

A Journal of

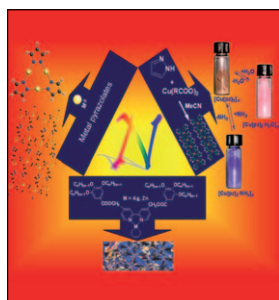
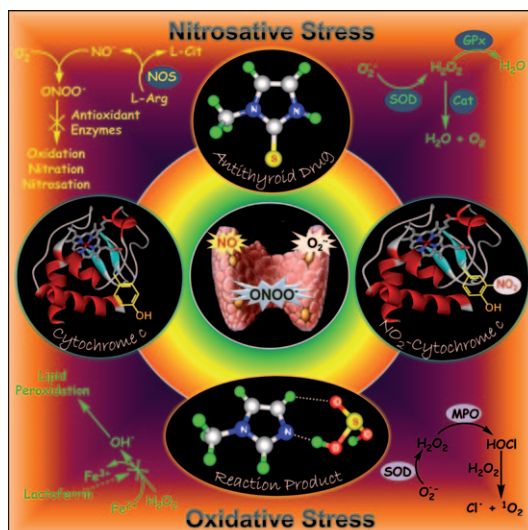
ChemPubSoc
Europe

Supported by
ACES

Minireview

Tuning the Functional Properties of Metal Complexes
Containing Polytopic Heteroaromatic Nitrogen Ligands
C. Pettinari et al.

... thiourea-based antithyroid drugs and their selenium analogues exhibit remarkable peroxynitrite-scavenging activities and protect against peroxynitrite-mediated protein tyrosine nitrations. This study suggests that the antioxidant activity of these compounds may protect the thyroid gland from oxidative and nitrosative stress during hyperthyroidism. For more details see the Full Paper by K. P. Bhabak and G. Mugesh on page 1175 ff.

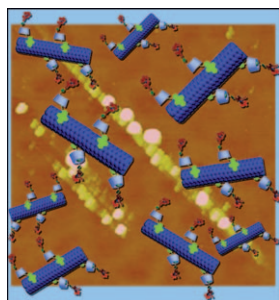
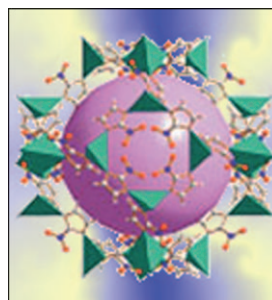


Coordination Polymers

In their Minireview on page 1106 ff., C. Pettinari et al. discuss the preparation, characterization, and optimization of the functional properties of mono- and polynuclear coordination complexes containing heteroaromatic nitrogen ligands. Very minor changes in connectivity, composition, and polarity of the molecular entities employed in the self-assembly steps may significantly affect the structural, thermal, sorptive, magnetic, and mesomorphic behavior of the resulting materials.

Metal–Organic Frameworks

In their Communication on page 1137 ff., Y.-Q. Tian, D.-Y. Zhao et al. describe the successful synthesis of a family of cadmium 2-substituent imidazoles with highly thermostable and polymorphous metal–organic frameworks (MOFs) by the approach of elongating the M–N bond.



Nanotubes

In their Full Paper on page 1168 ff., Y. Liu, B.-H. Han et al. describe the preparation of an aqueous supramolecular hybrid solution by a supramolecular strategy based on single-walled carbon nanotubes with multiple supramolecular interactions, such as π - π stacking and host-guest interaction. The DNA condensation ability of the supramolecular system has been explored with agarose GEP analysis.

GERMANY	NETHERLANDS
BELGIUM	ITALY
FRANCE	SPAIN
PORTUGAL	GREECE
CZECH REPUBLIC	POLAND
SWEDEN	HUNGARY
AUSTRIA	

Supported by
ACES

Chemistry—A European Journal is jointly owned by the 14 Chemical Societies shown above and published by Wiley-VCH. This group of Societies has banded together as Chemistry Publishing Society (ChemPubSoc) Europe for its combined publishing activities. The journal is also supported by the Asian Chemical Editorial Society (ACES).