

February 5

Hour	Speaker	Master	Theme	Chair	Ref
9:30 Arrival of Participants / Opening Session					
9:40	Joel Filipe Garcia Guerra	MBQ	Berries driven polyphenols-induced cytoprotection in cardiomyocytes	Ricardo Franco	5.1
9:50	Ana Bárbara de Sousa Carreira	MBT	Mechanisms underlying intracellular delivery		5.2
10:00	Aida Andreia Pereira Pires Lima	MGMB	Identifying new regulators of the actin cytoskeleton in endothelial tip cells		5.3
10:10	Diogo Lopes Poeira	MQBO	Novel synthetic strategies towards azaindoles - promising COX-2 inhibitors		5.4
10:20	Joana Raquel Afonso Gomes	MBQpS	Production and characterization of secreted exosomes		5.5
10:30	Aline Canani Viecinski	MBQ	Looking for albumin binders to increase drug bioavailability		5.6
10:40	Andreia Filipa Magalhães Seixas Lopes dos Santos	MBT	Strategies to improve drug solubility: impregnation in a thermo-responsive biopolymer		5.7
10:50	Sara Patrícia Ferreira Moreira	MGMB	Evaluation of Nrf2 activation in experimental models of Parkinson's disease		5.8
11:00 <i>Coffee Break (30')</i>					
11:30	André Miguel Correia da Silva	MBQ	Crude glycerol as substrate for biopolymers production	Margarida Castro Caldas	5.9
11:40	Cristiana Sofia Ferreira De Sousa	MBT	Enantiomer separation through biocatalysis using NADES and sc-CO ₂		5.10
11:50	Tiago Manuel da Costa Pinheiro	MGMB	Identificação de novos genes de susceptibilidade para o cancro da tiróide familiar		5.11
12:00	Ana Inês Relvinha dos Reis	MBQ	Desenvolvimento de um teste de diagnóstico rápido para a detecção de malária em amostras clínicas.		5.12
12:10	Joana Raquel Freitas Dias da Silva	MBT	Development and go-to-market strategy of veterinary clinical diagnostic tests by PCR		5.13
12:20	David Miguel Ferreira Francisco	MGMB	Genética familiar do pneumotórax espontâneo primário (PEP)		5.14
12:30	Mafalda Maria Robalo de Azevedo Aleixo Pereira	MBQ	Subtractive brain delivery of toxins		5.15
12:40	Miguel Monteiro Rosa Campos Palma	MBT	Desenvolvimento de testes de susceptibilidade a antibióticos do tipo e-tests em suportes de papel utilizando a tecnologia lab-on-paper		5.16
12:50	Carolina Correia de Figueiredo Abreu Pereira	MGMB	Single domain antibodies association to Lipid-guide drug delivery as an innovative therapeutic strategy against cancer stem cells.	5.17	
13:00 <i>Lunch Break (1h)</i>					
14:00	Lara Fidalgo	MQBO	Synthesis and Structural characterization of covalent DNA adducts formed with the vasopressin antagonist Tolvaptan	Ana Cecília Roque	5.18
14:10	Elisabeth Nelly Pires	MBQ	Estrutura do celulosoma: estudo da interação coesina-doquerina por microarrays de proteína e cristalografia de raios-X		5.19
14:20	Telma Patrícia Soares Simões	MBT	Optimization of respiratory electron transfer chains toward sustainable microbial electricity production		5.20
14:30	Inês Martins Ribeiro da Fonseca	MGMB	Unravelling the neuroprotective role of TUDCA in Parkinson's disease: targeting mitophagy		5.21
14:40	Catarina Correia da Cruz Pereira	MQBO	Quantification of Nevirapine protein adducts in HIV patients: development and validation of mass spectrometric –based method		5.22
14:50	Joana Isabel Afonso Pereira	MCG	Desenvolvimento de estruturados de frutas tropicais para aplicação em gastronomia: características físico-químicas e sensoriais e bioacessibilidade de compostos bioativos.		5.23
15:00	Tiago Filipe Do Carmo Nunes	MBQ	Caracterização da NADH-menaquinona oxidoreductase do tipo II (NDH-2) de M. tuberculosis: um novo alvo terapêutico no combate à tuberculose?		5.24
15:10	Lúisa Maria Ramos Campelo	MBT	Fishing the key biological components of the bacterium Geobacter metallireducens for optimal biotechnological applications		5.25
15:20	Maria Carlos Cortegaça da Cruz Nunes	MGMB	Modulating HMGB1 in microglia as a therapeutic strategy in neurodegenerative diseases and ageing		5.26
15:30	João Humberto Gonçalves Francisco Nogueira	MBT	Valorization of olive pomace through combination of biocatalysis and supercritical fluid technology		5.27
15:40	Sofia Miguel dos Reis Pinto da Silva	MBQ	Novel antibiotic-loaded orthopaedic bone cements: insights on drug release profiles and biocompatibility		5.28
15:50	Gabriel Magalhães	MCG	As dificuldades dos pequenos restaurantes do norte do Brasil: Um estudo de caso no Sabor & Arte na cidade de São Miguel do Guamá.	5.29	
16:00 End of the presentations					

