

Department of Biochemistry

LIST OF PUBLICATIONS

Dr. Shrabani Mohanty, Professor & Head:

1. Supravapatel, ***Shrabani Mohanty***, Manaswini mangaraj, Prakash c mohapatra. "Oxidant –antioxidant status in oligospermic infertile males ". Ind .J. med biochem 2007; 2(1): 46-52.
2. Rachitananda , ***Shrabani Mohanty***, Manaswinimangaraj, Prakash c mohapatra. "Serum uric acid,lipidprofileand lipid peroxidation status in patients of essential hypertension'. Ind.J.medbiochem 2008; 12(1): 49-54.
3. Supriya, ***Shrabani Mohanty***, RoopaMurgod, Venkata Bharath Kumar. P, Raghavendra. DS, "Hypomagnesemia , lipid profile and glycosylated Haemoglobin in type 2 diabetes mellitus patients". Intl. J.chem Pharm Res 2012; 1(5): 116 – 123.
4. Supriya, ***Shrabani Mohanty***, Venkata Bharath Kumar. P, Roopa Murgod, Raghavendra. DS. "Evaluation of serum copper, magnesium, and glycated hemoglobin in type II diabetes mellitus". Asian J Pharm clin Res 2013; 6(2): 188 – 190.
5. ***Shrabani Mohanty***, Roopa Murgod, Venkata Bharath Kumar. P. "Role of magnesium in CVA patients". Biomedicine 2013; 33(4): 483-6.
6. Asha G, ***Shrabani Mohanty***, Raghavendra. DS. "Status of serum levels of copper in essential hypertension". International journal of Innovative pharmaceutical Sciences and Research 2014; 2 (11): 2800-7.
7. ***Shrabani Mohanty***, Asha G. "A novel stress neurohormone copeptin: Its potential role in diagnosis and prognosis of various diseases". World Journal of Pharmaceutical Research 2015; 4(1): 1927-48.

8. Asha. G, ***Shrabani Mohanty***. “A study of serum calcium, magnesium and copper levels in patients of essential hypertension”. World journal pharmacy and pharmaceutical science 2015: 4(9); 521-530.
9. Asha G, Venkata Bharat Kumar. P, Jayashankar. CA, ***Shrabani Mohanty***, Raghavendra. DS. “Neuropeptide galanin in health and disease: a review”. World Journal of Pharmaceutical Research 2015; 4(10): 699-716.
10. Venkata Bharat Kumar Pinnelli, Jayashankar, ***Shrabani Mohanty***, Asha G, Minu Mary Mathai, Raghavendra DS Elevated levels of serum adenosine deaminase in type 2 diabetes mellitus patients. Int J Res Med Sci. 2016 Jan;4(1):131-134.
11. Mangala Sirsakar, **Venkata Bharat Kumar Pinnelli**, Shrabani Mohanty, Jayashankar CA. Anti-Müllerian hormone in health and disease: a Review. Int J Res Med Sci. July 2016.

Dr. Shailaja. A. Professor:

1. Jyothi.B, Venkata Bharath Kumar. P, ***Shailaja. A***, Rukmini J Hebbal, Hareesha Babu, Raghavendra D.S, “Correlation of reduced EGFR with thyroid profile in patient with chronic kidney disease (CKD) : A cross sectional study”. Intl. J.chem Pharm Res 2012: 1(2); 49 – 57.
2. Chitambaram, Nagalingam Saroja , ***Shailaja Alapaty***, Mini Jeyan., “ Efficacy of red cells distribution width as a screening test for diagnosing children with iron deficiency anaemia.sch.j.App.Med.Sci.,2014;2(6H):3412-3415.
3. Jayashankar,C.A, ***Shailaja.A***, Bhanu Prakash,Swetha.H.P. “haemoglobin feritin thyroid profile women with cronic telogen effluvium.Int J Res med Sci:2016;4(1):152:155.

Dr. Roopa Murgod, Professor:

1. Nair KPS, Taly AB, ***Roopa N***, Murali T. Pressure Ulcers: An unusual complication of indwelling urethral catheter. Spinal Cord 2001; 39(4): 234-236.

2. ***Roopa Murgod***, Sultana Furrugh, Venkatesh T. Development of Reference Ranges for biochemical parameters of liver and renal functions in Bangalore City Population. *Biomedicine* 2009; 29(4): 357-359.
3. ***Roopa Murgod***, Sultana Furrugh, Venkatesh T. Reference Ranges For Liver and Renal Functions in Bangalore Population. 2010. LAP Lambert Academic Publishing AG & Co. KG.
4. ***Roopa Murgod***, Ranjini CY, Wilma Delphine Silvia. A comparative study of hepatic biochemical parameters between vivax and falciparum malaria. *Biomedicine* 2011; 31(2): 185-188.
5. ***Roopa Murgod***, Gladys Soans. Changes in electrolyte and lipid profile in hypothyroidism. *IJLPR* 2012; 2(3):185-194.
6. Gladys Soans, ***Roopa Murgod***. Evaluation of the role of hyperuricemia as an active component of metabolic syndrome. *IJAPBS* 2012; 1(3): 65-72.
7. Ranjini CY, ***Roopa Murgod***, Wilma Delphine Silvia, Santosh KV. Evaluation and comparison of hematological parameters between vivax and falciparum malaria. *Int J Pharm Bio Sci* 2012; 3(4): 1120-1128.
8. Supriya, Shrabani Mohanty, ***Roopa Murgod***, Bharath Kumar, Raghavendra DS. Hypomagnesemia, lipid profile and Glycosylated haemoglobin in type 2 Diabetes Mellitus patients. *Intl. J Chem Pharm Res* 2012; 1(5): 116-123.
9. ***Roopa Murgod***, Gladys Soans. Hyperuricemia and its implications. *Intl. J Chem Pharm Res* 2013; 2(2): 66-76.
10. Supriya, Shrabani Mohanty, Bharath Kumar, ***Roopa Murgod***, Raghavendra DS. Evaluation of serum copper, magnesium and glycated hemoglobin in type 2 diabetes mellitus. *Asian J Pharm Clin Res* 2013; 6(2): 188-190.
11. Shrabani Mohanty, ***Roopa Murgod***, Bharath Kumar. Role of magnesium in CVA patients. *Biomedicine* 2013; 33(4): 483-486.

