



SDI Review Form 1.6

Journal Name:	International Research Journal of Pure and Applied Chemistry
Manuscript Number:	2014_IRJPAC_14964
Title of the Manuscript:	Synthesis , Characterization and Biological Activity of Chromium(III), Manganese,Cobalt,Nickel,Copper and Zinc(II) Complexes with New Schiff base derived from 6-methylquinoxaline-2,3(1H,4H)-dione and Diethylenetriamine
Type of the 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	1. In Abstract mentions H NMR it should be ^1H NMR, In the key words: Should be N_2O_2 instead of N_2O. Check all molecular citations of this type for formatting. 2. Remove fig. 3, 4. 3. Regarding antimicrobial studies, the experiments should be done at least in triplicate and standard deviation in mean value should be reported. 4. Is there any explanation why cobalt (II) compound had most effective against bacteria and fungi except chelation theory? 5. Antibacterial activity of metal complexes in terms of inhibition zones is not conclusive because of the interactions of the compounds with agar. Therefore you must provide the results in terms of MIC (minimal inhibition concentration/mmol.L-1), which is more reliable.	1. Yes i revised them. 2. I can not absolutely remove these figure since they mainly confirm the structure of ligand and A derivative. 3. The mentioned values of inhibition zone(mm) of the tested compounds were obtained by repeating the experiments in triplet ones. 4. Yes, i have explained that in the item of biological study. The agar was sterilized then the growth of organisms were done at optimized conditions before estimation the inhibition zone of the prepared complexes.
Minor REVISION comments	1. References are given full of mistaken some journal citation is given short form wherein others are given full form, authors should homogenized throughout.	All the references were reordered according to citation and form of journal.



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<u>Optional/General</u> comments	Overall, the paper is probably acceptable. The presentation though is weak and must be improved. English should be edited and Schemes redrawn (specially font size of the atom should be increases) Please clarify the ethical issue, if any	I have corrected the English written with the help of proof reader.