

Internal Webinar

Metal Phosphinates and Organoantimonates: Synthesis, Structure, Magnetic Properties and Biological Applications

Junaid Ali

UoH, Hyderabad

The reactivity of sterically hindered phosphinic acids towards both transition, main groups and lanthanide metals are investigated. Some novel metal-oxo clusters were isolated and characterized by various spectroscopic techniques. The magnetic studies were done for the paramagnetic lanthanide complexes, in addition the anti-cancerous studies of stibonic acids and their phosphonate clusters were done in vitro. Stibonic acids have shown specific activities towards leukemia and colon cancer cells.

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2:30 PM