

Ph.D. PROGRAMMES

Ph.D Awardees

Research Scholar/staff	Year	University	Title of thesis
1.Jeyakumar S.M.	2005	Osmania	Studies on food intake regulation and obesity in WNIN/Ob and WNIN/GR-Ob rats
2. Rajendraprasad M.P	2005	Osmania	Nitrosamines and its relevance to cancer in India
3. Nirmala K.	2005	Osmania	Plant constituents as chemo preventive agents
4. Satish Kumar M.	2005	Osmania	Molecular chaperone function of alpha crystallin
5. Sreedhar B.	2006	Osmania	Iron and zinc interactions at the site of absorption

Research Scholar/staff	Title of the project	Guide
1. Saravanan N. (2000)	Effects of dietary alteration on n-6 and n-3 polyunsaturated fatty acids on insulin resistance, structure and function of adipocytes	Dr. Ghafoorunissa
2. Rita Saxena (2000)	Role of food processing on antioxidant activity and development of recipes with high antioxidant activity	Dr. Kamala Krishnaswamy
3. Venu L. (2001)	Foetal metabolic programming for insulin resistance syndrome: Role of maternal micronutrient restriction	Dr. Raghunath M
4. Krishna Kumari Menon (2001)	Positive Deviance in child nutrition	Dr.Vijayaraghavan K
5. Manjula T. (2001)	Ethno-pharmacological validation of biodynamic compounds in traditional Medicine	Dr.B.Dinesh Kumar
6. Aruna B. (2002)	Biophysical characetrisation of resistin	Dr. Nasreen Z. Ehtesham
7 Haseeb A. (2002)	Understanding the mechanism of action of PPAR γ as a link molecule between obesity, type 2 diabetes and CHDs	Dr. Nasreen Z. Ehtesham
8. Kiran Kumar B. (2002)	Genetic typing of WNIN/Ob and WNIN/GR-Ob strains using microsatellite markers	Dr. Giridharan N.V

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9. Anil Kumar (2002)	Molecular chaperone function of alpha crystallin under hyperglycemic condition : modulation by dietary factors	Dr. Bhanuprakash Reddy G
10. Megha Saraswat (2003)	Screening of aldose reductase inhibitors and antiglycating agents from dietary sources and assessing their anticataractogenic potential	Dr.Bhanuprakash Reddy G
11. Mrudula. T (2003)	Characterisation and significance of a novel fatty acid elongase of the eye lens	Dr. Bhanuprakash Reddy G
12. Prashant A. (2003)	Role of scavenger receptor class B1 (SR-B1) in reticulocyte differentiation, absorption of fat and fat soluble vitamins and female Infertility using WNIN/Ob rat model	Dr.A.Vajreswari
13. Kishore Y.D. (2004)	Role of maternal trace elements in the development of insulin resistance in adult life	Dr. Raghunath M
14. Md.Naseeruddin (2004)	Understanding the role of resistin in inflammatory process leading to type 2 diabetes	Dr.Sudeep Gosh
15. Padmavathi I.J.N. (2004)	Role of maternal chromium status in the development of insulin resistance in the offspring	Dr. Raghunath M
16. Satyanarayana B. (2004)	Biological significance of phytoferritins	Dr.Madhavan Nair K
17. Sreenivasulu K. (2004)	CaCo-2 cell as a model to study bio-availability, mechanism of absorption and cytoprotective effects of zinc	Dr.Madhavan Nair K
18. Vasuprada I. (2005)	Bio-response of a model CaCo-2 cell system of iron and zinc	Dr.Madhavan Nair K
19. Shashikiran G (2005)	In vitro regeneration of the insulin secreting cells from the adult pancreatic ductal epithelial cells (progenitors/stem cells)- The role of specific Nutrients.	Dr. Vijayalakshmi V
20. Sheril Alex (2005)	PUFA-rich oil diet supplementation on body weight regulation of obese rat model of WNIN/GR-Ob strain”: A nutrient-gene interaction study.	Dr. Vajreswari A.
21. Rajkumar (2005)	Characterization and differentiation of pancreatic progenitor/stem cells (Nestin Positive cells) to insulin secreting cells-the role of specific micronutrients	Dr. Vijayalakshmi V

Research Scholar/staff	Title of the project	Guide
22. Manisha Ganeshan	Foetal origins of adiposity and insulin resistance: Role of peri/postnatal manganese status	Dr. Raghunath M.
23. Vara Prasad SSS (2005)	Role of 11 β -HSD1 in pathogenesis of obesity and insulin resistance in WNIN/GR-Ob and WNIN/Ob restrains	Dr. Vajreswari A.
24. Sainath P.B (2005)	Insulin, insulin receptor and its signaling mechanism(s) in the brain and insulin sensitive target organs in the WNIN/ob and WNIN/GR-ob rats	Dr. Raghunath M
25. Pratibha B. (2005)	Immune status of WNIN mutant rats with reference to leptin and obesity	Dr. Giridharan N.V.
26. Gitanjali (2005)	Dietary diversification of Indian vegetarian diet to improve iron bioavailability: Studies using Caco-2 cell model	Dr. Madhavan Nair K
27. Sreevani (2005)	Understanding & dissecting the role of resistin in etiology of insulin resistance using obese rat model.	Dr. Nasreen Z.Ehtesham