Marilia Hotel 4*

Hammamet – TUNISIA

PROGRAMME

Friday, November 03, 2017

09h00'-14h00' : Reception and Registration of the **BMAT-2017** participants

12h40'-14h00' : Lunch

14h00'-14h15' : Welcome speeches by **Pr. Chedly CHOUGHANI** "BMAT-2017 Chair" & **Pr. Riadh KSOURI** "BMAT-2017 Manager"

14h15'-14h35' : Official Opening Speech

14h40'-15h20' : Plenary Lecture : **Pr. Jean-Marc ROLAIN**, Editor in Chief of *IJAA*, Aix-Marseille University, France
"Update on resistance to colistin"

15h20'-15h40' : Coffee Break

Session 1 : Health

CHAIRMAN: Pr. Jean-Marc ROLAIN & Abdellatif BOUDABOUS

15h40'-16h10' : Keynote Speech : **Pr. Isabel HENRIQUES**, Aveiro University, Portugal

«Mobile antibiotic resistance in wastewater and downstream environments»

16h10'-17h40' :
Oral Communications

(from **H-O-01** to **HO-06**)

17h40'-18h10' : Keynote Speech : **Pr. Carmen TORRES**, La Rioja University, Spain

«mecC-mediated methicillin resistance in *Staphylococcus aureus*. Phenotypic and genotypic characteristics, molecular epidemiology and clinical impact»

18h10'-18h40' :
Oral Communications

(from **H-O-07** to **H-O-09**)

Session 2 : Biotechnology and Industry Applications

CHAIRMAN : Pr. Chedly ABDELLY & Pr. Phillipe GABANT

15h40'-16h10' : Keynote Speech : **Pr. Marion GIRARDOT**, Poitiers University, France

« Natural compounds as promising solutions against *Candida* biofilms»

16h10'-17h40' :
Oral Communications

(from **B-O-01** to **B-O-06**)

17h40'-18h10' : Keynote Speech : **Dr. Yasmine SOUISSI**, Carthage University, Tunisia

« Xenobiotic transformation products screening using a retrospective analytical strategy»

18h10'-18h40' :
Oral Communications

(from **IA-O-01** to **IA-O-02**)

18h40'-19h30' : **POSTERS Session** (132 Posters)

19h30'-21h00' : Diner

Saturday, November 04, 2017

09h00'-09h30' : Plenary Lecture : Pr. Marc STEGGER , Statens Serum Institut, Denmark
"Pathogen evolution and resistance"

Session 1 : Health

CHAIRMAN : Pr. Karim BEN SLAMA & Pr. Carmen TORRES

09h35'-10h05' :

Keynote Speech : Pr. Jerome LEPRINCE, Normandie University, France
«New insights into the structure-activity relationships of 26RFa neuropeptide»

10h05'-10h35' :

Oral Communications
(from **H-O-10** to **H-O-12**)

Session 2 : Biotechnology and Industry Applications

CHAIRMAN : Pr. Phillipe GABANT & Pr. Riadh KSOURI

09h35'-10h05' :

Keynote Speech: Pr. Chedly ABDELLELY, CBBC, Tunisia
« Extremophile plants: promising candidates to improve agricultural yields in marginal zones»

10h05'-10h35' :

Oral Communications
(from **IA-O-03** to **IA-O-04**)

10h35'-10h55': Coffee Break

CHAIRMAN : Pr. David Vaudry & Pr. Isabel Henriques

10h55'-11h25' :

Keynote Speech : Pr. Olfa MASMOUDI, Tunis El-Manar University, Tunisia
« Astroglial-derived factors as new therapeutic targets: Neuroprotective role of the gliopeptide ODN against neurodegeneration processes on in vitro and in vivo models.»

11h25'-12h40' :

Oral Communications
(from **H-O-13** to **H-O-17**)

CHAIRMAN : Pr. Chedly CHOUCANI & Dr. Yasmine SOUSSI

10h55'-11h25' :

Keynote Speech : Pr. Adnane ABDELGHANI, INSAT, Tunisia
«Nanotechnology and New ideas of Start-Up in Developing Countries»

11h25'-12h40' :

Oral Communications
(from **B-O-07** to **B-O-11**)

12h40'-14h00': Lunch

Session 1 : Health

CHAIRMAN : Pr. Taoufik GHRAIRI & Pr. Patricia POETA

14h00'-14h30' :

Keynote Speech : Pr. Moez RHIMI, INRA, France
« Gut microbiota and human health : friends or foes ?»

14h30'-16h00' :

Oral Communications
(from **H-O-18** to **H-O-23**)

Session 2 : Biotechnology and Industry Applications

CHAIRMAN : Pr. Noureddine AMDOUNI & Pr. Imen OUZARI

14h00'-14h30' :

Keynote Speech : Pr. Ezzeddine FERJANI, Carthage University, Tunisia
« Membrane processes: Application for biomolecules valorization»

14h30'-16h00' :

Oral Communications
(from **B-O-12** to **B-O-18**)

16h00'-16h20' : Coffee Break

16h20'-16h30'

Presentation of HTDS Tunisia activities

16h30'-17h00' : Plenary Lecture Pr. David Vaudry, Normandie University, France

"How peptidomic analysis of the developing cerebellar cortex coupled to functional studies led to the identification of the neurotrophic effects of nociceptin"

CHAIRMAN : Pr. Moez RHIMI & Pr. Nawel KLIBI

17h05'-17h35' :

Keynote Speech : Dr. Ines ZIDI, Tunis El-Manar University, Tunisia.

