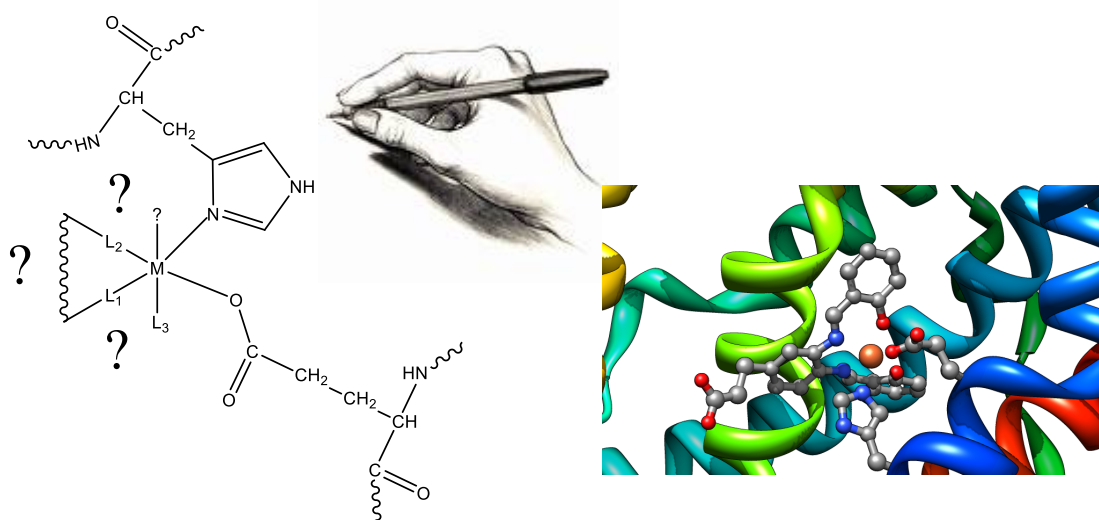


## Call for a 3 years Pre-Doctoral position on Molecular Modeling of (Nanobio)Supramolecular Chemistry

The laboratory of Molecular Modeling of Transition Metal Systems of the Universitat Autònoma de Barcelona (Lledós' Lab) is looking for a highly motivated Ph.D. candidate for a three years contract.

Our group has a long and internationally recognized track record on homogenous catalysis, bioinorganic chemistry and more recently supramolecular nanochemistry. This Ph. D. offer is intended to crystallize our experience at the frontier between supramolecular chemistry, homogenous catalysis and chemical biology. Its primary aim is to drive the design by *in silico* means of host-guest chemical systems with catalytic capabilities and specificities.



The incorporation to our group would start on September 2016. Adequate candidates are expected to own a B.Sc. in experimental (Chemistry and/or Physics) or biological (preferentially Biology, Biochemistry or Biotechnology) sciences and a scientific M. Sc. (or been ending one at the moment of the selection) in relation to the line of research (Computational Chemistry, Bioinformatics, Biophysics, Catalysis, etc..). The student will be trained in a series of computational techniques and multi-scale procedures in a competitive and interdisciplinary group that includes chemists, biochemists, biotechnologists, mathematics and physicists.

Interest in programming and scripting is mandatory but previous knowledge on informatics languages is not. Open mind, motivation in working at frontline and challenging research and good idiomatic skills will be appreciated.

Interested candidates should contact Pr. Jean-Didier Maréchal ([jeandidier.marechal@uab.cat](mailto:jeandidier.marechal@uab.cat)) or/and Pr. Gregori Ujaque ([gregori.ujaque@uab.cat](mailto:gregori.ujaque@uab.cat)).