



XXVIII Transfrontier Meeting on Sensors and Biosensors (TMSB 2024)

List of Posters

PC 01	Jennifer Marfà (UAB) Integration of molecularly imprinted polymers into paper-based nucleic acid lateral flow platforms for enhanced multiplexed point-of-need diagnostics
PC 02	Alexandros Lazanas (ICIQ) Coupled size-exclusion and electrocatalytic activity of CuO QDs functionalized porous silicon electrodes directly used in human saliva
PC 03	Rafael C. Hensel (UAB, USP) Laser-induced graphene electrodes for wearable sweat sensors
PC 04	Xavier Cetó (UAB) Inkjet-printed sensor array for the simultaneous detection of drugs of abuse adulterants
PC 05	Jaume Reverté (IRTA) The BLUESHELLFISH project: Combination of toxicological and structural-recognition data for ciguatera risk assessment
PC 06	Maria Trachioti (ICIQ) Development of 3D-printed micropillar-based electrochemical sensors
PC 07	Eva Arasa-Puig (UAB) Microanalyzer for pH determination in wine
PC 08	Marta Meneghello (UPVD) Development of a biosensor to detect cellular heterogeneity during fermentation
PC 09	Laia Garrido Carretero (UAB) Towards the industrialization of disposable biomedical devices for at-home use
PC 10	Laia Garrido Carretero (UAB) Disposable device for at-home alanine blood monitorization for controlling mitochondrial diseases
PC 11	Fearghal O'Connor (URV, ICIQ) Porous silicon-based sensor to detect and monitor biofilm growth
PC 12	Martina Tolós (IRTA) Visual test for the detection of γ -glutamyl transpeptidase in calf serum
PC 13	Antonio Calvo-López (IRSJD) Characterization of microfluidic platforms for their application in assisted reproduction processes
PC 14	Antonio Calvo-López (IRSJD) Cadmium monitoring using automated microanalyzers in the hydrometallurgical production of zinc
PC 15	Antonio Calvo-López (IRSJD) Cobalt monitoring in the hydrometallurgical production of zinc using an automated spectrophotometric microanalyzer
PC 16	Olga Melisidou (UAB) Evaluating the capability of pentamethincyanines as bactericides



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PC 17	Melania Mesas (UAB) Traffic light-based point-of-care test for the rapid stratification of fever syndromes
PC 18	Julio Bastos-Arrieta (UB) The evolving landscape of electroanalysis at the University of Barcelona
PC 19	Ambbar Aballay-González (UdeC) Detection of saxitoxin using an immunodetection tool based on magnetic beads
PC 20	Yudong Bian (UAB) Biochar based sustainable electrochemical screen-printed carbon sensors for environmental analysis: a perspective approach
PC 21	Rosanna Rosi (UAB) <i>In-vitro</i> diagnostic test based on exosomes for early diagnosis of Alzheimer's disease and risk stratification of patients
PC 22	Marianna Rossetti (ICN2) Graphene-based nanomaterials integration with bioreceptors for enhanced point-of-care diagnostics and environmental sensors
PC 23	Nerea de Mariscal-Molina (ICN2) Point-of-care haemoglobin detection for anaemia diagnosis
PC 24	Davi de Farias (ICN2, USP) Aptamer-based Inkjet-printed nanostructured biosensors for real-time environmental monitoring of antibiotics

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