

***Introduction of Emerging Substituents Combining  
Fluorine, Sulfur, Nitrogen or Oxygen:  
SCF<sub>3</sub>, NHSCF<sub>3</sub>, OCF<sub>3</sub>***

**Prof. Bernard R. Langlois**

**Université Claude Bernard Lyon 1 (France)**

**Friday 11th July, 2014. ICIQ Auditorium, 12 p.m.**

**Professional Career**

Bernard R. LANGLOIS was born near Paris on May 23, 1947.

After being graduated from the "Ecole Supérieure de Physique et Chimie Industrielles de la Ville de Paris" (ESPCI) in 1970, he entered the Rhone-Poulenc Co. where he was appointed as a researcher in different research centers, first near Paris (Aubervilliers, Vitry sur Seine) then near Lyon (Decines, Saint-Fons). From the beginning, he was involved in organofluorine chemistry, especially in synthetic methodology and in the conception of fluorinated synthons for the design of bioactive compounds.

In 1984, he got a PhD diploma from the University Claude Bernard Lyon 1 after presenting the results he obtained in the Rhone-Poulenc Co. about "the synthesis of difluoromethane-sulfonic acid and the preparation of aryl difluoromethyl ethers and thioethers through carbenic processes"

In 1991, he left Rhone-Poulenc Co. to enter the CNRS as a Director of Research of 2<sup>nd</sup> class. He worked first in Pr. Andre Laurent's laboratory at the University Claude Bernard Lyon 1 but with a complete autonomy. He took the head of the laboratory in 1996 and was upgraded by the CNRS as a Director of Research of 1<sup>st</sup> class in 1999.

In 2011, he became an Emeritus Director of Research.

During his career, Bernard R. Langlois published almost 100 articles, along with 9 book chapters and 33 patents (each of them being extended to major countries).

He gave plenary and invited lectures in many national and international meetings and was frequently invited in various universities all around the world as well as in industrial laboratories.

He also participated to the Organizing Committee of several national and international meetings.

Presently, he belongs to the Board of the French Chemical Society and to that of the French National Network on Fluorine, supported by the CNRS and several major companies.

In 1996, he shared with Dr. Claude Wakselman and Dr. Marc Tordeux a special award from the French Chemical Society, the CNRS and the Rhone-Poulenc Co., for their outstanding work in fluorine chemistry.

