# Special Issue

# Electrophilic & Nucleophilic Substitution

## Message from the Guest Editor

In 1934, in a *Chemical Society Chemical Reviews* paper entitled “Principles of an electronic theory of organic reactions”, Ingold introduced the terms electrophilic and nucleophilic into chemistry. Since then they have become basic concepts used to explain electrophile-nucleophile combinations. Physical organic chemists have developed scales/equations to quantify these effects based on model reactions; electronic factors have been considered; more recently theoreticians have used density-functional theory (DFT) to create indices or descriptors of electrophilicity and nucleophilicity. This issue aims to bring together a representative sample of current experimental and theoretical work in this area.

## Guest Editor

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## Deadline for manuscript submissions

closed (31 May 2013)

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As the premier open access journal dedicated to experimental organic chemistry, and now in its 25th year of publication, the papers published in *Molecules* span from classical synthetic methodology to natural product isolation and characterization, as well as physicochemical studies and the applications of these molecules as pharmaceuticals, catalysts and novel materials. Pushing the boundaries of the discipline, we invite papers on multidisciplinary topics bridging biochemistry, biophysics and materials science, as well as timely reviews and topical issues on cutting edge fields in all these areas.

## Editor-in-Chief

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