

Organometallics in Nanomaterials: Enhancing Drug Delivery and Environmental Applications

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15:00

Room “O”, U.E. 4

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The integration of organometallics in nanomaterials presents significant advancements in both drug delivery systems and environmental applications. This presentation delves into the design and utility of novel organometallic complexes supported on mesoporous silica, emphasizing their role in cancer treatment and antibacterial applications seeking the design of more effective and selective therapeutic systems than the current treatments. The multifunctional use of these systems for environmental applications such as gas capture and transformation will also be explored.