



NIN Monthly Newsletter

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Editor: Dr.D.Raghunatha Rao

Mar, Apr. May 2015

MEETINGS ON CAMPUS

Seminar on “Recent Practices for the Improvement of Animal Welfare” was organised as part of World Laboratory Animal Day celebrations in association with Committee for the Purpose of Control and Supervision of Experiments on Animals, New Delhi and Human Society International India, Hyderabad.

(April 25)

PARTICIPATION OF SCIENTISTS IN MEETINGS/ CONFERENCES

Dr.Sylvia Fernandez Rao

Investigators meeting of Infant Phase of Project Grow Smart and Symposium at Experimental Biology Conference, at University of Maryland, Boston, USA

(Mar. 26 – Apr. 01)

Dr.R.Hemalatha

Invited speaker for the ‘KARMIC’, a National Conference organized by Indian Medical Association Students’ Wing at Apollo Medical College, Hyderabad.

(April 22-24)

Dr.V.Vijayalakshmi

Joint Meeting of The Islet Study Group & Beta Cell Workshop at the Menachem Begin Center, Jerusalem, Israel.

(May 3- 7)

12th Asian Congress of Nutrition, at Pacifico Yokohama, Japan (May 14-18). The following scientists from the Institute participated in the conference and presented Papers:

Dr.R.Hemalatha ... Delivered a talk in the session entitled “Country/Regional Report on Health and Nutrition”

Dr.N.Harishankar ... Body weight lowering effect of Piper nigrum Linn extracts on HFD induced SD obese rats – A non invasive study

Dr.P.Amrutha Rao ... Assessment of nutritional status of under five year tribal children in the districts of Meghalaya state

Dr.P.Suresh

Animal House Construction Committee meeting of the National Institute for Research in Tribal Health (NIRTH), Jabalpur.

(May 15)

S. Vishwaraj (CSIR-SRF)

Presented a Paper on “Fibrocyte-driven accumulation of Wilms Tumor 1-positive lung-resident stromal cells in severe fibrotic lung disease (V Sontake, B DiPasquale, SK Shanmukhappa, **GB Reddy**, ES. White, SK. Madala)”, in the Annual meeting of American Thoracic Society, held at Denver, USA.

(May 15-20)

Dr.A.Laxmaiah

Presented a Paper on “Dietary intakes in India and Descriptive Epidemiology” in the one day workshop on “Critical voice in the early strategy phase of developing a nutrition intervention to improve child nutrition and prevent stunting”, held at The Sackler Institute for Nutrition Sciences, The New York Academy of Sciences, New York, USA.

(May 20-22)

TRAINING PROGRAMMES

Training for Trainers for “National Programme for Prevention and Control of Fluorosis”, in association with Directorate General of Health Services, Ministry of Health and Family Welfare, Government of India.

(April 23-24)

SPECIAL EVENT

Dr.B.R.Ambedkar’s 124th and Dr.Babu Jagjivan Ram’s 108th Birthday Celebrations organized by National Institute of Nutrition (ICMR) & NIN SC/ST Employees Welfare Association (May 18). Shri Kadiyam Srihari, Hon’ble Deputy Chief Minister, Telangana State was the Chief Guest for the event.

STAFF NEWS

We congratulate

- **Dr. G. Bhanuprakash Reddy**, Scientist-F, on being awarded Eminent **Research Supervisor Award** by Dr. K. V. Rao Scientific Society – 2015 (May 23, 2015) and selected as External Member, Departmental Research Committee, Department of Biochemistry, School of Life Sciences, University of Hyderabad, Hyderabad (for a period of two years from April 2015)
- **V. Sudhakar Reddy**, UGC-SRF, on being awarded **PhD degree** in Biochemistry by Osmania University in March 2015 for his thesis work on “Role of small heat shock proteins in diabetic complications” under the Research Supervision of Dr. G. Bhanuprakash Reddy.
- **Mehrajuddin Bhat** on being awarded **PhD degree** in Biochemistry by Osmania University in March 2015 under the Research Supervision of Dr. Ayesha Ismail.

and

Nutrition Investigator Award at the ACN, 2015 held in Yokohama Japan during May, 2015 for his poster entitled "Vitamin D deficiency induces mild oxidative stress in rat muscle and treatment with 1,25 (OH)2D3 reverses oxidative stress related changes".

- **Jitendra Kumar Sinha** on being awarded **PhD degree** in Biochemistry by Osmania University in May 2015 for his thesis work on “Accelerated ageing/ reduced longevity

of WNIN/Ob obese rats: Role of altered neurochemical profile, oxidative damage and trophic support in the brain” under the Research Supervision of Dr. M.Raghunath.

We bid farewell to the following staff on their retirement:

1. Shri N.Sitaramanjaneyulu ... Sr.Administrative Officer
2. Dr.Kalpagam Polasa ... Director-Incharge
3. Dr.K.Yadamma ... Technical Officer ‘B’
4. Shri C.Janardhan ... Technician ‘C’

PAPERS ACCEPTED FOR PUBLICATION

1. Krishna Swetha G, Hemalatha R, Prasad UV, Vasudev Murali, Damayanthi K, Bhaskar V: Health and nutritional status of HIV infected children in Hyderabad, India (*Indian J Med Res*).
2. Nagabhushan Reddy, Anil S, Rajender Rao K, Rajendher Reddy M, Praveen Kumar Y, Satyanarayana S, Raghunath M: Effect of chromium (III)-amino acid (1:3) complexes on high sucrose induced insulin resistance, lipid abnormalities and oxidative stress in male Sprague rats (*J Diabetes Obesity*).
3. VS Reddy, GB Reddy. Role of crystallins diabetic complications. *Biochem Biophys Acta-General Subjects* 2015 May 17. [Epub ahead of print] PMID: 25988654.
4. VS Reddy, S Jakhota, PY Reddy, GB Reddy. Hyperglycemia induced expression, phosphorylation, and translocation of α B-crystallin in rat skeletal muscle. *IUBMB Life*. 2015 Apr. 67(4):291-299. PMID: 25900025
5. GB Reddy, M Sivaprasad, T Shalini, A. Satyanarayana, M Seshacharyulu, N Balakrishna, K Viswanath, M Sahay. Plasma vitamin D status in type 2 diabetes patients with and without retinopathy. *Nutrition*, 2015 (Published online: February 28, 2015).
6. PS Chitra, T Swathi, R Sahay, GB Reddy, RK Menon, PA Kumar. Growth hormone induces transforming growth factor-beta-induced protein in podocytes: Implications for podocyte depletion and proteinuria. *J Cell Biochem*, 2015 Mar 4. doi: 10.1002/jcb.25150. [Epub]. PMID: 25740786.
7. S Shrivastava, MK Jeengar, VS Reddy, GB Reddy, VG Naidu. Anticancer effects of celastrol on human triple negative breast cancer: Possible involvement of oxidative stress, mitochondrial dysfunction, apoptosis and PI3K/Akt pathways. *Exp Mol Pathol* 2015; 98:313-327; PMID: 25818165.
8. Augustine LF, Nair KM, Sylvia Fernandez Rao, Vishun Vardhana Rao M, Ravinder P, Laxmaiah A: Exploring the bio-behavioural link between stress allostatic load and micronutrient status: a cross sectional study among adolescent boys, Hyderabad, India (*Indian J Med Res*).