



II WORKSHOP MEETING

Faculty of Sciences, 22nd February 2020

Room: A1, DQB (FC2)

Program

09h00	Reception
09h30	Welcome – António Fernando Silva
	Session_A
	Chair: Victor Morais
09h35	#RG1. Medicinal Chemistry – Fernanda Borges
09h50	#RG2. Molecular & Supramolecular Thermodynamics – João Monte
10h05	#RG3. Nanostructures & Self-Organization – Luís Santos
10h20	#RG4. Physical Analytical Chemistry & Electrochemistry – Carlos Melo Pereira
10h35	#RG5. Education, Science Communication and Society – João Paiva
10h50	Coffee Break
	Session_B
	Chair persons: Alexandra Gaspar; Gideon Tolufashe; Hugo Vieira
11h05	B.1 Carlos Fernandes The nanomaterial toolkit for neurological disorders treatment
11h20	B.2 José C. S. Costa Vapor deposition of organic-inorganic thin films for energy applications
11h35	B.3 Ana Rita Almeida Thermodynamic properties of moldy-musty contaminants of wine
11h50	B.4 Carla M. Magalhães Marine chemiluminescence as antitumor therapy with enhanced tumor-selectivity and activity
12h05	B.5 José L. Araújo Citizen science in the chemistry class: monitoring coastal water physicochemical parameters to assess students' attitudes towards chemistry
12h20	B.6 Daniel Chavarria Synthesis and structure-activity relationship study of piperine derivatives with MAO-B and P-gp inhibitory activities
12h35	Lunch (FCUP Self-Service Restaurant)
	Session_C
	Chairs persons: Patrícia González-Berdullas; Isabel Saúde
14h35	C.1 Luciano Moreira Science communication and evaluation through immersive virtual reality: contributions from I SEA project
14h50	C.2 Porkodi Kadhivel Molecularly imprinted nanoparticles produced by automatized solid-phase synthesis
15h05	C.3 Bárbara Claro; Gideon Tolufashe; António Peón López The dance of lipids and peptides - crossing experiments with MD simulations
15h20	C.4 Ana Luísa Ribeiro da Silva An overview of energetic and structural studies on key organic compounds
15h35	C.5 José Manuel Olmos Theoretical and experimental study of ion transfer processes at polarized liquid/liquid interfaces
15h50	C.6 Pedro Soares From nature inspiration to multitarget small molecules
16h05	C.7 Raquel Fonseca Amphiphile-based interfaces and self-assembled nanomaterials for diverse applications
16h20	Coffee Break
16h40	Special Session
	Chair: Renata Costa
	Individual Fellowships Marie Skłodowska-Curie and Scientific Employment Stimulus from FCT Porkodi Kadhivel; Pedro Soares; Ana Luísa Ribeiro da Silva; Luís Pinto da Silva; Maria João Matos
17h10	Closing Session – Maria das Dores Ribeiro da Silva