«New insights into HLA-G checkpoint molecule:
toward a systematic understanding of diseases? »

17h35'-19h05' :

Oral Communications

(from **H-O-24** to **H-O-29**)

CHAIRMAN : Dr. Ahlem JOUINI & Pr. Haithem MHADBI

17h05'-19h05' :

Oral Communications

(from **B-O-19** to **B-O-28**)

19h05'-19h35' : POSTERS Session (132 Posters)

19h30'-21h00' : Diner

Sunday, November 05, 2017

Session : Health, Biotechnology and Industry Applications

CHAIRMAN : Pr. Chedly CHOUCANI & Pr. Karim BEN SLAMA

09h00'-09h30' : Plenary Lecture : Pr. Patricia POETA, Trás-os-Montes University, Portugal

"How wild animals act as reservoirs of antibiotic resistant strains? An integrated One Health approach"

09h30'-10h00' :

Oral Communications

(**IA-O-05** and **B-O-29**)

10h00'-10h30' : Plenary Lecture : Pr. Phillippe GABANT, CSO Syngulon, Belgium

"Applications of bacteriocins genetic circuits for the control of industrial strains"

10h30'-10h50' : Coffee Break

10h50'-11h30' : Selected POSTERS Session

11h30'-12h00' : Speech of Pr. Abdellatif BOUDABOUS, Professor of Microbiology FST "Revolution, Research and Perspectives in Tunisia"

12h00'-12h30' : - Award ceremony for the BMAT'2017 Honorary Co-Chairs: **Pr. Abdellatif BOUDABOUS** and **Pr. Chedly ABDELLY**

- Award ceremony for the best communications (oral and / or Poster)

Official Closing of BMAT'2017

List of BMAT'2017 Communications

Name & last name	Abstract title	Institution	Oral	Poster
ABDELBASSET BOUBAKRI	Antioxidant activity of W/O microemulsions containing <i>Allium roseum</i> methanolic extract	IRA Mednine, Tunisia		BP-01
ABDELKADER BARDADI	Dynamics of steppe vegetation in the south region of Sidi bel Abbes (western Algerian)	Univer. Aint Timouchint, Algeria		BP-02
ABDELKARIM BEN ARFA	Essential oil of some Tunisian arid land plants as novel source of anticancer, antibacterial and antioxidant activities	IRA Mednine, Tunisia		BP-03
ABDELKRIM CHAIDA	Study of different enzymatic capacities of microorganisms isolated from different biotopes and identification of microorganisms screened for their high enzymatic potential	Université d'Oran, Algeria		BP-07
ABDELWAHEB CHATTI	Effect of Silver Nanoparticles on Nutrient-Starved <i>Shigella</i>	CRTE, Tunisia		HP-02
ABIDI FERID	Screening and evaluation of lactic acid bacteria isolated from traditional Tunisian dairy products for their proteolytic activity	INSAT, Tunisia	BO-11	
ABIR SARRAJ	Topological and typological analyses of structural diversity of saponins in <i>Astragalus</i> genus (Fabaceae)	FST, Tunisia	BO-01	
ADDAD BENALI	Mass spectrometry and analysis of glycoproteins	Faculte Médecine Oran, Algeria		HP-13
AHMED BALIGH LAARIBI	Human leukocyte antigen (HLA-F) polymorphisms in chronic HBV infection	FS Bizerte, Tunisia		HP-03
AHMED MOUSSA	First evidence of Anti-biofilm Activity of Propolis -Sahara Honeys (P-SHs) against <i>Candida albicans</i>	University Ibn-Khaldoun Tiaret, Algeria		BP-08
AISSE BAH	Evaluation of antilisterial activity of fermented tomato juice by <i>Lactobacillus plantarum</i> and <i>Leuconostoc mesenteroides</i> during fermentation and storage at 4°C	FST, Tunisia		BP-16

ALAEDDINE BEN ZAHRA	Recovery of biomolecules from olive leaf product by membrane Process	FS Bizerte, Tunisia	BO-02	
ALIMA GHAROUT-SAIT	Isolation of Gram-negative bacteria producing carbapenemases from cockroaches in Algeria	Université de Bejaia, Algeria		HP-04
AMANI TAAMALLI	Hepatoprotective effect of olive tree (<i>Olea europaea</i> . L) leaves on carbon tetrachloride-induced liver damage	CBBC, Tunisia	HO-01	
AMEL AMARA	Trend of Tuberculosis hospitalizations in a developing country (Monastir; Tunisia)	Faculte Médecine Sousse, Tunisia	HO-30	
AMEL AYAD	Characterization of antibiotic resistance genes in E. coli in hospitals of North-Western Algeria	Université Chlef- Algeria	HO-29	
AMEL ISMAIL	Seasonal and geographic variability of antimicrobial activity of <i>Ulva rigida</i>	INSTM, Tunisia	BO-04	
AMEL REHAIEM	Lavandula angustifolia extracts: a potential natural remedies against multidrug resistant human pathogens	CHU Charles-Nicolle, Tunisia		BP-10
AMENI KTHIRI	Biochemical and bio-molecular manifestations induced into <i>Saccharomyces cerevisiae</i> living under magnetic field	FS Bizerte, Tunisia		BP-09
AMINA AYADI	Variation of resistance to <i>Phoma medicaginis</i> in a core collection of <i>Medicago truncatula</i> , <i>M. ciliaris</i> and <i>M. polymorpha</i> inbred lines	CBBC, Tunisia	BO-05	
AMINE JABLAOUI	Analysis of the role of serine proteases in Inflammatory Bowel Diseases.	CBS, Tunisia		HP-06
AMIRA ARFAOUI	Molecular diagnosis of tuberculous spondylodiscitis by identification of <i>Mycobacterium tuberculosis</i> complex in a Paraffin-Embedded Tissue	CHU Charles-Nicolle, Tunisia		HP-07
AMIRA KLIBI	Antimicrobial resistance and virulence characterization of methicillin-resistant and sensitive staphylococci isolates from clinical mastitis milk in Tunisia	Institut Pasteur Tunis, Tunisia	HO-03	
AMIRA KLIBI	Detection of CTX-M-15 extended-spectrum β -lactamases and associated resistance genes in <i>Escherichia coli</i> strain from clinical mastitis bovine milk in Tunisia	Institut Pasteur Tunis, Tunisia		HP-09
ANIS BEN HSOUNA	Citrus lemon essential oil: Chemical composition, antioxidant and antimicrobial activities with Its Preservative Effect against <i>Listeria monocytogenes</i> inoculated in minced beef meat	FS Gafsa, Tunisia	BO-06	
ARWA BEN JEBLI	Study of intra and intermolecular redundancies within the Crumbs complex	Université Libre ULT, Tunisia		BP-11
ASMA AMMAR	Identification of characteristics and risk factors of antimicrobial resistance in a medical intensive care unit	CHU Farhat Hached, Tunisia		HP-10
ASMA AMMAR	Incidence and Microbiological profile of Ventilator Associated Pneumonia in a Medical Intensive care unit in Tunisia	CHU Farhat Hached, Tunisia	HO-04	

