



Time	Session	Participant/ Speaker	Affiliation	Title of e-poster/Oral	Moderator(s)
10h00-12h00	Climate Change	Yassine Ramzi SGHAIER Syrine MOSLAH Ines GASMI Olivier POIVRE D'ARVOR	Regional Activity Centre for Specially Protected Areas (RAC/SPA), (Tunisia) Association Tunisienne de la Vie Sauvage (Tunisia) Next Einstein Forum ambassador (France) Ambassador of France in Tunisia 2016-2020		Mohamed Jemà : YTRB organizing members, Founder & CEO / Learn to Win, Cell Biology and Consulting in science related jobs (Tunisia)
12h00-13h00	Break				
13h-13h30	<b>Opening</b>				YTRB organizing members: 1) Hana Trigu : Microbiologist, water research (Canada) 2) Alif Chebbi : Postdoctoral fellow, Dep. of Civil, Environmental, Architectural Engineering, and Mathematics University of Brescia (Italy)
13h30-14h30	Plenary	Liana FATTORE	Institute of Neuroscience IN-Cagliari (Italy)	Pleasure Center of the Brain: How Drugs and Sex impact on it	1) Azza Sellami : YTRB organizing member, Postdoctoral fellow, Neurosciences, Bordeaux 2 University (France) 2) Nathalie Macrez : Lab director, Laboratoire de Signalisation et Interactions Cellulaires", Bordeaux 2 University (France)
14h35-14h50	Oral communication Session 1	Atieh Sadat ABEDIN DO	Laval University (Canada)	RAR-related orphan receptor A as the new candidate target gene for migraine disorder	1) Azza Sellami : Postdoctoral fellow, Neurosciences, Bordeaux 2 University (France) 2) Nathalie Macrez : Lab director, Laboratoire de Signalisation et Interactions Cellulaires", Bordeaux 2 University (France)
14h55-15h10		Raja REZG	Higher Institute of Biotechnology of Monastir (Tunisia)	Modulation of orexigenic and anorexigenic peptides gene expression in hypothalamus, after exposure to bisphenol S in mice	
15h15-15h30		Zied ZARAI	Higher Institute of Biotechnology of Sfax (Tunisia)	Characterization of monoacylglycerols and diacylglycerols rich in polyunsaturated fatty acids produced by hydrolysis of <i>Mustelus mustelus</i> liver oil catalyzed by an immobilized bacterial lipase	
15h35-15h50		Tazi NEFTAHA	Laval University, Faculty of medicine (Canada)	Comportement de <i>Candida albicans</i> en présence de condensé de fumée de cannabis et de stressés	
15h55-16h05	Break				
16h10-16h15	E-poster Session 1: Medical and Environmental Biotechnology, Epidemiology	Nesrine AISSA	National Institute of Agronomic Research of Tunisia (Tunisia)	Morphological and Leaf traits of sorghum as indicators of optimal water use.	1) Hana TRIGUI : YTRB organizing member, Microbiologist, Water research, Polytechnique Montréal (Canada) 2) Chamseddine Kifagi : YTRB organizing member, Researcher, Tekniske Universitet: Lyngby (Denmark)
16h20-16h25		Ines TRABELSI	Higher Institute of Biotechnology of Monastir (Tunisia)	Isolément et identification d'une souche <i>Streptomyces</i> sp. D59, productrice de daidzéine	
16h30-16h35		Sana KHEDHRI	Faculty of Sciences of Bizerte, University of Carthage (Tunisia)	Phytochemical studies on the variability of <i>Pinus pinaster</i> Aiton essential oils and the evaluation of their biological activities	
16h40-16h45		Abdelbasset BOUBAKRI	Institute of Plant Sciences, University of Bern (Swiss)	<i>Allium roseum</i> L. extract inhibits amyloid beta aggregation and toxicity involved in Alzheimer's disease	
16h50-16h55		Ansar ALI	Institute of Plant and Microbial Biology, Academia Sinica (Taiwan)	Homeodomain like protein regulate genome organization and cell cycle	
17h00-17h05		Mariam AYADI	Center of Biotechnology of Sfax (Tunisia)	Grapevine chloride channels as candidate members for genetic improvement	
17h10-17h15		Mohamed Taieb BOUTERAA	Center of Biotechnology of Sfax (Tunisia)	Identification and characterization of GASA genes family from <i>Triticum turgidum</i> ssp. <i>durum</i>	
17h20-17h25		Maroua GDOURA	Faculté des Sciences de Sfax (Tunisia)	Isolation, Characterization of Bacteriophages and their Application to Prevent or Eradicate <i>Bacillus cereus</i> Biofilm Formation in Stainless Steel Surface	
17h30-17h35		Babatunde KAREEM	International Institute of Tropical Agriculture (IITA) (Nigeria)	Effects of methods and ages of seedlings transplanting on growth and yield of tomato ( <i>Solanum lycopersicum</i> L.)	
