cyklus Innovation Lectures (INNOLEC)

IC065 Photoremovable protecting groups: How fast are they really?

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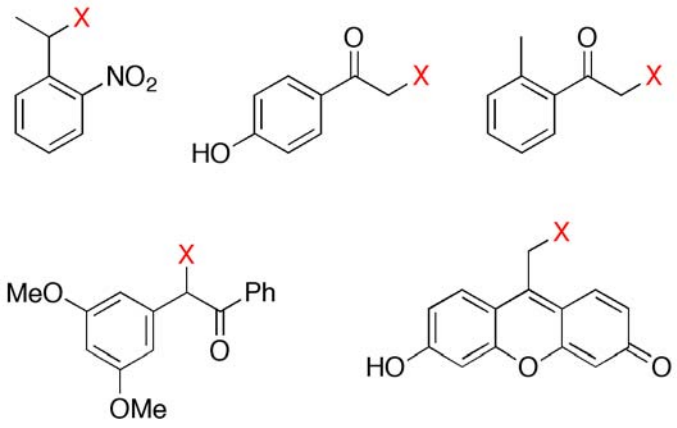
úterý 27.9.2011, 9:00–12:00
posluchárna **K8M309**, pavilion A8 (kampus Bohunice)

Photoremovable protecting groups (PPG's) provide spatial and temporal control over the release of various chemicals such as bioagents (neurotransmitters, cell signaling molecules), acids, bases, Ca2+ ions, oxidants, etc. [1–3] The talk will cover recent developments in the field, focusing on reaction mechanisms and appearance rates of the liberated ligands X^-.



[1] Pelliccioli, A. P.; Wirz, J., *Photochem. Photobiol. Sci.* **2002**, *1*, 441.
[2] Klán, P.; Blanc A., Bochet, C.; Givens, R. S.; Kostikov A., Popik, V.; Rubina M., Šolomek T., Wirz, J., *Chem Rev.*, in preparation (2012).
[3] *Photochem. Photobiol. Sci.*, Special issue on Photoremovable protecting groups, Feb. 2012.

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