ASMA BALLA	Effect of some cryoprotectants on the conservation of a strain of interest isolated from camel milk	University Ouergla, Algeria		BO-12
ASMA ESSEFI	Exploring binding properties of anchor peptides	Université Libre ULT, Tunisia		BP-13
ASMA MEHRI	Genital infection by <i>Trichomonas Vaginalis</i> in women in Sousse (Tunisia): prevalence and metronidazole susceptibility	CHU Sahloul, Tunisia		HP-11
ASMA ZATOUT	Antibacterial activity of essential oils from the leaves of <i>Juniperus thurifera</i> of the region of Aures, Algeria	University Abdllhamid Ibn Badis, Mostaganem, Algeria.		BP-14
ASMAA BELMIMOUN	Phytochemical study and Anti-bacterial translocation effect of methanolic extract of <i>Zygophyllum album</i> from Algeria on infected model rats with <i>Bacillus cereus</i>	University of Mascara, Algeria	BO-07	
ASSIA BOUDEBZA	Relationship between biochemical profiles and interval calving times in dairy cows	Insitut Vet. Constantine, Algeria		HP-12
BADIAA ESSGHAIER	Novel antifungal extreme chitinase from the halotolerant <i>Bacillus licheniformis</i> strain J24	FST, Tunisia	BO-08	
BADIAA ESSGHAIER	Test of biological control of three species Lepidoptera by the use of two halophilic bacteria	FST, Tunisia		BP-15
BADIAA ESSGHAIER	Antifungal activity of a new Tetraaqua bismaleato Iron(II) complex against clinical dermatophytes and non-dermatophyte moulds causing tinea unguium	FST, Tunisia	HO-10	
BEN BRAÏEK OLFA	Lysozyme production by <i>Enterococcus lactis</i> Q1 strain	FST, Tunisia	BO-19	
BERGAL AMIRA	Molecular epidemiology and distribution of serotypes, genotypes, and antibiotic resistance genes of <i>Streptococcus agalactiae</i> clinical isolates from Guelma, Algeria and Marseille, France	Univerity 8 MAI 1945 Guelma, Algeria		HP-08
BOUTHEINA FELLAH	Phenolic profiling of two Tunisian varieties of <i>Punica granatum</i> L.	FST, Tunisia		BP-18
CELIA OUAHCHIA	Antimicrobial activities of <i>Inula viscosa</i> L. chloroform extracts	Université Blida 1, Algeria		BP-19
CHAHLA BEN BRAHIM	Antibacterial activity of some plants of the East of Algeria	University of Tlemcen, Algeria		BP-20
CHEBA BEN AMAR	Enzyme Immobilization Strategies for Industrial Biotechnologies.	University Al Jouf, KSA	BO-09	

CHEDIA AOUADHI	Evaluation of antibacterial effects of different essential oils against extended-spectrum β -lactamase (ESBL)-producing <i>Escherichia coli</i> isolates	Institut Pasteur Tunis, Tunisia		BP-23
CHERIFA BENMOHAMED	The influence of diet and the seasonal period on the vitamin C content of camel milk	University KM Ouergla, Algeria		BP-21
CHERIFA BOUBEKRI	A comparative study of the antioxidant activity of Punica Granatum by chemical and electrochemical methods	University ElWadi, Algeria	BO-10	
CHOUROUK IBRAHIM	study of the sensitivity and / or resistance of caliciviruses to UV-C treatment	CERTE, Tunisia	HO-05	
DELPHINE BUREL	Perinatal hypoxia induces cellular damage on the developing cerebellum	INSERM, Rouen, France,	HO-17	
ELAA MAAMAR	The abstract name is NDM-1- and OXA-23-producing <i>Acinetobacter baumannii</i> isolated from intestinal microbiota of patients hospitalized in Intensive Care Unit in Tunisia	FM Tunis, Tunisia		HP-14
EMNA CHAABANI	Eco-extraction of aromas from Pistacia lentiscus leaves. Metabolomic approach versus COSMO-RS assisted solvent screening	CBBC, LPAM, Tunisia		BP-24
EMNA MEJRI	Production of lactic acid from waste potato industry	Université Libre ULT, Tunisia		IAP-01
FARAH BEN TANFOUS	Non-clonal dissemination of colistin resistant <i>Klebsiella pneumoniae</i> strains in the National Center of Bone Marrow Transplant of Tunisia	Centre National de Greffe de MO, Tunisia		HP-15
FARAH HADDOUCHI	Phytochemical screening, antioxidant activities and haemolytic power of four Algerian Saharan plants: <i>Asteriscus graveolens</i> , <i>Cymbopogon schoenanthus</i> , <i>Panicum turgidum</i> and <i>Pituranthos scoparius</i>	University of Tlemcen, Algeria		HP-16
FATIMA MAHMOUDI	Probiotics strains of <i>Bifidobacterium bifidum</i> (anti-adherence) isolated from feces infants, against <i>Escherichia coli</i> infection	University S&T Oran, Algeria		IAP-02
GEIS IKHLEIF	Evaluation of different types of genetic disease children in Benghazi children hospital- Benghazi- Libya.	Benghazi Medical Center, Lybia	HO-06	
GHASSAN TAYH	First report of VIM-4 producing Metallo-Beta-lactamase in <i>Escherichia coli</i> and <i>Klebsiella pneumoniae</i> clinical isolates from Gaza Strip, Palestine	FST, Tunisia		HP-17
GHASSAN TAYH	Identification of Virulence Factors among ESBL-producing <i>Escherichia coli</i> clinical isolates from Gaza Strip, Palestine	FST, Tunisia		HP-61
HADJER SAIFI	Microbiological Quality Control of Algerian Dates Intended for Export	FST, Tunisia		BP-05

