Suven Discovery Scientific Presentations in 2007

5th International Symposium on Microdialysis in Drug Research and Development, April 25 - 27, 2007, Leiden, The Netherlands

1. Novel 5-HT_6 Receptor Antagonist SUVN-502 Enhances The Excitatory Neurotransmitter Glutamate In Rat Frontal Cortex.

   ***G. Bhyrapuneni**, N. Muddana, N Batta, et.al.,*

IBRO World Congress of Neuroscience, July 12 - 17, 2007, Melbourne, Australia

2. 5-HT_6 Receptor antagonist SUVN-507 in Morris water maze and novel object recognition task.

   ***S. Vishwakarma**, R. Abraham, P. Jayarajan, et.al.,*

3. Evaluation of SUVN-502, Novel 5-HT_6 Receptor Antagonist, via *In Vivo* Brain Microdialysis.

   ***R. Nirogi**, V. Kandikere, K. Mudigonda, et.al.*

4. Monitoring Extracellular Glutamate Levels of M1 of SUVN-502 in the Rat Frontal Cortex.

   ***V. Kandikere**, N. Muddana, N. Batta, et.al.,*

5. SUVN-502: A Novel 5-HT_6 Antagonist in rodent models of learning.

   ***P. Jayarajan**, S. Vishwakarma, R. Abraham, et.al.,*

6. Significant Increase In Extracellular Concentrations of Acetylcholine In Hippocampus of Rat Treated With SUVN-502, a 5-HT_6 Receptor Antagonist, in Combination With Olanzapine.

   ***K. Mudigonda**, N. Muddana, V. Benade, et.al.,*

SFN November 3 - 7, 2007, San Diego, CA, USA

7. Cognitive enhancement with Olanzapine - Increase in acetylcholine may not be solely responsible - A Morris water maze and microdialysis study in rats. (Poster # 937.12/AAA20)

   ***V. Kandikere**, S. Vishwakarma, V. Benade, et.al.,*

8. SUVN-502: A potent 5-HT_6 Receptor antagonist reverses MK-801 induced amnesia and enhances brain glutamate levels. (Poster # 745.5/CCC7)

   ***S. Vishwakarma**, V. Benade, V. Marshal, et.al*.,

9. Centrally acting anti-obesity agent SUVN-504 - A potent 5-HT_6 Receptor antagonist. (Poster # 300.23/VV10)

   ***K. Sastry**, S. Vishwakarma, P. Jayarajan, et.al.,*

10. SUVN-507 and its active metabolite in animal models of senile dementia. (Poster # 465.7/H19)

    ***P. Jayarajan**, S. Vishwakarma, R. Abraham, et.al.,*

11. Effect of cholinesteraseinhibitors in cued and non-cued version of the working memory. (Poster # 156.20/U4)

    ***R. Abraham**, S. Vishwakarma, P. Jayarajan, et.al.,*

12. Donepezil - Pharmacokinetic and pharmacodynamic correlation - an in vivo brain microdialysis study in rats. (Poster # 691.13/M13).

    ***K. Mudigonda**, G. Bhyrapuneni, N. Muddana, et al.*,

13. SUVN-507 - A potent 5-HT_6 Receptor antagonist enhances extracellular levels of acetylcholine in rat hippocampus. (Poster # 144.2/J24)

    ***N. Muddana**, V. Benade, R. Saralaya, et.al.,*

14. SUVN-504: A potent 5-HT_6 Receptor antagonist - An *in vivo* brain penetration and brain distribution study. (Poster # 465.3/H15)

    ***G. Bhyrapuneni,** V. Kurwattimath, S. Lachanna, et.al.,*

15. A brain microdialysis study - Coadministration of atypical antipsychotics with donepezil hydrochloride in rats do not change blood and acetylcholine levels of donepezil. (Poster # 156.4/T16)

    ***A. Shinde**, V. Benade, R. Saralaya, et.al.,*

AAPS November 11 - 15, 2007, San Diego, CA, USA

16. Monitoring Extracellular Glutamate Levels of M1 of SUVN-502 in the Rat Frontal Cortex. (Poster # W4109)

    ***R. Saralaya**, V. Benade, N. Muddana, et.al.,*

17. Therapeutic Drug Monitoring of Bicalutamide in Human Plasma using HPLC. (Poster # W4066)

    ***D. Ajjala**, K. Mudigonda, V. Kandikere, et.al.,*

18. Quantification of Tegaserod in Human Plasma by LC/MS/MS using Liquid-Liquid Extraction: Application to a Pharmacokinetic Study.

***V. Kandikere**, K. Mudigonda, R. Nirogi.*

19. Safety Profiling of SUVN-503 in CNS & CVS based Safety Models. (Poster # M1123)

***R. Abraham**, P. Jayarajan, S. Vishwakarma, et.al.,*

20. 3-Piperazinyl Indoles: Novel Chemical Class of Potent and Selective 5-HT_6 Receptor Ligands. (Poster # M1107)

***A. Deshpande**, A. Daulatabad, A. Shindhe, et.al.,*

21. N-Arylsulfonyl-5-Piperazinylmethyl Indoles: Potent and Selective 5-HT_6 Receptor Ligands. (Poster # M1172)

***R. Kambhampati,** P. Kothmirkar, S. Arepalli, et.al.,*

22. Aminoalkoxy phenyl sufonamide derivatives: 5-HT_6 Antagonist as Centrally acting Anti-Obesity Agents.

***A. Shinde**, S. Vishwakarma, A. Daulatabad, et.al.,*

23. Design and Synthesis of Dialkylhompiperazines as Potential Antagonists at 5-HT_6 Receptors. (Poster # M1128)

***A. Shinde**, A. Deshpande, A. Chindhe, et.al.,*

24. Quantification of Quetiapine in Rat Plasma by High Performance Liquid Chromatography: Application to a Pharmacokinetic Study. (Poster # W4411)

***G. Bhyrapuneni**, S. Irappanavar, N. Batta, et.al.,*

25. A Simple Technique for Cerebrospinal Fluid (CSF) Collection from the Anaesthetized Rat. (Poster # T2450)

***V. Benade**, R. Saralaya, N. Muddana, et.al.,*

26. Brain Penetration of Aripiprazole using Constant In Vivo Infusion in Rats. (Poster # T2449)

***S. Lachanna**, V. Kurwattimath, G. Bhyrapuneni, et.al.,*

27. Pharmacokinetic Studies in Unrestrained Rats using Semi-Automated Blood Sampling. (Poster # W4410)

***V. Kurwattimath**, V. Benade, R. Saralaya, et.al.,*

28. *In vitro* Metabolic Stability Studies of Donepezil in Liver Microsomes. (Poster # T3401)

    ***S. Irappanavar**, G. Bhyrapuneni, K. Mudigonda, et.al.,*

29. Pharmacokinetic and Pharmacodynamic Correlation of Chlordiazepoxide.

    ***S. Vishwakarma**, G. Bhyrapuneni, N. Batta, et.al.,*

30. Evaluation of SUVN-502, Novel 5-HT_6 Receptor Antagonist, via In Vivo Brain Microdialysis. (Poster # 2461)

    ***G. Bhyrapuneni**, N. Muddana, V. Benade, et.al.,*

31. Novel 5-HT_6 Receptor Antagonist SUVN-507 Enhances Extracellular Levels of Acetylcholine in Rat Hippocampus. (Poster # T2462)

    ***N. Muddana,** V. Benade, R. Saralaya, et.al.,*