

## Suven Discovery Scientific Presentations in 2012

### **243<sup>rd</sup> American Chemical Society (ACS) National Meeting March 25 – 29, 2012, San Diego, USA**

1. Discovery of novel amides: Highly potent and selective histamine H3 receptor antagonists and their procognitive potential.  
**Nirogi et al.,**
2. Discovery of 5-HT4 receptor partial agonist for the treatment of Alzheimer's disease  
**A Shinde et al.,**
3. Broad Markush of general formula's in chemistry patent publications killing new innovations  
**M Patnala et al.,**
4. High performance liquid chromatographic method for the separation of enantiomeric Escitalopram oxalate  
**M. Doguparthi et al.,**
5. High performance liquid chromatographic method for the separation of racemic Carvedilol  
**B Lingavarapu et al.,**

### **Alzheimer's Association International Conference (AAIC) July 14-19, 2012, Vancouver, British Columbia, Canada**

6. Pro-cognitive properties SUVN-D1108121, a potent and selective 5-HT4 partial agonist.  
**Nirogi et al.,**
7. Pharmacokinetic - pharmacodynamic relationships of amnesic effects of scopolamine in rats  
**Nirogi et al.,**
8. SUVN-D1104010 - Novel 5-HT4 receptor partial agonist for the treatment of Alzheimer's disease  
**Nirogi et al.,**
9. Characterization of SUVN-D1104010: A potent, selective and orally active 5-HT4 receptor partial agonist  
**Nirogi et al.,**
10. Pro-cognitive properties of SUVN-G1010034, a potent selective H3 antagonist in animal models of cognition  
**Nirogi et al.,**
11. SUVN-D1108121: A potent and selective 5-HT4 receptor partial agonist, potential drug for the treatment of Alzheimer's disease  
**Nirogi et al.,**

**International Society for the Study of Xenobiotics (ISSX)  
October 14 - 18, 2012, Dallas, USA**

12. Prediction of P-glycoprotein Liability of the Compounds using In Vivo Brain Microdialysis as a Tool  
**N.Muddana et al.,**
13. Prediction of drug interaction magnitude of CYP2D6 inactivation by paroxetine in hepatocytes suspended in human plasma  
**G Bhyrapuneni et al.,**
14. Inhibition of Aldehyde oxidase catalyzed pthalazine hydroxylation in cytosol and selectivity of AO inhibitors in human liver microsomes in vitro  
**V Kanamarlapudi et al.,**

**Society of Neuroscience (SFN)  
October 13 - 17, 2012, New Orleans, USA**

15. *In-vivo* brain receptor occupancy for 5-HT<sub>4</sub> receptors in rats using non-radiolabeled SB207145 as tracer  
**R. S Saralaya et al.,**
16. SUVN-G1031 a novel histamine H<sub>3</sub> receptor antagonist - procognitive and neurochemical profile  
**V Kandikereet al.,**
17. Inhibition of organic cation transporter 3 potentiates the neurochemical effects of selective serotonin reuptake inhibitors.  
**V.S. Benade et al.,**
18. SUVN-D1104010 - Novel 5-HT<sub>4</sub> receptor partial agonist for the treatment of Alzheimer's disease.  
**Nirogi et al.,**
19. Differences in the antidepressant like activity of SB399885 on acute and multiple dosing.  
**R. Abraham et al.,**
20. SB 399885: 5-HT<sub>6</sub> receptor antagonist is efficacious in animal models of food addiction and craving  
**D Shanmuganathan et al.,**
21. Spinal nerve ligation (L5) leads to neuropathic pain and memory (Episodic, Spatial and Emotional) deficits in rats  
**P Jayarajan et al.,**