HAFIDHA CHADI	Evaluation of the antibacterial activity of honey harvested in Algeria with regard to strains isolated from clinical bovine mastitis	ENSV d'Alger, Algeria		HP-18
HAJER DALI	Application of the OmniChange method for simultaneous site mutagenesis	Université Libre ULT, Tunisia		
HAMIDA BEGHALEM	Molecular and phenotypic characterization of endophytic bacteria isolated from <i>Sulla pallida</i> and <i>Sulla capitata</i> nodules	Faculty of Sciences of Bizerte	BO-13	
HAMZA BEN SALAH	Rapid High resolution melt method to analyze common 5' UTR HLA-G polymorphism: +3142C/G	Institut Pasteur Tunis, Tunisia		HP-19
HAMZA BEN YAHIA	HLA-G molecules are highly expressed in endometrial cancer in Tunisia	FST, Tunisia	HO-07	
HANEN CHELBI	Implication of genetic polymorphisms of IL12RB gene in Crohn disease: Rapid high resolution melting method	Institut Pasteur Tunis, Tunisia	HO-08	
HANEN NAJJAA	Role of some Tunisian plants used in ethnomedicine for anticancer drug discovery	IRA Mednine, Tunisia		BP-25
HATEM BELGUTH	Synergic interaction between aqueous garlic extract (<i>Allium sativum</i>) and some antibiotics against Tunisian isolated multi-resistant <i>Salmonella</i> serovars	FS Bizerte, Tunisia	IAO-01	
HAYTHEM GHARSA	Genotypes, antibiotic resistance profiles and virulence factors of <i>Staphylococcus aureus</i> isolated from dairy products in Tunisia	ISSBAT, Tunisia	HO-09	
HELA ABROUG	The burden of skin infections in hospitalized patients in a developing country	FM Monastir, Tunisia	HO-11	
HELA GHALI	Bacteriological profile and risk factors of health care associated infections in a central-eastern university hospital in Tunisia in 2017	CHU Sahloul, Tunisia	HO-12	
HELA GHALI	Bacteriological profile and Treatment of Health care associated infections: Results of Prevalence surveys from 2014 to 2017	CHU Sahloul, Tunisia	HO-14	
HELA GHALI	Microbiological Profile of Patients with Vancomycin-Resistant Enterococci from a Tertiary Care Hospital in Tunisia	CHU Sahloul, Tunisia		HP-20
HELA MKAOUAR	Serpins from gut microbiota: effectors involved the bacterium-host crosstalk	CBS, Tunisia	HO-13	
HIAM ELNAGEH	Prevalence and antimicrobial resistance among enteric bacteria and <i>Staphylococcus</i> spp. isolated from pet-companion animals in Tripoli	University of Tripoli, Lybia		HP-21
HOUSSEM BEN YAHIA	Antibiotic resistance and virulence factors of Enterobacteriaceae isolated from water and soil in bird nests surrounding area	FST, Tunisia		HP-22
HOUSSEM BEN YAHIA	Carbapenemase, ESBL and AmpC beta-lactamase producing Enterobacteriaceae isolated from wild birds in Tunisia	FST, Tunisia	HO-15	
IKRAM GHOULI	Functional involvement of endogenous ODN-related peptides in the process of glio- and neuro-protection against oxidative stress	FST, Tunisia		HP-01

