Eclética Química
ISSN: 0100-4670
ISSN: 1678-4618
ecletica@journal.iq.unesp.br
Universidade Estadual Paulista Júlio de Mesquita Filho
Brasil

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Editorial
Eclética Química, vol. 43, núm. 4, 2018, Octubre-, p. 4
Universidade Estadual Paulista Júlio de Mesquita Filho
Araraquara, Brasil

Eclética Química Journal

Editorial
iq.unesp.br/ecletica

| Vol. 43 | n. 4 | 2018 |

Editorial

In the twilight of this year, the readers of Eclética Química Journal will find in this last issue interesting articles dealing with the synthesis and extensive physicochemical characterization of cobalt, nickel and copper complexes containing mixed ligands such as urea and glycine or urea and asparagine for which an octahedral structure was proposed. Antibacterial assays with *Bacillus* spp., *Escherichia coli*, *Pseudomonas aeruginosa* and *Staphylococcus aureus* were performed for the metallic complexes containing urea and glycine, but only the nickel derivative showed some activity against *Escherichia coli*. In the sequence, the developing of a fast, simple and inexpensive alternative method for determining ranitidine in generic formulations without any sample pretreatment was described. It was based on conductometric titration of ranitidine hydrochloride by precipitation of AgCl using a solution of $AgNO_3$ as titrant. In another investigation, the dynamics and the quantum thermodynamics of DNA in Symmetric-Peyrard-Bishop-Dauxois model (S-PBD) with solvent and external potentials were analyzed and the transient conformational fluctuations using dark breather and the ground state wave function of the associate Schrodinger differential equation was described.

Assis Vicente Benedetti
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