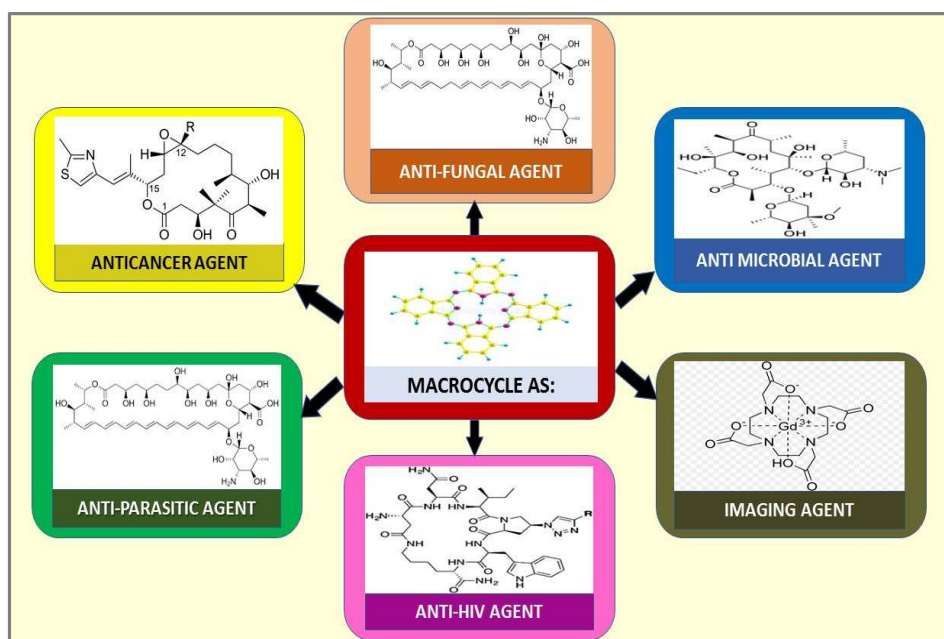


**Review Paper****Macrocyclic Complexes: Auspicious Tool in the Medicinal World-A Review****Ashu Chaudhary\* and Subhash and Pinki**Department of Chemistry, Kurukshetra University, Kurukshetra, **INDIA**  
Email: [ashuchaudhary21@gmail.com](mailto:ashuchaudhary21@gmail.com)Accepted on 25<sup>th</sup> February, 2020**ABSTRACT**

Macrocyclic natural products have evolved to fulfil numerous biochemical functions. The exclusive essential physicochemical properties of macrocyclic complexes have attracted researchers to conduct extensive research to discover novel molecules that could be useful for developing alternative medicines for the treatment of several diseases including cancer. The current advances in the field of macrocyclic chemistry, especially, having the ability to prepare metallomacrocycles, high affinity and selectivity have enabled human beings to invent new techniques for the preparation of antimicrobial and anti-tumor agents. This article throws light on application of macrocyclic complexes in the field of medicinal chemistry.

**Graphical Abstract****Keywords:** Macrocyclic, Antitumor activity, Antimicrobial activity, Imaging agents.