



## *Cicle de conferències de química\**

### “Coordination Chemistry with a Bioinorganic Touch: Metal-Nucleobase Interactions”

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The study of metal-nucleobase coordination chemistry not only adds to our understanding of biologically relevant interactions between metal ions and/or metal coordination compounds with nucleic acids, but at the same time provides a vast playground for a fruitful symbiosis between Bioinorganic and Supramolecular Chemistry. Based on examples from the author's laboratory, molecular constructs between purine and pyrimidine model nucleobases and metal entities such as  $\text{trans}-(\text{NH}_3)_2\text{Pt}(\text{II})$ ,  $\text{cis}-(\text{NH}_3)_2\text{Pt}(\text{II})$ , and  $(\text{en})\text{Pd}(\text{II})$  will be presented and discussed in terms of their formation pathways, their structures, and potential uses.

**Dilluns 11 de juny de 2012, 12:00h**  
**Sala de Graus**  
**Facultat de Ciències i Biociències**

*\*Aquesta conferència forma part de les activitats formatives programades pel seguiment del progrés del doctorand*