IKRAM KHEMIRI	First report of antimicrobial and wound healing potentialities of the vegetable seed oil of <i>Opuntia ficus indica</i> L. <i>inermis</i> grown in Tunisia	FST, Tunisia	HO-16	
IKRAM KHEMIRI	Antiradical and in-vivo anti-lipoperoxidation effect of seeds and meal extracts of <i>Abelmoschus esculentus</i> grown in Tunisia	FST, Tunisia		HP-23
ILHEM GAMMOUDI	Identification of MBLs and ESBLs Enterobacteriaceae producers in several Tunisian hospital environments	FST, Tunisia		HP-24
IMEN ZEMNI	Hospitalizations for Acute Tubulo-interstitial Nephritis: prevalence and trends, Monastir University Hospital, Tunisia, 2002–2013	FM Monastir, Tunisia	HO-19	
IMEN ZEMNI	Hospitalizations for Genitourinary infections in a developing country: prevalence and trends, Monastir, Tunisia, 2002–2013	FM Monastir, Tunisia		HP-25
IMEN BOUKEF BEN OMRANE	Influence of coastal sediment type on persistence of vibrio alginolyticus and vibrio parahaemolyticus	Inst. Sup. Pêche & Aquacult., Tunisia		HP-26
IMEN HEMISSI	Biochemical mechanisms of induced resistance in chickpea against <i>Rhizoctonia solani</i> AG3 by some <i>Rhizobium</i> strains	INRAT, Tunisie		BP-26
IMEN KHELIFI	Study of in vitro antioxidant and anti-inflammatory activities of some bioflavonoids	CBBC, Tunisia		BP-27
IMENE FHOULA	Cholesterol-lowering effect of probiotic potential <i>Weissella halotolerans</i> F99 associated to arid land living-host	FST, Tunisia		BP-28
ISMAHANE DJEMEL	Evaluation of antioxidant activity, quantitative estimation of phenols and flavonoids in young leaves of <i>Triticum durum</i>	University Constantine, Algeria		BP-29
KALTHOUM CHOURABI	Silver Nanoparticles: Synthesis, Characterization and applications	CERTE, Tunisia	IAO-02	
KAOUTHER SNOUSSI	Association of CXCL12 rs1801157 polymorphism with susceptibility and aggressiveness of breast carcinoma	FM Monastir, Tunisia		HP-27
KAWTHER BOUKORTT	The association study of the IL-1B C+3954T (rs1143634T) polymorphism with the chronic and aggressive periodontitis in the Algerian population	University S&T Oran, Algeria		HP-28

KHADIDJA ABDELKEBIR	he usefulness of NT-proBNP in coronary syndrome	University Setif, Algeria		HP-29
KHADIDJA FELLAH	Estimation of total phenolics and flavonoidal contents as well as in vitro antioxidant potential of the leaves of <i>Prunus persica</i> L. from Bechar region	university bechar Algeria		BP-31
KHAWLA JOUINI	Assessment of antibiotic resistance among Enterobacteriaceae clinical isolates in Siliana Hospital	ISSTE, Tunisia		HP-30
KHOULOUD SLIMENE	Emergence of human pandemic O25b-ST131 CTX-M-15 extended-spectrum β -lactamase producing <i>Escherichia coli</i> strain from poultry farming with enteritis In Tunisia	Institut Pasteur Tunis, Tunisia	HO-18	
LATIFA BOULTIF	Antibiotics use practices and therapeutic failures in cattle farms in Algeria	Vetrinary Institut of Constantina, Algeria		HP-31
LIZA OUARABI	Lactobacilli of the Doderlein flora: A promising alternative therapy for the vaginal flora imbalance.	University Bejaia, Algeria		HP-32
LOTFI LOUCIF	First Detection of ESBL-Producing <i>Pantoea eucrina</i> in <i>Blattella germanica</i> Cockroaches in an Algerian Maternity Hospital	University Betna 2, Algeria		HP-33
MANEL BEN FREDJ	Hospitalizations for lower respiratory tract infections in a university hospital in Tunisia: prevalence and trends, 2002–2013	Fac. Med. Monastir, Tunisia		HP-34
MANEL BEN SASSI	Yeasts isolated in deep sampling	CHU Charles-Nicolle, Tunisia		HP-35
MANEL MECHMECHE	Bioprocess development and preservation of functional food from tomato seed isolate fermented by kefir culture mixture	ESIAT, Tunisie	BO-15	
MARIEM BENJEMAA	noencapsulation of <i>Thymus capitatus</i> essential oil improves its preservative effects in purposely contaminated milk	CBBC, Tunisia	IAO-03	
MARIEM SAADA	Plant growth modulates primary and secondary metabolites as well as biological activities in the medicinal <i>Retama raetam</i>	LPAM, CBBC, Tunisia		BP-47
MAROUANE BEN ABDALLAH	Proposition of a QIIME analysis workflow in Galaxy and evaluation of three DNA extraction techniques for the analysis of the 16S intestinal microbiota	CHU Rennes, France	HO-20	
MARWA BANNOUR	Evaluation of Phenolic profile, antioxidant and nutritional potential of <i>Calligonum azel</i> Maire, a North African desert plant	FST, Tunisia	BO-16	
MARWA BANNOUR	Phenolic profiling and essential oil composition of <i>Calligonum azel</i> Maire, a Tunisian desert plant	FST, Tunisia		BP-32
MERYEM MOUMENE	Complete genome sequence and description of <i>Lactococcus garvieae</i> M14 isolated from algerian fermented milk	University Guelma, Algeria		IAP-03
MOHAMED ALI BORGHI	Phytase from <i>Bacillus licheniformis</i> acting at wide range of temperature: Biochemical and molecular characterization	FS Gafsa, Tunisia		BP-33

