



Photochemistry in Organic Synthesis

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Message from the Guest Editor

Dear Colleagues,

Photochemistry in Organic Synthesis concerns any type of useful chemical reaction that can be initiated by one electronic excited state of an organic molecule, generated after irradiation of a suitable system in the UV or visible region. In our days, because of environmental concerns, conversion to a highly functional compound by a photochemical useful reaction needs to be encompassed with a high selectivity to minimize waste. Thus, in this issue in addition to the traditional fields of electronic excited state reactivity and conventional photoinduced electron transfer activation, attention will be given to the enormous potential of photocatalysis as a tool for sustainable organic synthesis. Since radiation sources, optical materials and spectroscopic analytical tools are rapidly evolving, technological aspects as photochemical reactor engineering will be also covered.

Dr. Joaquim Luís Faria
Guest Editor

