

**INDO-US SYMPOSIUM
ON
NOVEL THERAPEUTIC APPROACHES
FOR
THE TREATMENT OF NEUROLOGICAL
DISORDERS**

November 19, 2007 (Monday)

Venue: Dr Ramalingaswami Board Room, AIIMS



शरीरमातं खलु धर्मसाधनम्

Organized by:
**Department of Pharmacology,
All India Institute of Medical Sciences, New Delhi**



सुखेनैव खलु धर्मसाधनम्

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Dear All,

Brain disorders including psychiatric diseases, stroke, drugs of abuse and alcoholism are major health concerns worldwide. These brain disorders may be due to adaptative changes in the brain that lead to damage to neurons and the brain and modulation the behavior. Stress and psychiatric disorders are crucial factors in promoting alcohol and drug addiction. Several mechanisms may be involved in this process and one such mechanism may be related to alterations in the gene expression due to changes in the activities of gene transcription factors. Neurotransmitters and/or neuromodulators produce their effects by activating the gene transcription factors and by modulating the expression of several target genes. These interactive molecular mechanisms may be important in the pathogenesis of brain disease.

You will be happy to know that we are organizing an **INDO-US SYMPOSIUM ON NOVEL THERAPEUTIC APPROACHES FOR THE TREATMENT OF NEUROLOGICAL DISORDERS** on November 19, 2007 at the All India Institute of Medical Sciences, New Delhi. In this symposium about 150 delegates form different parts of the country will participate.

We look forward to welcoming you all.

Please find enclosed herewith the circular and the tentative program for your kind information.

With warm regards,

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**INDO-US SYMPOSIUM
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NOVEL THERAPEUTIC APPROACHES
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November 19, 2007

Organized by:
DEPARTMENT OF PHARMACOLOGY,
All India Institute of Medical Sciences,
New Delhi

Venue: Dr Ramalingaswami Board Room, AIIMS, New Delhi

Programme

Time (h)	Topic	Speaker
8:30- 9:30	Registration	
9:30-10:00	Inauguration	
10:00-10:50	Session I	
10:00-10:20	Anxiety and alcohol abuse disorders: from bench to clinic	Subash C. Pandey PhD, Professor & Director Neuroscience Alcoholism Research, Deptt of Psychiatry, College of Medicine, University of Illinois at Chicago and Jesse Brown Veterans Affairs Medical Centre, Chicago, IL 60612, USA
10:20-10:40	Targets for the development of anti- dementia drugs	Dr C Nath Deputy Director Division of Pharmacology, Central Drug Research Institute, Lucknow, India
10:40-10:50	Discussion	
10:50-11:20	Tea	
11:20-12:10	Session II	
11:20-11:40	Nicotine and neuropsychiatric disorders	Yousef Tizabi PhD, Professor, Deptt. of Pharmacology, College of Medicine, Horward University, Washington , DC 20059 USA

11:40-12:00	Non invasive methods for early drug development for CNS disorders	Dr MUR Naidu Dean, Professor & Head, Department of Pharmacology & Therapeutics, NIZAM'S INSTITUTE OF MEDICAL SCIENCES, Panjagutta, Hyderabad – 500 082, Andhra Pradesh,, India
12:00 – 12:10 Discussion		
12:10-13:00 Session III		
12:10-12:30	Brain regional changes in gene expression in a mouse model of ethanol dependence and relapse	Howard C. Becker PhD, Professor & Scientific Director, Charleston Alcohol Research Centre, Medical University of South Carolina, Deptt. of Veterans Affairs Medical Centre, Charleston, SC 29464 USA
12:30-12:50	Expression profiling of xenobiotic metabolizing cytochrome P450s in primary cultures of rat brain neuronal and glial cells	Dr Aditya Bhusan Pant, Scientist E ₂ Industrial Toxicology Research Centre, Lucknow, India
12:50-13:00 Discussion		
13:00-14:00 Lunch		
14:00- 14:50 Session IV		
14:00-14:20	Stress and drug liking	Gary Wand, MD, Professor of Endocrinology and Metabolism & Director, Endocrine Training Program, The Johns Hopkins University, School of Medicine, Baltimore, MD 21205, USA
14:20-14:40	Neuroprotective efficacy of curcumin and acorus calamus against lead and acrylamide neurotoxicity.	Dr Vinay K Khanna Scientist Industrial Toxicology Research Centre Lucknow, India
14:40-14:50 Discussion		
14:50-15:35 Session V		
14:50-15:10	Molecular tools to identify therapeutic targets	Dr Hari S Sharma Group Leader, Angiogenesis and Tissue Remodelling Department of Surgical Oncology, LECO Dr Molewaterplein 50, 3015 GE Rotterdam The Netherlands
15:10-15:25	Pharmacological intervention targeted at oxidative stress & PARP in diabetic neuropathy	Dr Shyam Sundar Sharma Associate Professor, Department of Pharmacology and Toxicology National Institute of Pharmaceutical Education and Research (NIPER) Sector 67, Phase X, S.A.S. Nagar (Mohali) 160062, Punjab, India

15:25-15:35 Discussion		
15:35-16: 05 Tea		
16: 05-17:10 Session VI		
16:05-16:20	Novel targets for developing antinociceptive drugs	Dr KK Sharma Professor & Head Department of Pharmacology University College of Medical Sciences, Delhi, India
16:20-16:35	Hippocampus: an open window for estrogen based targeted therapy for consolidation of memory and neuroprotection	Dr Raj D Mehra Professor Department of Anatomy All India Institute of Medical Sciences, New Delhi, India
16:35-16:50	Evaluation of drugs for stroke	Dr YK Gupta Professor & Head, Department of Pharmacology, All India Institute of Medical Sciences, New Delhi, India
16:50-17:00	New targets for drugs used in epilepsy	Dr KH Reeta Assistant Professor, Department of Pharmacology, All India Institute of Medical Sciences, New Delhi, India
17:00-17:10 Discussion		
17:10-17:30 Valedictory		



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REGISTRATION FORM

Name (Block letters):.....

Designation:

Name and Address of the institute/ College where currently employed:.....

.....

Registration Fees: Rs.400/- (Concessional fee of Rs. 250/- for students*)

Details of Payment: Local Cheque/ Draft (Cheque/Draft Payable to **“INDO-US SYMPOSIUM-2007”**)

Cheque/Draft details:

Telephone:Email:

Mail to:

Dr Kh Reeta
Organizing Secretary,
Assistant Professor
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Last Date for Receipt of duly filled Registration form: 16th November’2007
(* To be endorsed by the Head of Department)