

IDB2017

THE 16TH INTERNATIONAL DAYS OF BIOTECHNOLOGY

December 18th - 22nd, 2017
 Hotel Marco Polo Concorde ****

YASMINE HAMMAMET, TUNISIA



Scientific Program



Monday 18/12/2017			
9h00-15h30	Registration		
15h30	Official inauguration		
16h00	Chairmen : Prof. Chedly ABDELLY & Prof. Samir BEJAR		
	Plenary conference 1 (16h00-16h40)		
	Cf1: Prof. Samia CHARFI-KADDOUR	Valorization of research in Tunisia: Reality and Prospects	
16h40-17h00	Coffee Break		
Room 1: Plant Biotechnology (PBO1-4)			
17h10-18h15: 4 Oral communications			
Chairmen : Prof. Moez JBARA & Prof. Abdelkader BEKKI			
17h10-17h30	<i>Tc1-PBO1</i>	Darine Trabelsi	Significance of Intercropping in Cropping Systems
17h30-17h45	<i>PBO2</i>	Amel Ennajah	Association Cork oak-legume: a solution of climate change?
17h45-18h00	<i>PBO3</i>	Naouraz M'barki	Cultivar dependent impact of soil amendment with water retaining polymer on olive (<i>Olea europaea</i> L.) responses to drought stress
18h00-18h15	<i>PBO4</i>	Mariem Kammoun	Analytical techniques for quality evaluation of somatic hybrid potatoes (<i>Solanum tuberosum</i> L.) and their French-fried products
Room 2: Bioactive Molecules (BMO1-4)			
17h10-18h15: 4 Oral communications			
Chairmen : Prof. Adel SAYARI & Dr. Aristotelis XENAKIS			
17h10-17h30	<i>Tc1-BMO1</i>	Maria Chatzidaki	Comparative study of the antioxidant capacity of phenolic acids and their esters obtained by biocatalysis
17h30-17h45	<i>BMO2</i>	Anfel Benhassine	Synthesis, characterization, Antimicrobial and Antioxidant Activity of Co Complexes based on ((benz)imidazole-2yl)methanol
17h45-18h00	<i>BMO3</i>	Ikram Saadaoui	Design, synthesis and antibacterial activities of 1,2,4-triazolone derivatives containing Schiff base Formation as FabH inhibitory
18h00-18h15	<i>BMO4</i>	Zohra Dhouafli	A new purified Lawsoniaside delays A β ₄₂ aggregation and remodels Amyloid fibrils to non-toxic off pathway aggregates
18h30	Poster display & start of discussion (18h30-20h00)		
	<i>PBPI-72</i>	Plant Biotechnology	
	<i>BMPI-75</i>	Bioactive Molecules	
20h00	Dinner		

