



SDI Review Form 1.6

Journal Name:	American Chemical Science Journal
Manuscript Number:	2014_ACSj_10427
Title of the Manuscript:	Stability and Antimicrobial Activity of Transition Metal(II) Complexes with SNO and ONO Functionalized Ligand: A Computational Study
Type of the Article	Original Research Article

General guideline for Peer Review process:

This journal's peer review policy states that **NO** manuscript should be rejected only on the basis of '**lack of Novelty**', provided the manuscript is scientifically robust and technically sound.

To know the complete guideline for Peer Review process, reviewers are requested to visit this link:

(<http://www.sciencedomain.org/page.php?id=sdi-general-editorial-policy#Peer-Review-Guideline>)



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PART 1: Review Comments

	Reviewer's comment	Author's comment (if agreed with reviewer, correct the manuscript and highlight that part in the manuscript. It is mandatory that authors should write his/her feedback here)
Compulsory REVISION comments		
Minor REVISION comments	(1.)The botanical names of microbes must be italicized. ----- (2.)The last two sentences in the Introduction i.e. line 65-68 must be deleted or put appropriate reference to support the first sentence. i.e. "We should stress....." ----- (3.)Under 2.3. Mass spectroscopy, indicate the exact m/e of fragment ion mentioned and that of the Parent ion. What are their intensities(if known)? ----- (4.) In 2.5. Electronic spectra, is there any information on the visible region i.e. d-d transitions especially for Ni(II), Cu(II) and Co(II).	(1) Corrected ----- (2) Corrected ----- (3) Corrected (added to the experimental part) ----- (4) Commonly Zinc complexes, with d¹⁰ electronic configuration, have no allowed d-d transition. Meanwhile other complexes may show a d-d transition associated with weak and broad peak. However, in this study due to the intense absorption of charge transfer, bands associated with (d-d) bands were masked.



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<u>Optional/General</u> comments	Since the computational aspect was the main focus, the ethical issues are not relevant.	
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