February 6

Hour	Speaker	Master	Theme	Chair	Ref
9:30					
Arrival of Participants / Opening Session					
9:40	António João Moreira Nabais Neca	MBQ	Functional and structural characterization of conserved metalloproteins of unknown function in anaerobes: a role in the control of cell division		6.1
9:50	João Rodrigues Correia Ramos	MBT	Analysis of Metabolic Flux Distributions in Relation to the Extracellular Environment		6.2
10:00	Ana Rita Marques Lemos	MGMB	Paraoxonase-1 activity in familial hypercholesterolemia	Ricardo Franco	6.3
10:10	Micael Simões Silva	MQBO	Design bio-inspired Ionic Liquids for protein stabilisation		6.4
10:20	Tatiana dos Reis Martins	MBQpS	Guar gum-based microparticles as carriers for lung delivery of antitubercular drugs		6.5
10:30	Adriana dos Santos Falcão	MBQ	Modulators of amyloid- β aggregation: molecular mechanisms in Alzheimer's Disease		6.6
10:40	Sheila Azim Piarali	MBT	Development of process control strategies exploiting knowledge from systems biology: Application to MDCK suspension cells		6.7
10:50	Rita de Sousa Gorgulho	MGMB	Evaluation of tenofir-induced mitochondrial toxicity in the zebra-fish model.		6.8
11:00					
<i>Coffee Break (30')</i>					
11:30	Inês Filipa de Oliveira Almeida	MBQ	Fighting breast cancer using membrane-active peptides		6.9
11:40	Bruno Miguel da Silva Pedras	MBT	Valorization of green grape pomace through hot compressed water extraction/hydrolysis		6.10
11:50	Andreia Teixeira Ferreira	MGMB	Phage display as a tool for generation of bio-therapeutic agents for Breast Cancer	Ana Lourenço	6.11
12:00	Margarida Leonor Florindo Espadinha	MQBO	Targeting p53-MDM2 interaction: Design, synthesis and biological evaluation of novel MDM2 inhibitors		6.12
12:10	Katharina Santos das Dores	MBQpS	Understanding the role of supernumerary centrosomes in cancer		6.13
12:20	Tania Filipa Fernandes Santos Alves Custodio	MBQ	Staying under the radar [®] – The Multifunctional LANA Protein: Recruiting the EC5S Ubiquitin Ligase Complex		6.14
12:30	Mariana de Carvalho Ribeiro Coutinho	MBT	Desenvolvimento de um teste de diagnóstico serológico rápido para a deteção de Pneumocystis jirovecii em amostras clínicas		6.15
12:40	Sara Maria Francisco da Costa	MGMB	Alteração do epigenoma de Medicago truncatula: TALENs e CRIPR/Cas9		6.16
12:50	Margarida Gomes de Figueiredo	MQBO	Using N-Heterocyclic carbene (NHC) as a catalyst for methylene transfer reactions: Focus on amination reactions.		6.17
13:00					
<i>Lunch Break (1h)</i>					
14:00	Sandra da Fonseca Abrantes	MBT			6.18
14:10	João Medeiros Silva	MBQ	G-quadruplex ligands for cancer therapy		6.19
14:20	Mauro André de Barros Monteiro	MGMB	Optimization of production of anti-cancer vaccines based on Dendritic cells		6.20
14:30	José Manuel Rocha Pereira	MBT	Improvement of a photoautotrophic chassis robustness for Synthetic Biology applications	Paula Gonçalves	6.21
14:40	Sofia Vargas Nobre de Gusmão	MGMB	Cerebral Vasculopathy in children with sickle cell anemia - a study of genetic modulators of the disease		6.22
14:50	Rita Figueiredo Pires	MQBO	Synthesis of photoactive dendrimers for green photovoltaics		6.23
15:00	Vanessa Clemente Almeida	MBT	Dry powder formulations containing bioactive compounds from marine actinobacteria		6.24
15:10	Márcia Carina da Silva Faria	MGMB	Assinaturas génicas associadas à sobre-expressão de RAC1b: busca de novos marcadores de prognóstico em carcinoma papilar da tireóide		6.25
15:20	Maria João Quitoles de Oliveira	MBT	Plasmonic substrates for ultrasensitive surface-enhanced Raman spectroscopy: application to the detection of food toxins		6.26
15:30	Gustavo Nuno Martins Eduardo	MGMB	Impacto da estrutura cromossómica na evolução		6.27
15:40	José António Fernandes Almeida	MBT	Infection Detection in a Breath - An Artificial Nose for Microbe Detection		6.28
15:50					
End of the presentations					