Tuesday Morning 19/12/2017			
Plenary conference 2 (9h00-9h40)			
Chairmen : Prof. Chedly ABDELLY & Prof. Ridha MHAMDI			
09h00	Cf2: Prof. Alessio MENGONI	Large-scale genome manipulation in rhizobia: evolutionary analyses and experimental evaluation of genomic interactions in bacterial multipartite genomes	
09h40	Cf3: Prof. Vincenzo LONGO	Functional properties of natural molecules present in food and halophytes: antioxidant and anti-inflammatory aspects	
Room 1: Plant Biotechnology (PBO5-8) 10h20-11h20: 4 Oral communications			
Chairmen: Prof. Radhia GARGOURI & Dr. Mohamed HAMIDI			
10h20-10h35	<i>PBO5</i>	Mariem Samet	Isolation of <i>Pseudomonas</i> bacteria from compost tea and study of their effect on potato plants growth <i>in vitro</i>
10h35-10h50	<i>PBO6</i>	Karima Oulbachir	Seasonal variations of the microbial biomass of the grounds of the Algerian steppe
10h50-11h05	<i>PBO7</i>	Olfa Dabbaghi	Olive oil quality of Chemlali variety in response to biological foliar fertilization
11h05-11h20	<i>PBO8</i>	Ameni Nasri	Large scale propagation of Myrobolan (<i>Prunus cerasifera</i>) using RITA bioreactors and ISSR analysis of derived <i>in vitro</i> plants
11h20-11h40	Coffee Break		
Room 1: Plant Biotechnology (PBO9-12) 11h50-12h55: 4 Oral communications			
Chairmen : Dr. Darine TRABELSI & Dr. Karima OULBACHIR			
11h50-12h10	<i>Tc2-PBO9</i>	Kaouthar Feki	Functional characterization of different antioxidant enzymes of two different plants species
12h10-12h25	<i>PBO10</i>	Wissal M'sehli	Genotypic variation for phosphorus deficiency tolerance in <i>Medicago truncatula</i>
12h25-12h40	<i>PBO11</i>	Mariam Charfeddine	Characterization of a novel ERF gene in potato
12h40-12h55	<i>PBO12</i>	Aymen Souid	Physiological and antioxidant responses of the sabkha biotope halophyte <i>Limonium delicatulum</i> to seasonal changes in environmental conditions
Room 2: Bioactive Molecules (BMO5-8) 10h20-11h20: 4 Oral communications			
Chairmen : Prof. Abdelkarim ABOUSALHAM & Prof. Noureddine ALLOUCHE			
10h20-10h35	<i>BMO5</i>	Messaad Moudache	Bioactive packaging
10h35-10h50	<i>BMO6</i>	Hamida Jdir	The Rocket, <i>Diplotaxis simplex</i> , as a Functional Ingredient: LC-ESI-MS Analysis and Its Effect on Antioxidant and Physical Properties of Bread
10h50-11h05	<i>BMO7</i>	Meriem Mekri	<i>In vitro</i> antimicrobial effect and mechanism of action of essential oil of <i>Inula viscosa</i> alone and in combination with bacteriocins of lactic acid bacteria against foodborn bacteria
11h05-11h20	<i>BMO8</i>	Amel Boudjelal	Wound healing activity of oleoresin of <i>Pistaciavera</i> L. and its essential oil in New Zealand white rabbits
11h20-11h40	Coffee Break		
Room 2: Bioactive Molecules (BMO9-12) 11h50-12h55: 4 Oral communications			
Chairmen : Dr. Mohamed Nejib SAIDI & Dr. Mohamed Nejib ALFEDDY			
11h50-12h10	<i>Tc2-BMO9</i>	Riadh Ben Salah	Effect of partial replacement of nitrite with a novel probiotic <i>Lactobacillus plantarum</i> TN8 on color, physico-chemical, texture and microbiological

			properties of beef sausages
12h10-12h25	<i>BMO10</i>	Marwa Chaari	Preservation of carotenoids from halophilic <i>Archaea</i> by two nanodispersions: oil-in-water (O/W) micro- and nano-emulsions
12h25-12h40	<i>BMO11</i>	Manel Ouerfelli	Effect of powdered <i>Anthyllis vulneraria</i> on the quality of raw beef patties during chilled storage
12h40-12h55	<i>BMO12</i>	Mohamed Zommiti	Probiotic Characteristics of <i>Lactobacillus curvatus</i> DN317, a Strain Isolated from Chicken Ceca
13h00	Lunch		

Tuesday afternoon 19/12/2017			
14h30-16h00	Poster discussion (continuation & end)- (14h30-16h00)		
	<i>PBPI-72</i>	Plant Biotechnology	
	<i>BMPI-75</i>	Bioactive Molecules	
16h00-16h40	Plenary conference 4 (16h00-16h40)		
	Chairmen : Prof . Adel SAYARI & Prof. Abdelkarim ABOUSALHAM		
	Cf4: Dr. Aristotelis XENAKIS	Offering suitable non-conventional media for enzymatic catalysis - Nano-biotechnology	
Room 1: Plant Biotechnology (PBO13-15) 16h50-17h35: 3 Oral communications			
Chairmen: Dr. Imen REKIK & Dr. Farah ADJEL			
16h50-17h05	<i>PBO13</i>	Héla Safi	Functional analysis of durum wheat Lipid Transfer protein (TDLTP4) promoter in <i>Arabidopsis thaliana</i> under various stress conditions
17h05-17h20	<i>PBO14</i>	Mariem Bradai	Functional characterization of durum wheat TdPP1, a type 1 protein phosphatase involved in responses to environmental constraints
17h20-17h35	<i>PBO15</i>	Dhawya Mergbi	Identification and molecular characterization of two stress associated homeologous NAC transcription factors from durum wheat
17h40-18h00	Coffee Break		
Room 1: Plant Biotechnology (PBO16-19) 18h10-19h10: 4 Oral communications			
Chairmen: Dr. Karim KADRI & Dr. Moncef BELDI			
18h10-18h25	<i>PBO16</i>	Karama Hamdi	Structural disorder and induced folding within two cereal, ABA stress and ripening (ASR) proteins
18h25-18h40	<i>PBO17</i>	Ayadi M	NHX as candidate members for grapevine genetic improvement
18h40-18h55	<i>PBO18</i>	Sana Tounsi	Characterization of two HKT1; 4 transporters from <i>Triticum monococcum</i> to elucidate the determinants of the wheat salt tolerance Nax1 QTL
18h55-19h10	<i>PBO22</i>	Sonia Mejri	Orobanche foetida resistance in two new faba bean genotypes produced by radiomutagenesis program
Room 2: Bioactive Molecules (BMO13-15) 16h50-17h35: 3 Oral communications			
Chairmen: Prof. Slim TOUNSI & Dr. Aristotelis XENAKIS			
16h50-17h05	<i>BMO13</i>	Olfa Frikha-Gargouri	Antibiosis and <i>bmyB</i> gene presence as prevalent traits for the selection of efficient <i>Bacillus</i> biocontrol agents against crown gall disease

