

Metallotherapeutic drugs and metal-based diagnostic agents : the use of metals in medicine / Edward R. Tiekink, Marcel Gielen

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Abstrak

This book contains information on the medicinal uses of inorganics, that is, of elements such as boron, lithium, selenium, to name a few, as well as metal, containing species. In keeping with the notion that healthy mammals rely on (bio-essential) metals for the normal functioning of approximately a third of their proteins and enzymes, a large number of drugs are metal-based and considerable effort is being devoted to developing both second, and third, generation drugs as well as generating novel metal-based drugs. While there is no doubt that there is an emphasis on 'Metallotherapeutics' throughout the volume, the use of metals in medicine is not restricted to metal, based drugs. The following are also covered: non-invasive radiopharmaceuticals Magnetic Resonance Imaging (MRI) mineral supplements.