MOHAMED NADJIB BOUKHATE	Lemongrass (<i>Cymbopogon citratus</i> (DC.) essential oil as a potent anti-inflammatory and antifungal drug	University Blida 1, Algeria		HP-36
MOHAMED NADJIB BOUKHATE	Solvent Free Microwave Extraction (SFME): A Promising and Eco-Friendly Technology for Green distillation of Essential Oil from rose-scented Geranium	University Blida 1, Algeria		BP-34
MOHAMED NADJIB BOUKHATE	Rose-scented Geranium Essential Oil: Chemical composition, Antibacterial and Antifungal effects in vitro and a Real Food System (Orangina Fruit Juices)	University Blida 1, Algeria		IAP-04
MOHAMMED AISSAOUI	Evaluation of the antioxydant and antimicrobial activities of green coffee seeds	University Tlemcen, Algeria	BO-17	
MOHAMMED HABIB BELHACHEMI	Effect of some antioxidant molecules in complexation with a Polyenic Antifungal	University Ghardaïa, Algeria		HP-37
MOHAMMED NADJIB RAHMOU	Antiradicalaire activity of two extracts of <i>Genista Saharæ</i> L.	University Tlemcen, Algeria	IAO-04	
MOUNA TABET	Mutagenic and genotoxic effects of urban wastewater, Guelma,ALgeria	University Guelma, Algeria		HP-38
MOUNIRA ARIECH	Determination of properties and applications of biosurfactant produced by <i>Halomonas caseinilytica</i> sp., a halophilic bacterium isolated from a saline soil of Chott El Hodna, M'sila-Algeria	University Mohamed Boudiaf M'sila, Algeria		BP-38
MOURAD BEN SAID	Improved specific detection, molecular survey and phylogeny of <i>Anaplasma platys</i> -like strains in ruminants from Tunisia	ENMV Sidi Thabet	HO-21	
MYRIAM BEN SALAH	Floristic and ethnobotanic study of medicinal plant in Djerba island, Tunisia	IPEST, Tunisia	BO-18	
NABIL SEMMAR	New computational metabolomic approach for highlighting regulatory processes of molecular synthesiat atomic scale	Insitut Pasteur Tunis, Tunisia	BO-03	
NABILA HANSAL	The antimicrobial activity of <i>Leuconostoc</i> spp. isolated from the camel and goat raw milk	University S&T Oran, Algeria	BO-14	
NACIM BARACHE	Characterization of a naturally refined Algerian artisanal cheese "Alatig" potentially manufactured in the rural region of Boussaâda.	University of Bejaia, Algeria		IAP-05
NACIRA RAMDANI	Epidemiological study of caprine brucellosis in family farms in Eloued area	ENSV d'Alger, Algeria		HP-39
NADIA BOUJELBENE	HLA-G and HLA-E molecules are highly expressed in Tunisian patients with cervical and vulvar cancer	Salah Azaiz Institute, Tunisia		HP-40

NADIA JAIDANE	NDM-1-producing ST85 <i>Acinetobacter baumannii</i> from Tunisia	University of Sousse, Tunisia	HO-22	
NADIA KALLALA	Effect of Rhizobium inoculation on response of <i>Medicago truncatula</i> genotypes to iron deficiency	CBBC, Tunisia		BP-39
NAJLA TRABELSI	Activity of enriched olive oil against <i>Anisakis</i> larvae	CBBC, Tunisia	IAO-05	
NAJLA MATHLOUTHI	Genome sequence and description of <i>Mobilicoccus massiliensis</i> sp. nov. isolated from the stool of a Nigerien male suffering from a severe form of acute malnutrition “kwashiorkor”	ISSTE Borj-Cedria, Tunisia		HP-41
NAJLA MATHLOUTHI	Incidence of OXA-23 and OXA-58 carbapenemases co-expressed in clinical isolates of <i>Acinetobacter baumannii</i> in Tunisia.	ISSTE Borj-Cedria, Tunisia	HO-23	
NARIMAN ALMSHAWT	Prevalence of antimicrobial resistance of indicator enteric bacteria isolated from cattle in Libya	University of Tripoli		HP-42
NEDRA ASSES	Enzymatic decolorization and degradation of Congo Red by <i>Aspergillus niger</i>	ISSTE Borj-Cedria, Tunisia		BP-40
NESRINE RAHMOUN	Association of REL gene intronic polymorphism with Cow’s Milk allergy in the pediatric west Algerian population	University S&T Oran, Algeria		BP-41
NIZAR AKERMI	Serine protease inhibitors from the gut microbiota, new insight for old protein.	CBS, Tunisia		HP-43
NOUAIRI ISSAM	Toxicity assessment of silver, Copper-oxide and Hydroxyapatite nanoparticles on <i>Vicia faba</i> L. seedlings	CBBC, Tunisia		BP-30
OLFA TABBENE	Anti-Candida activity and aspartic protease inhibition of <i>Cinnamomum verum</i> and <i>Pelargonium graveolens</i> essential oils as potential drug candidate for treatment of <i>Candida albicans</i> infections	CBBC, Tunisia		IAP-06
OLFA DZIRI	Occurrence of NDM-1 producing ST15 <i>Klebsiella pneumoniae</i> , VIM-2 producing <i>Enterobacter cloacae</i> and OXA-48 producing <i>Proteus mirabilis</i> in Tunisia	FST, Tunisia	HO-24	
ONS TALBI	Interactive effects of phosphorus and iron deficiencies in the facultative halophyte <i>Hordeum maritimum</i>	CBBC, Tunisia	BO-20	
OUISSAL CHAHAD	First assessment study of Enterocins A, P, B, L50 genes from farmed fish sea bass (<i>Dicentrarchus labrax</i>).and sea bream (<i>Sparus aurata</i>) in Tunisia	INSTM, Tunisia		IAP-07
RACHID AZZI	In vitro α -Amylase inhibition from crude extracts of <i>Trigonella foenum graecum</i> L seeds	University of Tlemcen, Algeria		BP-42
RAJA SERAIRI	<i>Curcuma longa</i> protect enzymatic activity against carbon tetrachloride-induced hepatotoxicity in rats: a protective and curative approach	CBBC, LPAM, Tunisia	HO-25	
RAMLA SAHLI	Antimicrobial phenanthrene derivatives from rhizomes of <i>Juncus maritimus</i>	CBBC, LPAM, Tunisia	BO-21	