17h05-17h20	<i>BMO14</i>	Kais Jamoussi	Antagonist effects of <i>Bacillus</i> spp. strains against <i>Fusarium graminearum</i> for protection of durum wheat (<i>Triticum turgidum</i> L. subsp. <i>durum</i>)
17h20-17h35	<i>BMO15</i>	Leila Keramane-Bakour	Statistical optimization of medium components to improve the antibiotic activity of an actinobacteria strain <i>Saccharotrix tamanrassetensis</i> isolated from a Saharan soil
17h40-18h00	Coffee Break		
Room 2: Bioactive Molecules (BMO16-19) 18h10-19h10: 4 Oral communications			
Chairmen: Dr. Kais JAMMOUSSI & Dr. Fouzia TINE-DJEBBAR			
18h10-18h25	<i>BMO16</i>	Billal Zenati	Production and characterization of a newly bioemulsifier produced by <i>Marinobacter hydrocarbonoclasticus</i> Sdk644
18h25-18h40	<i>BMO17</i>	Hela Kchaou	Enhancement of structural, physico-chemical and antioxidant properties of cuttlefish (<i>Sepia officinalis</i>) skin gelatin by Maillard reaction
18h40-18h55	<i>BMO18</i>	Leila Soua	Water soluble polysaccharide from <i>Ephedra alata</i> : Characterization, functional properties and biological activities
18h55-19h10	<i>BMO19</i>	Fatma Krichen	Structural characterization, rheological and wound healing properties of Chondroitin sulfate/Dermatan sulfate from grey triggerfish and smooth hound skins
20h00	Dinner		

Wednesday Morning 20/12/2016			
09h00	Plenary Conference 5 (09h00-09h40)		
Chairmen: Prof. Adel SAYARI & Dr. Bassem JAOUADI			
	Cf5: Prof. Abdelkarim ABOUSALHAM		Development of continuous enzymatic assays for high-throughput screening of lipase and phospholipase A inhibitors for health applications
09h40	Cf6: Prof. Michel PENNINGCKX		Technological challenges for the use of laccase for the bioremediation of micropollutants, in particular endocrine disrupters
Room 1: Plant Biotechnology (PBO20-23) 10h20-11h25: 4 Oral communications			
Chairmen: Prof. Haythem MHADHBI & Dr. Saliha ATTAB			
10h20-10h40	<i>Tc3-PBO19</i>	Imran Hammami	Inheritance of kernel morphology and resistance to <i>Puccinia coronata</i> f. sp. <i>avenae</i> in an oat landrace from Tunisia
10h40-10h55	<i>PBO20</i>	Emna Bouazizi	Differential molecular responses of pear and apple cultivars in response to <i>Erwinia amylovora</i> causal agent of fire blight disease
10h55-11h10	<i>PBO21</i>	Yaakoub Gharbi	Differential biochemical and physiological responses of two olive cultivars differing by their susceptibility to the hemibiotrophic pathogen <i>Verticillium dahliae</i>
11h10-11h25	<i>PBO23</i>	Mohamed Hamidi	Developing of a biocide to fight against <i>Thaumetopoea pityocampa</i> phytophage of Aleppo pine forests
11h25-11h45	Coffee Break		
Room 1: Plant Biotechnology (PBO24-28) 11h45-13h05: 5 Oral communications			
chairmen: Dr. Imran HAMMAMI & Dr. Laid BENDERRADJI			
11h50-12h05	<i>PBO24</i>	Dorsaf Hmidi	Hydro-priming accelerated germination process and ameliorated seedlings growth in cultivated and wild barely under salt stress
12h05-12h20	<i>PBO25</i>	Amal Bouallegue	Effects of salicylic acid and hydrogen peroxide on growth of <i>Vicia faba</i> under salt stress
12h20-12h35	<i>PBO26</i>	Basma Mabrouk	Ameliorative effects of salicylic acid on the process of organic reserve mobilization of Fenugreek (<i>Trigonella foenum-graecum</i> L) seeds germinated in the presence of Arsenic

