

Program / Programa

Time	December 4	
8:00-9:00		• Registration
9:00-10:00		• Opening session in <i>Auditorium Dionísio Gonçalves</i>
Moderator / Moderador - Auditorium Dionísio Gonçalves Isabel C.F.R. Ferreira (<i>Instituto Politécnico de Bragança</i>)		
10:00-11:00	PL-01	In-tube SPME from open tubular column (in-tube SPME-LC) to directly coupled to mass spectrometry Maria Eugênia Costa Queiroz <i>Universidade de São Paulo, Brasil</i>
11:00-11:30		• Coffee Break and panel session
Moderator / Moderador - Auditorium Dionísio Gonçalves Sílvia M. Rocha (<i>Universidade de Aveiro</i>)		
11:30-12:00	IC-01	Different Strategies Based on Micro(extraction) Followed by GC-MS/MS and LC-MS/MS for the Determination of Personal Care Products in Cosmetics and Environmental Samples Maria Llompert <i>University of Santiago de Compostela, Espanha</i>
12:00-12:30	EC-01	LCMS Technologies: Introducing the Orbitrap for Ultrahigh Resolution Exact Mass and Unequivocal ID Daniel Ettlin <i>Thermo Unicam Sistemas Analíticos</i>
12:30-14:30		• Lunch
Moderator / Moderador - Auditorium Dionísio Gonçalves Nuno Mateus (<i>Universidade do Porto</i>)		
14:30-15:00	IC-02	Back to Basics: Considerations in eco-user-friendly/cost-effective micro-extraction techniques José Nogueira <i>Universidade de Lisboa, Portugal</i>
15:00-16:30	Oral session 1A / Sessão Oral 1A	
	OC-01	A multiresidue targeting approach for pesticide detection in olive oil: the role of dual-layer solid-phase extraction based on molecular imprinting technology Raquel Garcia
	OC-02	New brush-type chiral stationary phases based on xanthone derivatives for liquid chromatography Carla Fernandes
	OC-03	Chromatographic techniques to assess the profile of biomolecules in different mycorrhizal mushroom species Filipa Reis
	OC-04	Multicolumn based liquid chromatography processes for the separation of nadolol racemates António Ribeiro
	OC-05	An expanded bed chromatography approach for improving human mesenchymal stem cells purification Ricardo Silva

OC-06 [Chromatographic analysis of biological samples using monolithic columns](#)
Marcela Segundo

Moderator / Moderador - Auditorium B

Marco Gomes da Silva (Universidade Nova de Lisboa)

15:00-16:30

Oral session 1B / Sessão Oral 1B

OC-07 [Avaliação da qualidade do ar em espaços de um edifício de ciências](#)
Sara Santos
[Engineered polymer particles for the valorization of phenolic compounds present in mixtures obtained through supercritical extraction](#)

OC-08 [Thermostability studies of oil-soluble cyanidin-3-glucoside dyes](#)
Catarina Gomes

OC-09 [Adsorption equilibrium and kinetics of CO₂, CH₄ and N₂ on zeolite BETA with different cations and SiO₂/Al₂O₃ ratio](#)
Adriano Henrique

OC-10 [Seawater degradation studies of gallic acid persulfate, a promising synthetic antifouling agent](#)
Cátia Vilas Boas

OC-11 [BeerOmics: how can advanced gas chromatography help to understand beer aroma properties?](#)
Cátia Martins

16:30-17:00

- Coffee Break + Poster session

Moderator / Moderador - Auditorium Dionísio Gonçalves

José Manuel F. Nogueira (Universidade de Lisboa)

17:00-17:30

EC-02 [Nexera UC Online SFE-SFC-MS System](#)
José Manuel Macias
 Izasa Scientific

17:30-18:00

Oral session II / Sessão Oral II

OC-13 [Phenolic composition, antioxidant and biological activities of Portuguese vine shoot from *Touriga Nacional* and *Tinta Roriz* varieties](#)
Manuela Moreira

OC-14 [Caracterização química e bioatividades de *Hibiscus sabdariffa* L.](#)
Inès Jabeur

