

DOCTORAL PROGRAM IN CHEMISTRY, UAB
OUTSTANDING THESES AWARD FOR THESES 2022-2023. LIST OF CANDIDATES

Surname, Name	Defense date	Title	Supervisor	Supervisor
Borras Caballero, Alejandro	4/11/2022	Graphene oxide composite aerogels fabricated by supercritical CO2 technology: characterization and applications	Domingo Pascual, Maria Concepción	López Periago, Ana Maria
Ferrero , Stefano	22/5/2023	Quantum chemistry computations of the adsorption, diffusion and reactivity of atoms and light radicals on the surfaces of interstellar grains	Rimola Gibert, Albert	Sodupe Roure, Maria
Garcia Martos, Daniel	27/10/2022	Development of novel biobased thermoplastic polyurethanes containing 2,5-furandicarboxylic acid polyesters	Bayon Rueda, Joan Carles	
Hernández López, Laura	15/9/2023	Surface Chemistry on Metal-Organic Polyhedra	Maspoch Comamala, Daniel	Carne Sanchez, Arnau
Kubovics , Márta	17/3/2023	Supercritical CO2 assisted preparation of mesoporous composites for emerging applications	López Periago, Ana Maria	Domingo Pascual, Maria Concepción
Moriones Botero, Oscar Hernando	28/10/2022	Engineering Stöber Silica Nanoparticles Insights into the Growth Mechanism and Development of Silica Based Nanostructures for Multimodal Imaging	Franco Puntès, Victor	Gómez Bastús, Neus
Moya Rodríguez, Desirée	5/7/2023	Real Time Analysis of Medicines Supported by Quality Risk Management	Alcala Bernardez, Manel	
Nuez Martinez, Miquel	25/11/2022	The metallacarboranes' paradigm: use of clusters in cancer treatments, against resistant bacteria and in green catalysis	Viñas Teixidor, Clara	
Pallarès Rusiñol, Arnau	4/11/2022	Novel methods for the detection of exosomes as biomarkers for noncommunicable diseases	Pividori Gurgo, Maria Isabel	Martí Ripoll, Maria Mercè
Parejo Bruque, Laura	11/11/2022	Functional molecular switches based on photoinduced electron transfer processes	Hernando Campos, Jordi	Guirado Lopez, Gonzalo
Reyes Mateo, Kevin	27/2/2023	Photothermal effect of benzoxazines and polybenzoxazines. Applications	Sebastian Perez, Rosa Maria	
Riba López, Daniel	1/3/2023	Synthesis of T-shaped molecules for their deposition over three-terminal devices	Aliaga Alcalde, Nuria	Gonzalez Campo, Arantzazu
Sanchez Morales, Adria	25/11/2022	Synthesis of new compounds with pharmacological activity designed by computational simulations	Alibes Arques, Ramon	Busque Sanchez, Felix
Sinha , Sohini	26/10/2022	Development of new fluorophore-tethered ortho-carborane systems: An approach for unique photophysics and applications	Nuñez Aguilera, Maria Rosario	
Suarez Lopez, Rosa	15/9/2023	Simplifying Complexity: Harnessing Coarse-Grained Models to Study Intricate Systems	Jaime Cardiel, Carles	