			and Zinc
12h35-12h50	<i>PBO27</i>	Nèjia Farhat	Not only stress response but also recovery aptitude are necessary to assess drought tolerance in the halophyte <i>Cakile maritima</i> : proteomic evidence
12h50-13h05	<i>PBO28</i>	Amari Marwen	Genetic diversity analysis of <i>Avena strigosa</i> collection using a new molecular marker CDDP
Room 2: Health Biotechnology (HBO1-HBO4) 10h20-11h25: 4 Oral communications			
Chairmen: Prof. Balkiss BOUHAOUALA-ZAHAR & Prof. Asma BOUCIF			
10h20-10h40	<i>Tc1-HBO1</i>	Marwa Maalej	Clinical, Molecular, and Computational Analysis in two cases with mitochondrial encephalomyopathy associated with <i>SUCLG1</i> mutation in a consanguineous family
10h40-10h55	<i>HBO2</i>	Ghanem Mtimet	Immunoinformatics tools in designing the best probable B cell epitope-based vaccine against curli pili (MTP) adhesin of mycobacterium tuberculosis
10h55-11h10	<i>HBO3</i>	Hanen Louati	Cloning and molecular modeling of SDA α -amylase from the Tunisian scorpion <i>Scorpio maurus</i>
11h10-11h25	<i>HBO4</i>	Hayet Rafa	All Trans retinoic acid modulates TLR4 and TLR9 signaling Pathway targeting cytokines and Nitric Oxide Synthase 2 expression in colonic mucosa during Colorectal Cancer
11h25-11h45	Coffee break		
Room 2: Health Biotechnology (HBO5-HBO8) 11h50-12h50: 4 Oral communications			
Chairmen: Prof. Bouthaina MARDASSI & Prof. Mustapha DIAF			
11h50-12h05	<i>HBO5</i>	Sabrina Rekik	Protein study of recessive autosomal LGMD in the Tunisian population
12h05-12h20	<i>HBO6</i>	Sawssan Ben Romdhan	Founder effect and Berber origin of <i>PINK1</i> p.Gln456X mutation and in North African population
12h20-12h35	<i>HBO7</i>	Sana Ben Hamad Bouhamed	Hypolipidemic and antioxidant effect of feather protein hydrolysate in high-fat diet fed mice
12h35-12h50	<i>HBO8</i>	Nouha Souayed	Acute and subchronic immuno-hematotoxicity of Isoniazid (INH) with reference to circadian dosing-time in mice
13h00	Lunch		

Wednesday afternoon 20/12/2017			
14h30-16h00	Poster display & Start Posters		
	<i>HBPI-37</i>	Health Biotechnology	
	<i>EBPI-45</i>	Environmental Biotechnology	
	<i>IBPI-39</i>	Industrial Biotechnology	
16h00-16h40	Plenary Conference 7 (16h00-16h40)		
	Chairmen: Prof. Samir BEJAR & Prof. Hafedh BELGUITH		
	CF7: Prof. Ali GARGOURI	Cell death induced by P53 expression in yeast: detection and suppression	
Room 1 : Industrial Biotechnology (IBO1-3) 16h50-17h40: 3 Oral Communications			
Chairmen: Dr. Karima SRIH-BELGUITH & Prof. Tayeb IDOUI			
16h50-17h10	<i>Tc1-IBO1</i>	Yosser Zina Abdelkrim	Identification of novel leishmanicidal molecules by virtual and biochemical screenings targeting <i>Leishmania</i> Eukaryotic Translation Initiation Factor 4A

