



27/2009

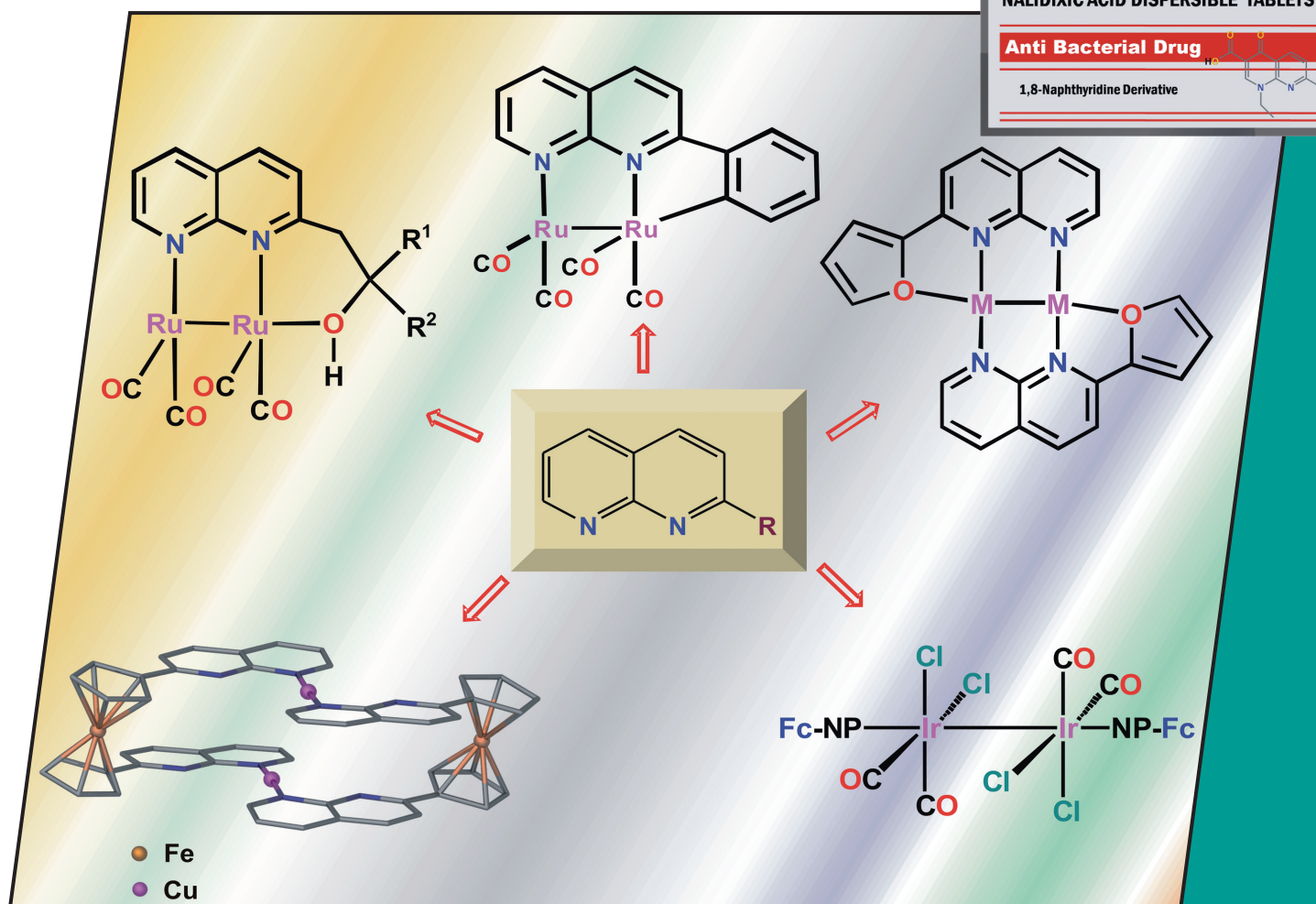
3rd September Issue

**New
ISI Impact Factor
2.694**

NALIDIXIC ACID DISPERSIBLE TABLETS

Anti Bacterial Drug

1,8-Naphthyridine Derivative

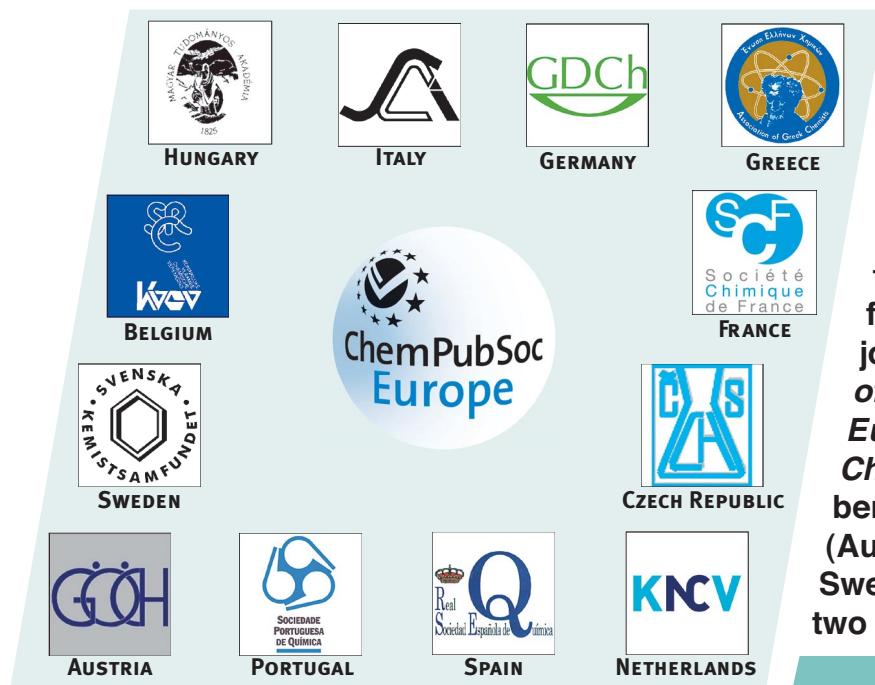


Cover Picture / Microreview

Jitendra K. Bera et al.

1,8-Naphthyridine Revisited: Applications in Dimetal Chemistry

A Journal of



A union formed by chemical societies in Europe (ChemPubSoc Europe) has taken the significant step into the future by merging their traditional journals, to form two leading chemistry journals, the *European Journal of Inorganic Chemistry* and the *European Journal of Organic Chemistry*. Three further members of ChemPubSoc Europe (Austria, Czech Republic and Sweden) are Associates of the two journals.

COVER PICTURE

The cover picture shows various applications of naphthyridine derivatives (NP-R) in dimetal chemistry developed in our laboratory. The *cis/trans* isomerization of NP-R ligands on a quadruply bonded dimolybdenum(II) platform, axial modulation of the metal–metal bond in dimetal paddlewheel complexes, C–H bond activation and C–C bond formation at the axial site of the $[\text{Ru}_2(\text{CO})_4]^{2+}$ core, the chemistry of ferrocene–naphthyridine hybrid ligands in accessing diiridium compounds and a host of mixed-metal compounds are described in the Microreview by J. K. Bera et al. on p. 4023ff. The multicolour background signifies the versatility of NP-R ligands in dimetal chemistry. The image at the top-right corner emphasizes the importance of naphthyridine derivatives in medicinal chemistry. A line drawing of nalidixic acid, the key ingredient of the anti-bacterial drug GramoNeg (Ranbaxy, India), is seen floating on the image. Contributions from the Design Program, IIT Kanpur and Dr. Nirmal Kumar, principal medical officer at IIT Kanpur, in the preparation of this cover picture are deeply appreciated.