17h40-18h40		Networking session: Non-academic carrier	Olfa KILANI Khaled HACHED Nesrin BEN SALEM	CEO / Kyto-Prod (Tunisia) COO / Founder MT-act (France) Regional Product Manager bioMérieux-Africa	



Program  
Friday, May 21, 2021

Time	Session	Participant/ Speaker	Affiliation	Title of e-poster/Oral	Moderator(s)
10h00-10h05	E-poster session 2: Medical and Environmental Biotechnology, Epidemiology	Lynda Sabrina OUNACEUR	University Badji Mokhtar , Annaba (Algeria)	Beneficial effects of aqueous extract of <i>Syzygium aromaticum</i> (clove) concerning renal in an experimental asthma model	1) Alif CHEBBI : YTRB organizing member, Postdoctoral fellow, Dep. of Civil, Environmental, Architectural Engineering, and Mathematics University of Brescia (Italy) 2) Skander HATHROUBI : YTRB organizing member, Research Assistant, Microbiology, Humboldt-Universität zu Berlin (Germany)
10h10-10h15		Marwa GHARIANI	Faculty of sciences of Sfax (Tunisia)	The possible alleviating effect of algal polysaccharides against Flupyradifurone-Induced Reprotoxicity in Adult Male rats: Histological, Biochemical, and Molecular study	
10h20-10h25		Yasmine REBAI	Pasteur Institute of Tunis (Tunisia)	A Probiotic-Based Approach to Reverse Intestinal Fungal Overgrowth	
10h30-10h35		Soussens BEN-ABDALLAH	Faculty of Sciences of Tunis El Manar (Tunisia)	Potential antioxidant and protective factors of <i>Narcissus tazeta</i> against cadmium-induced hepatotoxicity in Swiss albino mice	
10h40-10h45		Anissa HADDAR	Higher Institute of Biotechnology Sfax (Tunisia)	Rheological and Thermal Properties of Levan from <i>Bacillus mojavensis</i>	
10h50-10h55		Assaad SILA	National School of Engineers of Sfax / Faculty of Sciences of Gafsa (Tunisia)	Protein-phenolic fraction generated from pistachio by-products	
11h00-11h05		Surayya MUSTAPHA SALIM	Bayero University, Kano (Nigeria)	Harnessing the Bioremediation Potential of <i>Periconiella</i> spp. for a Safer Biomedical Waste Management	
11h10-11h15		Ferjani DHAOUADHI	National Center for Nuclear Sciences and Technologies (Tunisia)	Plant extracts, toxicity, antioxidant activity; Biotechnology (Medical, Vegetal and Environmental); Essential oils of Tunisian <i>Eucalyptus</i> species: photochemical study and evaluation of their antioxidant activity and toxicity	
11h20-11h25		Habiba KOUKI	Faculty of Sciences of Bizerte (Tunisia)	Chemical composition and biological activities of essential oils obtained from three species belonging <i>Eucalyptus</i> genus	
11h30-11h35		Sabrina BALTI	Faculty of Sciences of Bizerte (Tunisia)	Antifungal activity screening of rhizospheric bacteria	
11h40-11h45		Asmaa KOUIDER ELOUAHED	Hassiba Benbouali University of Chlef (Algeria)	Characterization of bacteria forming biofilm in the dairy industry	
11h50-11h55		Hajer BOUGATEF	National Engineering School of Sfax (Tunisia)	Structural characterization, antioxidant and antihypertensive activities of polysaccharides extracted from Baobab fruit pulp	
12h00-13h00	<b>Break</b>				
13h00-14h00	Plenary	Andrea FRANZETTI	Università degli Studi di Milano-Bicocca, Milan (Italy)	Monitoring and enhancing contaminant biodegradation in polluted and pristine (or supposed to be) environments	1) Alif CHEBBI : Postdoctoral fellow, Dep. of Civil, Environmental, Architectural Engineering, and Mathematics University of Brescia (Italy) 2) Sami MNIF : Associate professor, Laboratory of Molecular and Cellular Screening Processes, Centre of Biotechnology of Sfax (Tunisia)
14h-14h10	<b>Break</b>				
14h10-14h25	Oral communication Session 2	Wafa RIBA	Faculty of sciences of Tunis el Manar (Tunisia)	Enzymatic extraction of chitin from the invasive crab <i>Libinia dubia</i>	1) Alif CHEBBI : Postdoctoral fellow, Dep. of Civil, Environmental, Architectural Engineering, and Mathematics University of Brescia (Italy) 2) Sami MNIF : Associate professor, Laboratory of Molecular and Cellular Screening Processes, Centre of Biotechnology of Sfax (Tunisia)
14h30-14h45		Mariam HAMED	National School of Engineers of Sfax (Tunisia)	Physical and textural properties of cookies enriched with polysaccharides extracted from pistachio by-products	