RANIA BEN SAAD	A novel gene from <i>Aeluropus littoralis</i> , AISRG1, encoding a small RNA-binding protein confers salt and drought tolerance in transgenic tobacco	CBS, Tunisia		
RANIA BEN SAAD	The LmSAP gene encoding A20/AN1 zinc finger protein from <i>Lobularia maritima</i> improves salt and ionic stresses tolerance in tobacco	CBS, Tunisia		BP-43
RANIA SOMAI	Carbapenem and colistin resistance in gram-negative clinical isolates recovered from Tunisian and Libyan hospitals	FST, Tunisia		HP-44
RAOUAA MAAROUFI	Diversity of Extended-Spectrum β -lactamases and Carbapenemases Producing Gram-Negative Bacilli Isolated From Regional Hospital of Jendouba, Tunisia	ISSTE, Tunisia		HP-45
RAOUDHA DZIRI	High prevalence of <i>Staphylococcus haemolyticus</i> and <i>Staphylococcus saprophyticus</i> in environmental samples in a Tunisian hospital	FST, Tunisia		HP-46
RAOUDHA FERJANI	Plant Growth Promoting <i>Rhizopseudomonas</i> : Expanded Biotechnological purposes and Antimicrobial resistance concern	FST, Tunisia		BP-44
REFKA JELASSI	Identification of three polymorphisms (SNPs) in the IL12RB1 gene using High Resolution-Melting Analysis in Tunisian general population	Institut Pasteur Tunis, Tunisia		HP-47
RIM BEN MANSOUR	Phenolic and fatty acids profiles, antioxidant properties of two wild edible Tunisian basidiomycetes (<i>Ganoderma lucidum</i> and <i>Agaricus campestris</i>)	CBBC, LPAM, Tunisia	HO-02	
RIM BEN MANSOUR	Phytochemical characteristics, antioxidant and health properties of roasted and unroasted Algerian argan (<i>Argania spinosa</i>) oil	CBBC, Tunisia		BP-17
RIM EL JENI	MALDI –TOF MS identification and genome sequencing of <i>Enterococcus faecium</i> associated to freshwater fish mucus	INSTM, Tunisia	BO-22	
ROUA JERIDI	detection of <i>erwinia amylovora</i> from symptomatique vegetal	FS Bizerte, Tunisia		BP-45
RYM ESSID	Synergistic activity of essential oils with fluconazole against <i>Candida albicans</i> infections and their mechanism of action	CBBC, Tunisia		IAP-08
RYM HEMMA	Antimicrobial activity of <i>Pistacia lentiscus</i> methanolic extracts	Université Blida 1, Algeria		BP-46
RYM OUERTANI	Description of VEB-8 in <i>K. pneumoniae</i> clinical isolate associated with OXA-48 in Tunisian hospital	ISSTE Borj-Cedria, Tunisia		HP-48
SABRINA BOUAZIZ	Antimicrobial properties of Actinobacteria isolated from Ouargla region (Algeria)	University de Ouargla, Algérie		HP-49
SABRINE BENMOUSSA	Screening for efficient Faba bean- Rhizobia symbiosis under combined hypoxia- salt stress: Exploration in rehabilitation of marginal immersed soils	CBBC, LPAM, Tunisia		BP-49
SABRINE BENMOUSSA	<i>Myrtus communis</i> polar fraction protects H9C2 cardiomyoblast cells against CoCl ₂ -induced hypoxia	CBBC, LPAM, Tunisia		BP-48
SABRINE JEDER	Copper concentrations in alfalfa and vines leaves and roots in combined culture system	CBBC, Tunisia		BP-50

SAID BAREK	Phytochemicals composition, antibacterial and hemolytic activities of extracts from <i>Genista saharae</i> plant	University of Tlemcen, Algeria		BP-51
SALLAMA FEKIRI	Protein engineering of Cytochrome P450 from <i>Bacillus megaterium</i>	Université Libre ULT, Tunisia		BP-52
SALWA DRIDI	Nutritional quality in terms of lipid content and fatty acid composition of neutral and polar lipids in the adductor muscle of the oyster <i>Crassostrea gigas</i> (Thunberg, 1794) farmed in the Bizert lagoon (Tunisia) in relation with gametogenic cycle and environmental parameters	ISPA Bizerte, Tunisia	BO-23	
SAMAR BARNIS	Sediment toxicity assessment of two Tunisian wadi's using the zebra fish model <i>Danio rerio</i>	ISSTE Borj-Cedria, Tunisia	BO-24	
SAMAR BEN MILOUD	Resistance to antibiotics and heavy metals in environmental bacterial strains	ISSTE Borj-Cedria, Tunisia		HP-50
SAMIHA SOUAGUI	Culture Conditions Optimization Based on Statistical Methodologies for Antifungal Compounds Production by <i>Streptomyces albidoflavus</i> S19 isolated from wastewater	Université de Bejaia, Algeria		IAP-09
SAMIRA BRAHIMI	Characterization of lactic acid bacteria isolated from a fermented foodstuff based from olives "A fermented Amoredj"	University of Oran, Algeria		BP-53
SANA DHAOUADI	Antimicrobial-resistance and genetic characterization of <i>Staphylococcus</i> spp. isolated from bovine mastitis in Tunisia	BiotechPôle. Sidi Thabet, Tunisia		HP-51
SANA FERJANI	High prevalence of pathogenicity island markers and occurrence of <i>Escherichia coli</i> ST 131 clone in the intestinal microbiota of healthy children	FM Tunis, Tunisia		HP-52
SANA YAKOUBI	Nanoemulsion formulation and characterization of two aromatic and medicinal plants essential oils: " <i>Cuminum cyminum</i> " and " <i>Carum carvi</i> " alone and in combination	CBBC, LPAM, Tunisia		IAP-10
SARA MOKTARI	Isolation of Lactic Acid Bacteria from Algerian Durum Wheat (<i>Triticum durum</i>) Natural Fermented in Underground Silos Matmora "El-Hammoum" and their Antimicrobial Activity Against Pathogenic Germs	University S&T Oran, Algeria		BP-54
SARAH AYAD	Seroprevalence of human immunodeficiency virus, hepatitis B virus and hepatitis C virus among blood donors in the Center of Blood Transfusion CTS Oran	CHU ORAN, Algeria		HP-53
SARRA SNOUSSI	Effect of the static magnetic field on the expression of cytoplasmic <i>Salmonella</i> proteins	FS Bizerte, Tunisia		HP-60
SEYMA BAHDOUNI	Neuroprotective effects of the gliopeptide ODN in an in vivo model of Parkinson's disease	FST, Tunisia		HP-54
SIHEM BEN FREDJ	Pattern of pathogens from surgical site infections in a Tunisian hospital and their antimicrobial susceptibility profiles	Fac. Med. Sousse, Tunisia	HO-26	
SIHEM BEN FREDJ	Prevalence and trends in Hospital admissions for intra-abdominal infectious diseases from 2002 to 2013 in a Tunisian tertiary care hospital	Fac. Med. Sousse, Tunisia		HP-55
SIHEM GUESMI	Roots of the xerophyte <i>Panicum turgidum</i> host biotechnologically-valuable radioresistant microorganisms	INAT, Tunisia	BO-25	

