

TEMAS DE TRABAJO FIN DE MÁSTER - Curso 2024-2025

(aprobado CCA 17/07/2024)

	PROFESOR/A tutor/a	Título del trabajo fin de máster
1	Carlos Martí Gastaldo	Cooperative discrimination of enantiomers in transformable chiral stationary phases
2	Emilio Pardo Marín José Manuel Herrero Martínez	Metal-organic frameworks as efficient adsorbents of emerging pollutants.
3	Juan Peris Vicente	Determination of drugs by micellar liquid chromatography
4	José Vicente Ros Lis Jamal el Haskouri	Sensors and nanomaterials I
5	José Vicente Ros Lis Jamal el Haskouri	Sensors and nanomaterials II
6	Yolanda Moliner Martínez Carmen Molins Legua	Analytical strategies for biomarkers
7	Neus Jornet Martínez Rosa Herráez Hernández	Multianalyte devices
8	Neus Jornet Martínez Rosa Herráez Hernández	Analysis of drugs
9	José Ramón Torres Lapasió Juan José Baeza Baeza	Comparison of retention models for global predictions in chromatographic columns of different nature.
10	Daniel Gallart Mateu Francesc A. Esteve Turrillas	Determination of psychoactive substances in wastewater
11	David Pérez Guaita Francesc A. Esteve Turrillas	Metabolism of emerging mycotoxins
12	Olga Pardo Marín Salvador Garrigues Mateo	Determination of per and polyfluoroalkyl substances in food using liquid chromatography-tandem mass spectrometry
13	Olga Pardo Marín Salvador Garrigues Mateo	Determination of haloacetic acids in drinking water by liquid chromatography-tandem mass spectrometry
14	Ángel Sánchez Illana Miguel de la Guardia Cirugeda	Multimodal spectrometric characterization of fuel samples
15	Ángel Morales Rubio Sergio Armenta Estrela	Development of analytical devices for the determination of synthetic and natural cannabinoids
16	Ángel Morales Rubio Marisa Cervera Sanz	X-ray fluorescence determination of micronutrients in plants
17	Marisa Cervera Sanz Sergio Armenta Estrela	Determination of contaminants in food
18	M ^a Jesús Lerma García	Determination of toxins in foods using affinity 3D-printed extraction devices
19	María Vergara Barberán	Development of 3D-printed devices modified with metal-organic frameworks for the analysis of emerging pollutants
20	Enrique Javier Carrasco Correa	Evaluation of bioparameters using 3D-printed systems

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21	Miriam Beneito Cambra	Development of aptasensors on low cost platforms
22	Ernesto Francisco Simó Alfonso	Development of sensors for food control
23	José Manuel Herrero Martínez Jorge González García	Use of aptamer for toxins recognition and biophysical quantification of aptamer-like structures using optical probes
24	Yolanda Martín Biosca Salvador Sagrado Vives	A study on chromatographic retention and enantioresolution of chiral compounds using Cellulose-2 and Cellulose-4 stationary phases in liquid chromatography
25	Laura Escuder Gilabert M ^a José Medina Hernández	A comparative study on Cellulose-1 and Cellulose-5 stationary phases in chiral liquid chromatography
26	Alberto Chisvert Sanía Juan Luis Benedé Veiga	Analysis of biological fluids by microextraction techniques
27	Enrique Javier Carrasco Correa	Determination of environmental contamination parameters using 3D-Printed systems
28	Ernesto Francisco Simó Alfonso José Manuel Herrero Martínez	Development of novel 3D printing materials for their application in Analytical Chemistry
29	Francesc A. Esteve Turrillas	Non-targeted analysis of psychoactive substances in wastewater