14h50-15h05		Jihen ELLEUCH	National School of Engineers of Sfax (Tunisia)	Production optimisation and partial characterisation of extracellular protease secreted by <i>Arthrospira platensis</i>	
15h10-16h10	Plenary	Steve CHARETTE	Laval University, Institut de biologie Intégrative et des systèmes (Canada)	Persistence of bacterial pathogens: antibiotic resistance and bacterial camouflage by protozoa	1) Hana TRIGUI : YTRB organizing member, Microbiologist, Water research, Polytechnique Montréal (Canada) 2) Skander HATHROUBI : YTRB organizing member, Research Assistant, Microbiology, Humboldt-Universität zu Berlin, (Germany)
16h10-16h15	<b>Break</b>				
16h20-16h35	Oral communication Session 3	Sahra FONSECA	Héna-Québec and Laval University (Canada)	Antibacterial Activity of a SiO <sub>2</sub> Nanoparticle Coating to Improve Blood Product Safety	1) Hana TRIGUI : YTRB organizing member, Microbiologist, Water research, Polytechnique Montréal (Canada) 2) Skander HATHROUBI : YTRB organizing member, Research Assistant, Microbiology, Humboldt-Universität zu Berlin, (Germany)
16h35-16h50		Zayneb CHAABENE	Faculty of Sciences of Sfax (Tunisia)	Gene expression profiling of <i>Phoenix dactylifera</i> L. under copper stress	
16h50-17h05		Nour CHIAB	National School of Engineers of Sfax (Tunisia)	Evaluation of safety of potato tubers from transgenic plants over-expressing <i>SiORE1</i> transcription factor	
17h10-17h20		Mariem SOUSSI	Faculty of Pharmacy, Monastir (Tunisia)	Molecular characterization of Tunisian local pear cultivars <i>Pyrus communis</i> L. using SSR marker: Implication for conservation	
17h20-18h20	Plenary	Sophien KAMMOUN	Sainsbury Lab (UK)	Plant-microbe interactions, Genomics, Oomycetes	1) Rim HAMZA (Postdoctoral fellow, molecular biology, microbiology and plant physiology, IBMCP (Spain) 2) Walid ELFALLEH (Associate professor, Higher Institute of Applied Sciences and Technology of Gabes (Tunisia)
18h20-18h30	<b>Break</b>				
18h30-19h30	Networking session: Academic carrier	Sophien KAMMOUN	Sainsbury Lab, UK		1) Radhouene Doggui : YTRB organizing members, Postdoctoral Fellow, Sherbrooke University, Public Health and Nutrition 2) Rabeb Dhoubi (Researcher (Molecular Microbiology and Biotechnology, University of Queensland Australia)
	Jauad EL KHARRAZ	WECEN (France) and from 2015-2020, Group Leader- Middle East Desalination Research Center, Muscat (Oman)			
	Steve CHARETTE	Laval University (Canada)			
	Florent MOUJÈRE	UMC Amsterdam (Netherlands)			



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10h00-10h05	E-poster session 3: Medical and Environmental Biotechnology, Epidemiology	Amira TAGUIDA	Université des frères Mentouri Constantine 1 (Algeria)	Epidemiological, pathological study and immunohistochemistry of breast cancer in women	1) Houcemedline Othman : Postdoctoral fellow, Bioinformatics, Sydney Brenner Institute for Molecular Bioscience, Wits University of the Witwatersrand (South Africa) 2) Hedja Tnani : Data Science, Biostatistics, PostDoctoral Research Scientist at Pasteur Institute of Tunis, Co-Founder & Co-Organizer at R-Ladies Tunis (Tunisia)	
10h10-10h15		Rima BENATOU	Badji-Mokhtar (Algeria)	The effect of ginseng on stressed female rats		
10h20-10h25		Aida KARRAY	National School of Engineers of Sfax (Tunisia)	Hydrolysis of three different head groups phospholipids by chicken group V phospholipase A2 using the monomolecular film technique		
10h30-10h35	Rim EL JENI	Pasteur Institute of Tunis (Tunisia)	Probiotics in freshwater fishes: genomic analysis			
10h40-10h45	Hana TRIKI	Center of Biotechnology of Sfax (Tunisia)	Combined evaluation of CD155 immune checkpoint expression status and Tumor Infiltrating Natural Killer cells reveals an important role in the prognosis of breast neoplasia			
10h50-10h55	Rim FRIKHA	Faculty of Medicine of Sfax (Tunisia)	Functional characterization of Ala222Val MTHFR by bioinformatics and systems biology approach			
11h00-11h05	Ameni CHELLY	Institut supérieur du sport et de l'éducation physique de Sfax (Tunisia)	Association of ACTN3 R577X (rs1815739) polymorphism with sports performance: a meta-analysis			