19:30

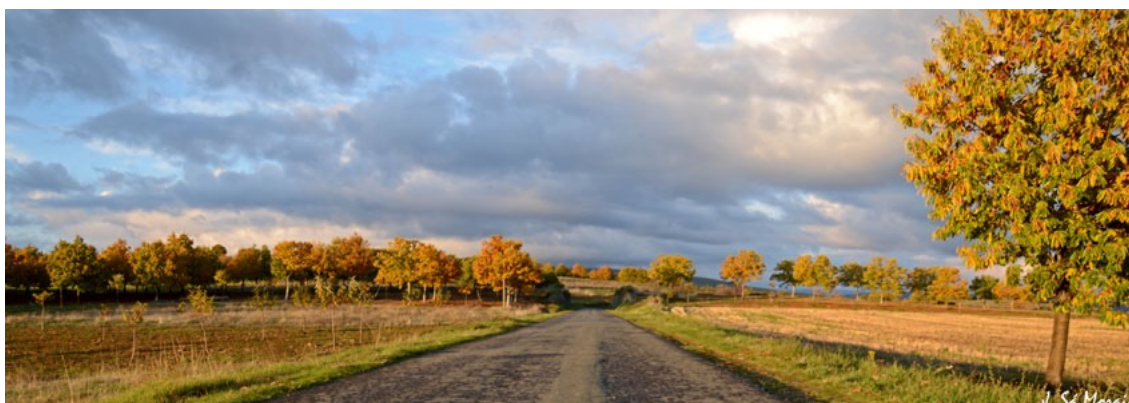
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Time	December 5
Moderator / Moderador - Auditorium Dionísio Gonçalves Marcela Segundo (Universidade do Porto)	
9:00-10:00	PL-02 Green Foodomics: new strategies towards the discovery of functional food ingredients with biological activity Elena Ibanez Institute of Food Science Research – CIAL, Espanha
10:00-10:30	IC-03 Multicolumn Continuous Countercurrent Chromatography for Downstream Processing of Biopharmaceuticals Paulo Mota University Nova de Lisboa, Portugal
10:30-11:00	• Coffee Break + Poster session
Moderator / Moderador - Auditorium Dionísio Gonçalves M. Beatriz Oliveira (Universidade do Porto)	
11:00-12:30	Oral session IIIA / Sessão Oral IIIA
OC-15	Selective capillary coatings for in-tube SPME off-line or on-line with LC-MS/MS for bioanalysis Israel Souza
OC-16	Preparative separation of nadolol racemates by fixed-bed liquid chromatography using C18 columns Rami Arafah
OC-17	Hollow fiber microextraction (HF μ E) - A new hybrid microextraction technique for trace analysis Alessandra Ide
OC-18	Tape Adsorptive Microextraction - A new analytical approach for sample enrichment Nuno Neng
OC-19	Multidimensional chromatographic techniques applied to chemical ecology Eduardo Mateus
OC-20	Síntese de fase estacionária monolítica e posterior imobilização térmica de polidimetilsiloxano (PDMS) sobre a superfície porosa para aplicação em cromatografia líquida capilar Carla Bottoli
Moderator / Moderador - Auditorium B Helena Soares Costa (Instituto Nacional de Saúde Dr. Ricardo Jorge)	
11:00-12:30	Oral session IIIB / Sessão Oral IIIB
OC-21	Permeation of caffeine, CQA and HMF from Coffee silverskin extracts on EpiSkin™ 3D model Diana Pinto
OC-22	NTME/GC-qMS: a powerful strategy for selection sets of cancer-specific VOMs with potential for cancer differentiation Priscilla Figueira
OC-23	Validation of a dSPE-HPLC methodology for the determination of biogenic amines in wines Juliana Ferreira
OC-24	Looking for new contributions in asthma biomarkers - a chromatographic-based approach José Câmara

	OC-25	Gas-chromatography mass spectrometry analysis of ¹³ C-labeled fatty acids revealed new information about the ruminal biohydrogenation of linolenic acid Susana Alves
	OC-26	Multidetetection of antibiotics in edible tissues: evolution of analytical strategies Andreia Freitas
Moderator / Moderador - Auditorium Dionísio Gonçalves M. Beatriz Oliveira (Universidade do Porto)		
12:30-13:00	EC-03	A new, fast, simple, and ultra-sensitive determination of semi-volatile organic compounds in water samples by GC-MS/MS Triple Quadrupole system Miguel Ángel Pérez Bruker Applications Development Laboratory
13:00-14:30		• Lunch
Moderator / Moderador - Auditorium Dionísio Gonçalves Victor Freitas (Universidade do Porto)		
14:30-15:00	IC-04	Polyphenols identification. Has LC-MS killed HPLC-DAD Celestino Santos-Buelga University of Salamanca, Espanha
15:00-16:30	Oral session IVA / Sessão Oral IVA	
	OC-27	Chromatographic analysis of nutritional and bioactive compounds in vegetative parts of <i>Fragaria vesca</i> L. obtained by in vitro culture Maria Inês Dias
	OC-28	Liquid by-products from canned fish industry as sources of omega-3 polyunsaturated fatty acids Ana Carvalho
	OC-29	Fingerprinting of volatome profile of lemon (<i>Citrus limonum</i>) based on a new analytical approach - NTME/GC-MS analysis José Figueira
	OC-30	Perfil fenólico e bioatividades de maçã portuguesa da variedade "Bravo de Esmolfe" Tânia Pires
	OC-31	The volatile profile for discrimination of lavender and heather honey, using solid phase microextraction and gas chromatography-mass spectrometry Soraia Falcão
	OC-32	<i>Geranium robertianum</i> L. phenolic compounds: individual characterization of stems and leaves profile Marcelo Catarino
Moderator / Moderador - Auditorium B Cristina Delerue Matos (Instituto Politécnico do Porto)		
15:00-16:30	Oral session IVB / Sessão Oral IVB	
	OC-33	Ácido 4-hidrazinobenzoico como agente derivatizante para a determinação de aldeídos por HPLC-UV e LC-MS Pedro Brandão
	OC-34	Effects of natural colourants on the fatty acids profile of different ice cream formulations Custódio Roriz
	OC-35	High Throughput Bar Adsorptive Microextraction (HT-BA μ E): A novel cost-effective tool for monitoring psychotropic drugs in biological matrices Samir Ahmad

