

## Complete Publication List:

17. *Comparative photophysics of sapphyrin derivatives: effects of confused and fused pyrrole rings* Jong Min Lima, **Iti Gupta**, Hiroyuki Furuta and Dongho Kim, *J. Porphyrins Phthalocyanines* 15, 858–864, **2011**.
16. *N-Confused and N-Fused meso-Aryl Sapphyrins*. **Iti Gupta**, A. Srinivasan, T. Morimoto, M. Toganoh, and Hiroyuki Furuta, *Angew. Chem. Int. Ed.* 47, 4563-456, **2008**.
15. *Synthesis and Anion Binding Studies of Thiaphlorins and Covalently Linked Thiaphlorin-Porphyrin Dyads*. **Iti Gupta**, Roland Fröhlich and M. Ravikanth, *Eur. J. Org. Chem.* 1884-1900, **2008**.
14. *Synthesis, aggregation and photoinduced electron transfer processes of cationic water-soluble 21-thia and 21-oxaporphyrins*. Sangita Santra, T. K. Mukherjee, Navodit Babel, **Iti Gupta**, A. Datta and M. Ravikanth, *J. Photochem. Photobiol. A: Chem.* 193, 166-177, **2008**.
13. *Synthesis and photophysical studies of covalently linked porphyrin-21-thiaporphyrin Dyads*. **Iti Gupta** and M. Ravikanth, *Inorg. Chim. Acta* 360, 1731-1742, **2007**.
12. *meso-5-Bromo-10,15,20-tri(p-tolyl)-21-thiaporphyrin as precursor for the synthesis of novel compounds*. S. Punidha, N. Agarwal, **Iti Gupta** and M. Ravikanth, *Eur. J. Org. Chem.* 1168-1175, **2007**.
11. *Synthesis of functionalized thia analogues of phlorins and covalently linked phlorin-porphyrin dyads*. **Iti Gupta**, Roland Fröhlich and M. Ravikanth, *Chem. Commun.* 3726-3728, **2006**.
10. *Recent developments in heteroporphyrins and their analogues*. **Iti Gupta** and M. Ravikanth, *Coord. Chem. Rev.* 250, 468-518, **2006**.
9. *Spectroscopic properties of meso-thienylporphyrins with different porphyrin cores*. **Iti Gupta** and M. Ravikanth, *J. Photochem. Photobiol. A Chem.* 177, 156-163, **2006**.
8. *Fluorescence properties of meso-tetrafuryleporphyrins*. **Iti Gupta** and M. Ravikanth, *J. Chem. Sci.* 117, No. 2, 161-166, **2005**.
7. *One-Flask Synthesis of Mono- and Tri- functionalized 21-Thia and 21-Oxaporphyrin Building Blocks and Their Application in the Synthesis of Covalent and Non-covalent Unsymmetrical Porphyrin Arrays*. **Iti Gupta** and M. Ravikanth, *J. Org. Chem.* 69, No. 20, 6796-6811, **2004**.

6. *A novel and rapid synthetic routes to A<sub>3</sub>B and AB<sub>3</sub> type 21-thiaporphyrins and their use in the construction of unsymmetrical covalent and non-covalent porphyrin arrays.* **Iti Gupta**, Neeraj Agarwal and M. Ravikanth, *Eur. J. Org. Chem.* No. 8, 1693-1797, **2004**.
5. *Synthesis and structural characterization of meso-thienyl core-modified porphyrins.* **Iti Gupta**, C. –H. Hung and M. Ravikanth, *Eur. J. Org. Chem.* No. 22, 4392-4400, **2003**.
4. *Synthesis of meso-furyl porphyrins with N<sub>4</sub>, N<sub>3</sub>S, N<sub>2</sub>S<sub>2</sub> and N<sub>3</sub>O porphyrin cores.* **Iti Gupta** and M. Ravikanth, *Tetrahedron* 59, No. 32, 6131-6139, **2003**.
3. *Synthesis of meso-furyl porphyrins.* **Iti Gupta** and M. Ravikanth, *Tetrahedron Lett.* 43, No. 51, 9453-9455, **2002**.
2. *Synthesis of 21-thia and 21-oxoporphyrin building blocks and boron-dipyrrin appended systems.* D. Kumarsan, Neeraj Agarwal, **Iti Gupta** and M. Ravikanth, *Tetrahedron* 58, No. 26, 5347-5356, **2002**.
1. *Synthesis of single strapped 21-thiatetraphenylporphyrin systems.* P. Boobalan, **Iti Gupta** and M. Ravikant\*, *Ind. J. Chem.* 41-A, 1860-1863, **2001**.

## CONFERENCES

6. *Expanded Analogues of Benziporphyrins*  
Sudipta Das and Iti Gupta\* (Poster Presentation)  
 Frontiers in Chemical Sciences (FICS)–2010 (Dec. 2010) at Indian Institute of Technology Guwahati, Assam, INDIA.
5. *Synthesis and Characterization of N-Confused Expanded Porphyrins*  
Iti Gupta and Hiroyuki Furuta\* (Poster Presentation)  
 18th Symposium of fundamental organic chemistry, (Oct. 2006) at Kyushu Sangyo University, Fukuoka, JAPAN.
4. *N-Confused and N-Fused Analogue(s) of meso-Aryl Sapphyrin*  
Iti Gupta and H. Furuta\* (Poster Presentation)  
 86th National conference of Chemical Society of Japan, (March, 2006) at Nihon University, Tokyo, JAPAN.
3. *Meso-furyl, meso-thienyl, mono- and tri-functionalized heteroporphyrins*  
Iti Gupta and M. Ravikanth\* (Poster presentation)

3rd International conference on porphyrins and phthalocyanines (ICPP-3), (July, 2004) at New Orleans, Louisiana, USA.

Published as: Iti Gupta and M. Ravikanth, *J. Porphyrins Phthalocyanines* **8**, 673, 2004.

2. *Novel versatile synthesis of core-modified porphyrins*

Iti Gupta, Neeraj Agarwal, S. Punidha, D. Kumaresan, and M. Ravikanth\*

(Poster presentation)

6th CSRI National Symposium (Feb., 2004) at Indian Institute of Technology, Kanpur (UP) INDIA.

1. *Synthesis and characterization of meso-furyl poprhyrins*

Iti Gupta and M. Ravikanth\* (Oral presentation)

21st Conference of Indian Council of Chemists (Oct., 2002) at R. D. University, Jabalpur (MP) INDIA.