SOFIANE BECHAMI	Antiradical activity of polyphenols of <i>Teucrium fruticans</i> aqueous extract by a qualitative test to β -carotene	Université de Bejaia, Algeria		
SOFIANE BECHAMI	Aqueous extract of the polyphenols of <i>Teucrium fruticans</i> and their Antibacterial Activity	Université de Bejaia, Tunisia		IAP-11
SONIA MEJRI	Impact of γ -rays on faba bean seeds / Correlation with free radical and antioxidant profiles	CNSTN, Tunisia		BP-56
SOUMAYA BOURGOU	LC-ESI-TOF-MS and GC-MS profiling of phenolics, sesquiterpenes lactones and carbohydrates in <i>Artemisia herba-alba</i> with antioxidant, antimicrobial and cytotoxic activities	CBBC, LPAM, Tunisia		BP-57
SOUMIA BOUTARFA	Identification of microscopic algae in the thermal springs hammam es salihin khenchela of eastern Algeria	Universty of Khenchela Algeria		BP-04
TAROUB BOUZAIENE	Assessment of antifungal activities and probiotic properties of Lactic acid bacteria from grape table	INSAT, Tunisia		IAP-12
THOURAYA BARHOUMI-SLIMI	Synthesis of new b-chlorocinnamaldehyde Schiff bases and study of their biological activities	ISSTE Borj-Cedria, Tunisia	HO-27	
THOURAYA BARHOUMI-SLIMI	Synthesis and anticholinesterase activity evaluation of arylphosphoramidates	ISSTE Borj-Cedria, Tunisia		HP-56
THOURAYA BEN OTHMEN	Candida Colonization Index and antifungal susceptibility profile in critically ill patients	CHU Charles-Nicolle, Tunisia		HP-57
VANESSA SILVA	Antimicrobial activity of polyphenols extracted from winery by-products against drug resistant bacteria	University of Tras-os-Montes, Portugal		BP-35
VANESSA SILVA	Effect of phenolic compounds extracted from chestnut (<i>Castanea sativa</i> Mill.) industry by-products on antibiotic resistant bacteria	University of Tras-os-Montes, Portugal		BP-06
WAF A CHERIF	First analysis of microfouling film isolated from an experimental disposal in Tunisian coast	INSTM, Tunisia	BO-26	
WAF A BABAY	High soluble HLA-G expression is associated with advanced ovarian carcinoma and predicts poor prognosis in Tunisian patients	FST, Tunisia	HO-28	
WAF A BOUGLITA	Molecular and anti-fungal resistance studies: The case of candidiasis caused by <i>Candida parapsilosis</i> complex	ISBST, Tunisia		HP-58
WAF A RHIMI	Studies on the phenolic profiling, toxicity activity against <i>Candida</i> spp., dermatophytes, <i>Malassezia</i> spp., and <i>Aspergillus</i> spp. of <i>Ditrichia viscosa</i> (L.) Greuter: in vitro evaluation	CNSTN, Tunisia	BO-27	
WAF A SOUID	Physico-chemical characterization of bacteriocins produced by Lactococci isolated from camel milk	University Ouergla, Algeria		BP-36
WALID YEDDES	Optimization of bioactive molecule extraction from northern Tunisian rosemary (<i>Rosmarinus officinalis</i> L.) and their incorporation in gelatin edible film for ulterior use in food packaging	CBBC, LPAM, Tunisia		IAP-13

WEJDENE MANSOUR	Whole genome sequence (WGS) of carbapenemase producing enterobacterial isolates from Tunisia	CHU Sahloul, Tunisia		HP-59
WIEM TAHRI	Ultra-high performance liquid chromatography coupled to high resolution Orbitrap mass spectrometry for phenolic profiling of the aerial part of <i>Chrysanthemum trifurcatum</i>	FS Bizerte, Tunisia		BP-37
YASMINE SOUISSI	Green bioremediation of contaminated soil without CO2 release for climate change mitigation	ISSTE Borj-Cedria	BO-28	
YASSINE MABROUK	Creating new efficient bean (<i>Phaseolus vulgaris</i> L.) rhizobia strains under stress conditions by gamma irradiation	CNSTN, Tunisia		BP-22
YOSR BEN REDJEM	Bioactivities of <i>Sarcotragus</i> sponges and their associated bacteria	INSTM, Tunisia	BO-12	
ZAINEB HAMZAOU	Role of association of OmpK35 and OmpK36 alteration and blaESBL and/or blaAmpC in non-producing carbapenemase-Klebsiella pneumoniae	Faculte Médecine Tunis Tunisia		HP-05