OC-36	Caracterização do perfil fenólico de agrião por HPLC-DAD-ESI/MS e otimização da extração por alta pressão hidrostática utilizando a metodologia de superfície de resposta José Pinela
OC-37	Polyols based solvents for the extraction of phenolic compounds from <i>Juglans regia</i> L. leaves Vanessa Vieira
OC-38	Oncolytic virus purification using multi-column chromatography João Mendes
16:30-17:00	• Coffee Break + Poster session
Moderator / Moderador - Auditorium Dionísio Gonçalves Manuela Pintado (Universidade Católica)	
17:00-17:30	EC-04 Aplicações de cromatografia iónica e abordagem às técnicas de preparação em linha de amostras Susana M. M. Pereira MT Brandão Lda
17:30-18:00	Oral session V / Sessão Oral V
OC-39	Effects of e-beam irradiation on bioactive content of cherry tomatoes Joana Madureira
OC-40	Otimização da extração de antocianinas de cereja madura através da metodologia de superfície de resposta Carla Pereira
18:00-19:00	Reunião Grupo de Cromatografia SPQ /Meeting
20:00	Meeting Dinner / Jantar do Encontro



Time	December 6	
Moderator / Moderador - Auditorium Dionísio Gonçalves Manuel António Coimbra (Universidade de Aveiro)		
9:00-10:00	PL-03	Comprehensive two-dimensional liquid chromatography in food and natural products analysis Paola Dugo Università di Messina, Itália
10:00-10:30	IC-05	Separation and concentration of nutraceuticals, active compounds and essential oils from Agro-Food sources using supercritical carbon dioxide Juan Francisco Rodríguez TQUIMA, Espanha
10:30-11:00	• Coffee Break + Poster session	
Moderator / Moderador - Auditorium Dionísio Gonçalves Alírio Rodrigues (LSRE/LCM, Faculdade de Engenharia, Universidade do Porto)		
11:00-12:00	Oral session VIA / Sessão Oral VIA	
	OC-41	Efeito da radiação gama e feixe de eletrões na concentração de ergosterol em <i>Agaricus bisporus</i> (J.E. Lange) Imbach Ângela Fernandes
	OC-42	Optimization of the extraction of triterpenes from <i>Ganoderma lucidum</i> Miguel Angel Prieto
	OC-43	Unveiling the chemical composition of willow added-value lipophilic extractives by gas chromatography-mass spectrometry Patrícia Ramos
	OC-44	Application of anti-hail net in apple orchards: effects on fruits chemical characteristics Carlos Gomes
Moderator / Moderador - Auditorium B José Câmara (Universidade da Madeira)		
11:00-12:00	Oral session VIB / Sessão Oral VIB	
	OC-45	Characterization of the volatile composition of encapsuled coffee Daive Mendes
	OC-46	Increased productivity in impurity profile characterization of innovative pharmaceuticals João Pereira
	OC-47	Characterization of phospholipids, including plasmalogens, in bivalves of the Portuguese coast using solid-phase extraction followed by gas-liquid chromatography Rui Bessa
	OC-48	Characterization and Identification of Four Essential Oils by GC-MS Ana Marques
Moderator / Moderador - Auditorium Dionísio Gonçalves Luís Pais (Instituto Politécnico de Bragança)		
12:00-12:30	EC-05	Successful generic approaches for heartcutting 2DLC with focus on user friendliness Isabelle François Waters
12:30-13:00	Closing Session / Sessão de Encerramento	