



## PROGRAMA CIENTÍFICO NOVENO ENCUENTRO SOBRE DENDRÍMEROS

Martes 28 de mayo 2024

<b>10:00</b>	<b>Registro</b>		
<b>11:45</b>	<b>Bienvenida</b>		
<b>12:00</b>	Moderador: <b>José Vidal</b> (ICMAB-CSIC) y <b>Miriam Royo</b> (IQAC-CSIC)		
12:00	<b>PL1</b>	<b>Anne Marie Caminade</b> (CNRS)	Phosphorus dendrimers and their properties
13:00	<b>IN1</b>	<b>Eduardo Fernández-Megía</b> (CIQUS-USC)	Polyion Complex Vesicles as Protocell Models
13:30	<b>OR1</b>	<b>Alexandre Lancelot</b> (INMA-CSIC, UNIZAR)	Biomimetic linear-dendritic hybrids for adhesion: dendritic effect and skin adhesion
13:45	<b>OR2</b>	<b>Javier Sánchez-Nieves</b> (UAH)	Modification of nanoparticles with dendritic systems: from synthesis to applications
<b>14:00</b>	<b>Comida</b>		
<b>16:00</b>	Moderador: <b>Rafael Gómez</b> (UAH) y <b>Vega Lloveras</b> (ICMAB-CSIC)		
16:00	<b>IN2</b>	<b>Sandra García-Gallego</b> (UAH)	Stimuli-responsive dendritic hydrogels: Tuning the macroscopic properties from the nanoscale
16:30	<b>OR3</b>	<b>Marina Pérez-Palau</b> (IQAC-CSIC)	Playing Twister with GPCRs: the case of A <sub>1</sub> homodimer receptor
<b>16:45</b>	<b>Café</b>		
<b>17:30</b>	Moderador: <b>Ezequiel Perez-Inestrosa</b> (UM) y <b>Daniel Pulido</b> (IQAC-CSIC)		
17:30	<b>FL1</b>	<b>Alejandra Joya-Pinçu</b> (UAH)	Application of dendrimers to improve the biological efficacy of metal complexes with carbene-N-heterocyclic and chelate ligands
17:35	<b>FL2</b>	<b>Esther Matamoros</b> (UM)	Dendrimeric-Antigens-Silica Particle Based Nanocomposites for Basophil Activation Tests
17:40	<b>FL3</b>	<b>David Rincón-Montón</b> (UAH)	Dendronized magnetic nanoparticles-based sensors by magnetic relaxation
17:45	<b>FL4</b>	<b>Óscar Barrios</b> (UAH)	Struggling with the difficulties of improving water solubility in NHC-based carbosilane dendrimers
17:50	<b>FL5</b>	<b>Javier Martín-Martín</b> (INMA-CSIC, UNIZAR)	Antimicrobial activity study of bis-MPA based dendrons functionalised with guanidium groups
17:55	<b>FL6</b>	<b>Rebeca Lozano García</b> (UAH)	Formulation of topic antiseptic cream for wound treatment with cationic carbosilane dendrimers as active ingredient
<b>21:00</b>	<b>Cena: UMAMI Bellaterra</b>		



Miércoles 29 de mayo 2024

<b>9:30</b>			
Moderador: <b>Javier de la Mata</b> (UAH) y <b>Teresa Sierra</b> (INMA-CSIC, UNIZAR)			
9:30	<b>IN3</b>	<b>Vega Lloveras</b> (ICMAB-CSIC)	Radical Dendrimers as contrast agents for Magnetic Resonance Imaging
10:00	<b>OR4</b>	<b>Jesús Cano</b> (UAH)	Dendritic Carbosilane Micelles: Applications in Drug Encapsulation and Carrier Agents
10:15	<b>OR5</b>	<b>Bruno Delgado Gonzalez</b> (CIQUS-USC)	Dynamic Covalent Boronate Chemistry Accelerates the Screening of Polymeric Gene Delivery Vectors via <i>In Situ</i> Complexation of Nucleic Acids
10:30	<b>IN4</b>	<b>Paula Ortega</b> (UAH)	Biological implications of selecting therapeutically active molecules, polyphenols and metallic complex, anchored onto dendritic frameworks
<b>11:00</b>			
<b>Café</b>			
<b>11:30</b>			
Moderador: <b>José Luis Serrano</b> (UNIZAR) y <b>Eduardo Fernández-Megía</b> (CIQUS-USC)			
11:30	<b>IN5</b>	<b>Yolanda Vida</b> (UM)	Nanocomposites for Specific Igs recognition
12:00	<b>OR6</b>	<b>Yufei Wu</b> (ICMAB-CSIC)	New Generation of Radical Dendrimers: Synthesis, Relaxivity and Preliminary In Vivo Studies.
12:15	<b>OR7</b>	<b>Silvia Moreno</b> (UAH)	Adaptive Polymeric Nanoreactors: Adjustment of Membrane Composition for Regulation of Biological Reactions
12:30	<b>FL7</b>	<b>Samuel Takvor-Mena</b> (UAH)	Synthesis and Biomedical Potential of Ruthenium (II) N-Heterocyclic Carbene Chelates
12:35	<b>FL8</b>	<b>Ehsan Shirdel</b> (ICMAB-CSIC)	Insights into Dendrimer Stability through DFT Calculations
12:40	<b>FL9</b>	<b>Silvia de la Mata Moratilla</b> (UAH)	Exploring Zinc(II) Iminopyridine Carbosilane Metallodendrons as Antibacterial Agents
<b>13:00</b>			
<b>Comida de Clausura</b>			