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# Synthesis, Characterisation, Antimicrobial activity and DNA Cleavage of (*E*)-2-((Tetrazolo[1,5-A]Quinolin-4-ylmethylene)Amino)Phenol Schiff base Metal complexes

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**Abstract :** A series of novel (*E*)-2-((Tetrazolo[1,5-a]quinolin-4-ylmethylene)amino)phenol Cu(II), Co(II), Ni(II), Zn(II) and Mn (II) metal complexes have been synthesized 1:1 metal to ligand ratio, and these complexes were characterized by using analytical data such as FT-IR, UV-visible, Mass spectroscopy, SEM, EDX, TGA and magnetic moment measurements. The ligand and all the metal complexes were tested *in vitro* antimicrobial activity and DNA cleavage studies.

**Keywords :** Tetrazole, Quinoline, Schiff base, antimicrobial activity, DNA cleavage studies.

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