

News of The Group (2016) noted by Elena.



January

We were looking for a healthy year for all the members of the group, with a special emphasis on the generation of knowledge on our organoboron projects. We faced several challenges but we approached them with motivation as we believe that the systematic daily work in the lab is the solution to all the obstacles together with a bit of luck!

February

I was invited to Villapharma to give a talk about our carbon-boron bond formation strategies to prepare target compounds of industrial interest. I was happy to see Dr. Hermann as one of the group's leader in the factory.



March



Amazing chemistry has been launched by Marc, Nuria and Jordi, which culminated with a metal-free borylation of allylic and propargylic alcohols as well as trimethylsilyldiazomethane insertion into pin-B-SR followed by selective alkylations. Congratulations for the deserved corresponding publications in *Angew Chem Int Ed* and *Org Lett*. Thanks to Prof. Szabó from Stockholm Univ. and Prof. Westcott from Mount Allison Univ. for the great collaborations.

April



I was invited to Sanofi in Frankfurt to deliver a talk on the selective functionalisation through organoboron chemistry as well as an overview of the metal-free approaches to generate the C-B bonds. I had an interesting feed-back from the members of the research groups about specific synthetic routes and once again the synergy academia-industry was very positive.

May



We were honoured by Prof. Baker, from Ottawa Univ., to spend three months in our group as part of his sabbatical leave. We enjoyed his charisma and Canadian sense of humour!!!

June

We all attended the GEQOR Meeting at Huelva, and we presented our works in a national and international wonderful environment. It was a lovely opportunity to see great "chemical" friends in an extraordinary well organised meeting.



July

Both doctors in the group culminated their projects. Dr. Ana B Cuenca made possible to prepare 9-anthracene naphthodiazaborinine and, in collaboration with Prof Leo Gross at the IBM Research Centre at Zurich, the atomic force microscopy succeeded in the verification of the original nonplanar structure of the molecule and the planarization of the skeleton by removing H atoms that cause steric hindrance. Dr. Thierry Leon was also successful with the Pauson-Khand approach through organoboron compounds.



I was invited to Janseen to give a talk on catalytic organoboron chemistry in order to promote application of new methodologies towards the synthesis of target compounds of industrial interest.

August

Definitely, it was time to do something else!!!



September

The whole group attended the EuroBoron 7 Meeting at Suzdal. I believe that it was an experience for them not only because of the different culture but also because of the extra carborane input.

Albert initiated his research project as Master student in the group!!!! What a talented guy!!



October



We were delighted to see that Enrico became Dr. Lacascia in a very elegant Thesis Defence. He also concluded the project on the gem-silylborylation of carbonyl compounds as a modular and stereocontrolled entry to tetrasubstituted olefins. He was successful with the synthesis of (Z)-Tamoxifen and the results merit publication on Chemistry a European Journal. Congratulations!!!!

We welcomed to Prof. Clark from University of San Diego to give a talk to the group.

November

We had an extraordinary opportunity to host in the group Prof. Fujita from Tokyo Univ. It was fantastic to listen his new advances in the crystal sponge method as well as discuss about our ongoing collaborative project.



December



The year is over and I can only say to my group.....

THANKS for every single effort to make real our scientific dreams