11h10-11h15	Wael BAHIA	Faculty of Pharmacy of Monastir (Tunisia)	Contribution of ESR1 and ESR2 variants to the genetic susceptibility of idiopathic recurrent pregnancy loss			
11h20-11h25	Amari DHIFLAOUI	Faculty of pharmacy of Monastir (Tunisia)	Impact of miR-146a and miR196a2 polymorphisms on susceptibility to childhood acute lymphoblastic leukemia in the Tunisian population			
11h30-11h35	Maysa GNAÏEN	Pasteur Institute of Tunis (Tunisia)	Genotypic and Phenotypic Portrait of Candida albicans Clinical Isolates Colonizing the Airways of Patients with Cystic Fibrosis			
11h40-11h45	Maysa ABDELWAHED	Faculty of Medicine of Sfax (Tunisia)	Deletion of the NPHP1 gene in patients with juvenile Nephronophthisis			
11h50-11h55	Souhri MESTIRI	Higher Institute of Biotechnology of Monastir	Genetic diversity of the North African population revealed by the typing of SNPs in the DRD2/ANKK1 genomic region			
12h00-12h05	Karima ALEM	Badji Mokhtar university, Annaba (Algeria)	Contribution à la prédiction des interactions protéines-ligands par apprentissage automatique : cas récepteurs des chémokines			
12h15-13h00	Break					
13h00-14h00	Plenary	Florent MOULIÈRE	UMC Amsterdam (Netherlands)	Early Detection of Cancer by Decoding the Epigenetic and Environmental Cell-Free DNA		1) Aziz Tlili : Professor Associate, Genetics and Molecular Microbiology, Sharjah (United Arab Emirates) 2) Salma Ben Salem : Postdoctoral fellow, Cancer Biology, Cleveland Clinic, (USA)
14h-14h10	Break					
14h10-14h25	Oral communication Session 4	Lilia ROMDHANE	Pasteur Institute of Tunis and Faculty of Sciences of Bizerte (Tunisia)	A map of copy number variations in the Tunisian population: a valuable tool for medical genomics in North Africa	1) Aziz Tlili : Professor Associate, Genetics and Molecular Microbiology, Sharjah (United Arab Emirates) 2) Salma Ben Salem : Postdoctoral fellow, Cancer Biology, Cleveland Clinic, (USA)	
14h30-14h45		Nesrine SGHAÏER	Laboratory of Advanced technology and Intelligent Systems (Tunisia)	DNA-Binding Sites prediction using data fusion approach		
14h50-15h05		Amal SOUISSI	Center of Biotechnology of sfax (Tunisia)	Utility of Clinical exome sequencing in the diagnosis of infantile neurological diseases in Tunisian families		
15h10-15h25		Feriel BOUZID	Center of Biotechnology of Sfax (Tunisia)	Eikenella as potential oral microbiome signature associated with coronary artery disease in Tunisia		
15h30-16h30	Plenary	Imen LASSADI	Cambridge University (UK)	Histone-independent mechanism of nuclear genome maintenance	1) Chamseddine Kifagi : YTRB organizing member, Researcher, Danmarks Tekniske Universitet: Lyngby (Denmark) 2) Sadri Zhaidi : Researcher, Fungal Biology and Pathogenicity, Institut Pasteur (Tunisia)	
16h35-16h45	Break					
16h50-17h05	Oral communication Session 5	Maher SAYHI	Pasteur Institute of Tunis and University of Tunis El Manar (Tunisia)	Vancomycin-coated gold nanoparticles based electrochemical biosensor for both gram-positive and gram-negative bacteria detection	1) Fakher Frikha : YTRB organizing member, Associate professor, Biochemistry, Computer sciences, Sfax University, Engineering, Computer Science and Biology, University of Sfax (Tunisia) 2) Sameh Maktouf : Research Assistant, Nutrition, Biochemistry, Olive Institute (Tunisia)	
17h10-17h25		Atreyi GHOSH	Sister Nivedita University (India)	Study of the antibacterial activity of biosynthetically produced gold nanoparticles		
17h30-17h45		Rim OUNI	Higher Agronomic Institute of Chott Mariem Sousse (Tunisia)	Antibacterial activity of E. cardamomum essential oils against oral pathogens		
17h50-18h50	Plenary	Rayda BEN AYED	Center of Biotechnology of Sfax (Tunisia)	Agri-food products authenticity and traceability through DNA based methods: a better quality and safety	1) Fakher Frikha :YTRB organizing member, Associate professor, Biochemistry, Computer sciences, Sfax University, Engineering, Computer Science and Biology, University of Sfax (Tunisia) 2) Sameh Maktouf : Research Assistant, Nutrition, Biochemistry, Olive Institute (Tunisia)	
18h55-19h55	Closing and Awards					