



## Tautomerism and Proton Transfer Related Phenomena

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### Message from the Guest Editor

Dear Colleagues,

The aim of this Special Issue is to collect together scientific works related to the prototropic tautomerism and proton transfer in ground and excited state in the gas phase, solution and solid state. Experimental and theoretical studies describing the structural and environmental (solvent, temperature, acidity, irradiation) effects on the tautomeric equilibrium and the dynamics of proton transfer are welcome. Special emphasis will be given to conventional and high-tech dyes, molecular sensors, switches and machines, biologically active compounds, natural products, reaction intermediates and all other cases in organic chemistry, where prototropic tautomerism and proton transfer are involved.

Prof. Dr. Liudmil Antonov  
*Guest Editor*





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## Message from the Editor-in-Chief

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