

POSTER COMMUNICATIONS

- P1 -** Ultrasound-assisted extraction of polycyclic aromatic hydrocarbons in canned fish products
Cristina Soares
- P2 -** Assessing iodine status and dietary sources in northern Portugal: addressing potential deficiencies
Ana Machado
- P3 -** The correlation between serum non-transferrin-bound iron levels and albumin glycation.
André M. N. Silva
- P4 -** GC-FID as a complementary tool to understand fatty acids' role in cellular antioxidant activity – a pathway towards understanding iROS production in cells exposed to essential oils for cosmeceutical applications
Eduardo Costa
- P5 -** ATR-FTIR Analysis of Thermoplastic Rubber Plates Containing Food Byproduct Particles: effect of particle size and production
Sara Silva
- P6 -** SE-HPLC as a tool to guide the production of novel peptide fractions for textile application
Teresa Bonifácio-Lopes
- P7 -** Antioxidant activity and total phenolic content of different extracts from delipidified olive oil pomace
V.F.R. Martins
- P8 -** Antioxidant activity and total phenolic content of mixed apple and ginger pomace
V.F.R. Martins
- P9 -** Analysis of plant-based beverages using attenuated total reflectance fourier-transform infrared spectroscopy (atr-ftir) associated with principal component analysis (pca)
Anna Luiza Bizerra de Brito

- P10 -** Printed electronics on paper-based platforms for electrochemical detection of pharmaceuticals
Isabel Seguro
- P11 -** Carbon nanoparticles in microfluidic paper-based analytical systems: advantages and applications
João Prior
- P12 -** Monitoring emerging contaminants: validated method for trace amounts of brominated flame retardants in canned fish products
Cristina Soares
- P13 -** Analytical characterisation of religious simulacra: the case study of saints martian, vitoria, and eleonora in portugal
Joana Palmeirão
- P14 -** Elisa as a methodology to evaluate seasonal and spatial occurrence of pharmaceuticals in surface waters
Carla Patrícia Silva
- P15 -** Combining targeted and untargeted mass spectrometry to identify biomarkers of the health-to-disease transition
Luisa Barreiros
- PYS1 -** Investigating the impact of oxygen on cyp3a4 enzyme catalytic cycle by electrochemical driven metabolism
Carina S. P. Vieira
- PYS2 -** Variability in *Listeria monocytogenes* susceptibility to benzalkonium chloride
Catarina Ferreira
- PYS3 -** The potential of tuna bone char as a sorbent material for pharmaceuticals removal from wastewaters
Catarina Miranda
- PYS4 -** Effect of oxygen functionalization of brewery waste activated carbon for the removal of antibiotics from wastewater
Érika M. L. Sousa

- PYS5 -** In situ silk fibroin conformational change using an coaxial-printing strategy for knee meniscus replacement
Francisco A. P. Rodrigues
- PYS6 -** Impact of nitrite reduction on the technological evaluation of cooked porked ham
Maria João Nunes
- PYS7 -** Customized decellularization protocol of rabbit dermal matrix for tissue engineering applications
Marta Rosadas
- PYS8 -** Unlocking the Potential of Montesinho's Wild Mushrooms: Controlled Cultivation for Quality and Nutrition
Matilde Rodrigues
- PYS9 -** Beyond Byproducts: Exploring the Abundance of Legume Phytochemicals and the potential within their Hulls
Rafael D. C. Duarte
- PYS10 -** Indirect evidence of microbial modulation induced by encapsulated *A. Muciniphila*
Rita Vedor
- PYS11 -** (Fe)rtilizing plants: Iron monitorization in hydroponic and soil cultur
Tânia Moniz
- PYS12 -** Photocatalytic efficiency of novel magnetic nanoparticles, carbon quantum dots and tio₂ composites for the removal of antibiotics from water
Valentina Silva
- PYS13 -** ATR-FTIR as a high throughput tool for quick screening of lipolysis in 3T3-L1 adipocytes
Manuela Machado
- PYS14 -** On the Signal Transformation for Palladium Voltammetric Analysis in the Environment: Optimization and Application
Maria Jeremias
- PYS15 -** Development of a microfluidic paper-based sensor for aluminium assessment in water for domestic consumption
Juliana I. S. Aguiar

- PYS16 -** Integration of synthesis and analysis in a lab-on-valve system for silver nanoparticles-based creatinine determination
Oliwia Świerczyna
- PYS17 -** Method development for the quantification of metals in firefighters wipe samples
Gabriela Sousa
- PYS18 -** Validation of an analytical method for the determination of antidepressants in wastewater using SPE and GC-MS/MS
Gonçalo Catarro
- PYS19 -** Waste-based magnetic activated carbon in the removal of PFAS from effluent water
Diogo Pereira
- PYS20 -** Development of an analytical methodology for fluoxetine extraction and quantification in sediments
Joana Fernandes
- PYS21 -** Metal ions retention: polymer inclusion membrane as sorbent material
Maria M. P. Melo
- PYS22 -** Silica-based porous materials for the adsorption of hormones from water
Tiago Morais
- PYS23 -** ELISA quantification of pharmaceuticals in toxicological assessments
Ângela Almeida
- PYS24 -** Chromatographic analysis of vetiver essential oil cultivated by hydroponics and conventional agriculture using GC-MS
Beatriz Andrade dos Santos
- PYS25 -** Using a smartphone as dual-purpose detector for lithium determination
Karol Kubacki
- PYS26 -** Fluorimetric determination of tobramycin using a smart portable device
Karolina Mermer
- PYS27 -** Monitoring β -blockers in biological and environmental matrices using bar adsorptive microextraction (BA μ E)
Mariana F. Mendes

- PYS28** - Development of a methodology to analyze fire-released pollutants in chewing gum
Pedro Almeida
- PYS29** - Implementation of a spe-hplc-dad procedure to collect and analyse volatile organic compounds
Raquel Torres Fernandes
- PYS 30** - NIR and MIR metabolic effects of yerba mate clone's selections through acomdim under seasonal and geographic cultivation
Gustavo Galo Marcheafave
- PYS 31** - Eletrospun nanofiber dopped with TiO₂ and carbon quantum dots for the photodegradation of amoxicillin
Valentina Silva
- PYS 32** - Comparative study of extraction techniques for ayahuasca compounds
Gonçalo Catarro
- PYS 33** - Optimisation of gentamicin determination method using smartphone-based detection
Karol Kubacki
- PYS 34** - Screening and quantification of plasticizes in mussels by LC-HRMS
Abdelrahman Khaled Fouad Elrawy
- PYS 35** - Detection of non-regulated saxitoxin analogues in mussels by LC-HRMS
Ma. Llorina Rañada-Mestizo