17h10-17h25	<i>IBO2</i>	Tayeb Idoui	The <i>Lactobacillus</i> strains: Screening of potential probiotics <i>in vitro</i> and <i>in vivo</i>
17h25-17h40	<i>IBO3</i>	Souhir BEN ABDESLEM	Improvement of the quality and shelf life of yoghurt by the addition of fennel essential oil
17h50-18h10	Coffee break		
Room 1: Industrial Biotechnology (IBO4-7) 18h20-19h20: 4 Oral Communications			
Chairmen: Prof. Hafedh BELGHITH & Dr. Aïda Hmida SAYARI			
18h20-18h35	<i>IBO4</i>	Mouna Jlidi	Study the probiotic potential of new strains isolated from different biotopes <i>in vitro</i>
18h35-18h50	<i>IBO5</i>	Imane Ghomari	Study of probiotic and technological properties of strains of lactic acid bacteria isolated from olives in fermentation
18h50-19h05	<i>IBO6</i>	Souhir Kmiha	Use of antimicrobial agents only or in combination with high pressure on the inactivation of three <i>Bacillus</i> spores isolated from Tunisian milk
19h05-19h20	<i>IBO7</i>	Mounia Youcef-Ali	Improvement of production of ethanol using protoplasts fusion between <i>Saccharomyces cerevisiae</i> and <i>Trichoderma</i> sp.
Room 2: Health Biotechnology (HBO9-11) 16h50-17h40: 3 Oral Communications			
Chairmen: Prof. Monia YUCEF ALI & Prof Riadh BADRAOUI			
16h50-17h10	<i>Tc2-HBO9</i>	Asma Boucif	Biotoxicity of glycol ethers: exploration of some parameters hematologic studies in rabbits following exposure to Dipropylene Glycol
17h10-17h25	<i>HBO10</i>	Riadh Badraoui	Walker 256/B malignant breast cancer cells enhanced femur angiogenesis and disrupted angioarchitecture
17h25-17h40	<i>HBO11</i>	Amel Hadj-Ziane Zafour	Preparation and characterization of complexes inclusion (metformin hydrochloride encapsulated in β -cyclodextrin)
17h50-18h10	Coffee break		
Room 2: Health Biotechnology (HBO12-15) 18h20-19h20: 4 Oral Communications			
Chairmen: Dr. Maher KHARRAT & Prof. Hacène LAREDJI			
18h20-18h35	<i>HBO12</i>	Jamila Behi	Optimization of PEGylation time reaction and molar ratio of rhG-CSF toward increasing bioactive potency of monoPEGylated protein
18h35-18h50	<i>HBO13</i>	Kheira Guenaoui	Use of GeneXpert Mycobacterium tuberculosis/rifampicin for rapid detection of rifampicin resistant Mycobacterium tuberculosis strains of clinically suspected multi-drug resistance tuberculosis cases
18h50-19h05	<i>HBO14</i>	Aisha M. A. Shahlol	Molecular and virulence factors based on capsular formation of <i>Klebsiella pneumoniae</i> from Egyptian and Libyan isolates
19h05-19h20	<i>HBO15</i>	Mohamed Douifi	Molecular detection of <i>Salmonella</i> in <i>Dermanys susgallinae</i> collected in laying hens farms
20h00	Dinner		

Thursday Morning 21/12/2017

Plenary Conference 8 (09h00-09h40)			
Chairmen: Prof. Balkiss BOUHAOUALA-ZAHAR & Prof. Ali GARGOURI			
09h00	Cf8: Dr Christophe GOZE	NMR spectroscopy, relaxometry and imaging: Development of Instrumentation, Methodologies and NanoMaterials to support Biology-Health and Plant EcoPhysiology»	
	Cf9: Pr Boutheina MARDASSI	Genetic and Genomic Insights Into the Natural Evolution of Mycoplasma Infections	
Room 1: Industrial Biotechnology (IBO8-11)			
10h20-11h25: 4 Oral communications			
Chairmen: Prof. Ali GARGOURI & Dr. Mamdouh BEN ALI			
10h20-10h40	<i>Tc2-IBO8</i>	Rihab Ameri	Metagenomic clones involved in the degradation of plant cell wall from the fecal microbiota of dromedary
10h40-10h55	<i>IBO9</i>	Sahar Trabelsi	Expression of <i>Aspergillus Oryzae</i> S2 amylase in <i>Pichia pastoris</i>
10h55-11h10	<i>IBO10</i>	Madiha Bouali	Acne strain Staphylococcus epidermidis: Expression and biochemical characterization of active lipase fragment
11h10-11h25	<i>IBO11</i>	Sawssan Neifar	Cloning, purification and characterization of a thermo-stable xylose isomerase class II from the thermophilic anaerobic bacterium <i>Caldicoprobacter algeriensis</i> TH7C1 ^T
11h25-11h45	Coffee break		
Room 1: Industrial Biotechnology (IBO12-14)			
11h50-12h35: 4 Oral communications			
Chairmen: Dr. Salem Shamekh & Dr. Riadh BEN SALAH			
11h50-12h05	<i>IBO12</i>	Rania Bredai	Biochemical and molecular characterization of an alkaline lipase from <i>Bacillus licheniformis</i>
12h05-12h20	<i>IBO13</i>	Maroua Omrane Benmrad	A new acido-resistant serine alkaline protease produced by a white rote fungi <i>Pleurotus sajor caju</i> strain CTM10057 with industrial interest
12h20-12h35	<i>IBO14</i>	Sondes Mechri	Statistical optimization of production, purification, and characterization of a detergent-stable protease from <i>Lysinibacillus fusiformis</i> strain C250R
Room 2: Environmental Biotechnology (EBO1-4)			
10h20-11h25: 4 Oral communications			
Chairmen: Dr. Bassem JAOUADI & Prof. Hassib BOUALLAGUI			
10h20-10h40	<i>Tc1-EBO1</i>	Amel Bouanane-Darenfed	Reclassification of <i>Acetomicrobium faecale</i> as <i>Caldicoprobacter faecalis</i> comb. nov.
10h40-10h55	<i>EBO2</i>	Mouna Dammak Mezghani	Fatty acids profile evaluation of <i>Tetraselmis</i> sp. microalga under the influence of salinity, light intensity and pH
10h55-11h10	<i>EBO3</i>	Rym Salah	Isolation and Characterization of Bacterial Strains Capable of Growing on Malathion and Fenitrothion
11h10-11h25	<i>EBO4</i>	Zidane Branes	Biodegradation of Hydrocarbons by Autochthonous Hydrocarbonoclastics bacteria isolated from the East-Algerian Littoral
11h25-11h45	Coffee break		
Room 2: Environmental Biotechnology (EBO5-8)			
11h50-12h50: 4 Oral communications			
Chairmen: Dr. Christophe GOZE & Dr. Imen KHOUNI			
11h50-12h05	<i>EBO5</i>	Salwa Harzalli Jebara	Phytoremediation of cadmium contaminated soils by using <i>Sulla coronaria</i>

			inoculated by cadmium resistant plant growth promoting rhizobacteria
12h05-12h20	<i>EBO6</i>	Djaber Tazdaït	Biodegradation of Glyphosate with Indigenous Unacclimated Activated Sludge in Batch Mode
12h20-12h35	<i>EBO7</i>	Ghofrane Louhichi	Application of response surface methodology (RSM) to optimize coagulation/flocculation process for vegetable oil refinery wastewater treatment using Box–Behnken design
12h35-12h50	<i>EBO9</i>	Neila Achouri	Characterization of liver oils from three species of sharks collected in Tunisian coasts: <i>In vitro</i> digestibility by pancreatic lipase
13h00	Lunch		

Thursday afternoon 21/12/2017			
14h30-16h00	Discussion des Posters-suite & fin- (14h30-16h00)		
	<i>HBPI-37</i>	Health Biotechnology	
	<i>EBPI-45</i>	Environmental Biotechnology	
	<i>IBPI-39</i>	Industrial Biotechnology	
Room 1: Environmental Biotechnology (EBO9-13) 16h00-17h20: 5 Oral Communications			
Chairmen: Dr. Ahmed ALOULOU & Dr. Amel BOUANANE-DARENFED			
16h00-16h20	<i>Tc2- EBO8</i>	Nadia Kharrat	Eco-friendly degreasing processes of sheep skins and hides: potential application of a yeast lipase in leather industry
16h20-16h35	<i>EBO10</i>	Nesrine Lenchi	Biodiversity of halophilic bacteria in Algerian salt lake: source of hydrolase and biosurfactants
16h35-16h50	<i>EBO11</i>	Bassem Jaouadi	Physical and enzymatic properties of new dye-decolorizing heme peroxidases from the white-rot fungi for lignin and textile-dyes biodegradation
16h50-17h05	<i>EBO12</i>	Tellache Slimane	Status of the organic carbon of the perimeter of Ksob (M'sila Algeria), influence of land use
17h05-17h20	<i>EBO13</i>	Imen Kacem	Adsorption of Congo red from aqueous solutions using almond shell: Kinetic and equilibrium study
17h20-17h40	Coffee break		
20h00	Dinner		
21h00	Musical animation & Poster awards		

Friday Morning 22/12/2017	
9h00	Discussion & Closure
11h00	Departure