12. *Roopa Murgod*, Gladys Soans, Bindu CM. Comparing traditional serum amylase with relatively new lipase in acute pancreatitis. IJABPT 2014; 5(3): 87-92.

13. Vidya Joshi, *Roopa Murgod*. Evaluation Of Subjective And Objective Parameters Of Stress In First Year Medical Students. IJABPT 2014; 5(4): 183-186.

14. *Roopa Murgod*, MD Mustafa Ahmed. Instant Nutritional Assessment (INA) In Children With Protein Energy Undernutrition (PEU). IJABPT 2015; 6(1): 171-177.

Dr. VenkataBharath Kumar P, Assoc. Professor:

1. Benerjee, Amar kumar, **BharatKumar**, et al. "Determination of absolute hydrogen peroxide concentration by spectrophotometric method". Current science 2002;.83(10): 193-94.
2. Pragathi, P., **BharathKumar, P.V.**, Amar Kumar P., et al; "Evaluation Of Serum Adenosine Deaminase and 5'-Nucleotidase Activities As Probable Markers In Ovarian Cancer". Indian Journal of Clinical Biochemistry, 2005, 20 (2) 195-197.
3. Christopher R, Nagaraja D, Kruthika-Vinod TP, **BharatKumar V**. Prevalence of methylene tetrahydrofolate reductase gene C677T polymorphism and its association with Cerebral Venous Thrombosis in South Indians. J. Neurol Sci, Supple 1, 2005, s390.

4. PS Bindu, AB Taly, Rita Christopher, **BharatKumar PV**. et al. Cholesterol Ester Storage Disease with Unusual Neurological Manifestations in Two Siblings. A Report from South India. Journal of Child Neurology.2007 Dec; 22(12):1401-4.
5. Nagaraja D, Noone ML, **Bharatkumar VP** , Christopher R. Homocysteine, Folate And Vitamin B12 In Puerperal Cerebral Venous Thrombosis. Journal of Neurological Sciences J Neurol Sci. 2008 Sep 15;272(1-2):43-7. Epub 2008 Jul 10.
6. **P.V. Bharatkumar**, D. Nagaraja, S K. Shankar, Rita Christopher, MD Hyperhomocysteinemia and MTHFR C677T homozygosity in a vegetarian male with sino venous thrombosis of brain. J Clin Neurosci. 2009 Oct;16(10):1380-1. Epub 2009 Jul 9.
7. Wilma Delphine Silvia CR, **BharatKumar PV**. Saga of Ghrelin: A mini Review (Asian BioMedicine vol 4, No.6 December 2010 855-860).
8. **BharatKumar PV**, Wilma Delphine Silvia CR, Bhanu Prakash, Santosh KV. Steatocystoma Multiplex with Oligodontia – A Clinical Report (Indian Journal of Clinical Practice, 2011; 22(2):85-87.
9. **BharatKumar PV**, Nagaraja D, Rita Christopher. Hyperhomocysteinemia and methylene tetrahydrofolate reductase C677T polymorphism in cerebral

venous and sinus thrombosis. (Clinical and Applied Thrombosis/Hemostasis: Nov 2012).

10. Bharat Kumar PV, Wilma Delphine Silvia CR, Nitin . Migrelepsy : A Clinical report

Intl. J Chem Pharm : 2012;1(2):45-48.

11. Venkata Bharat kumar Pinnelli, Wilma Delphine SilviaCR, Satish A. Drug induced acute immune thrombocytopenia: a case report Intl. J Chem Pharm Res 2012; 1(1):34-36.

12. Bhaskar Vishwanathan, Kavitha.R, Mohd. Abdul Malik Manzar, Venkata Bharat Kumar Pinnelli. Role of radiation therapy as a sole modality of treatment in recurrent juvenil enasopharyngeal angiofibroma: a case report. Intl. J Chem Pharm Res. 2012;1(1):37-40.

13. Jyothi, BharatKumar PV et al. Correlation of reduced egfr with thyroid profile in patients with chronic kidney disease (CKD): a cross-sectional study. Intl. J Chem Pharm: 2012;1(2):49-57.

14. Shrabani Mohanty, Roopa Murgod, BharatKumar PV. Role of magnesium in
CVA patients. Biomedicine: 2013; 33(4):483-486.

- 15.**Leela Rani, **Venkata Bharat Kumar Pinnelli**, Hemavathi, Sandhya Belwadi, Rajendran R. Utility of HiChrome Urinary Tract Infection (UTI) Agar Medium for Identification of Uropathogens: A Comparative Study with Other Conventional Media. . Intl. J Chem Pharm: 2012;1(4):95-105.
- 16.**Supriya, Shrabani Mohanty, Roopa Murgod, **Venkata Bharat Kumar Pinnelli**, Raghavendra DS. Hypomagnesemia, Lipid profile and Glycosylated haemoglobin in type 2 Diabetes Mellitus patients. Intl. J Chem Pharm 2012; 1(5): 116-123.
- 17.****Venkata Bharat Kumar P**, Wilma Delphine Silvia CR, Suresh KP . Evaluation of serum anti thyroperoxidase antibodies in carcinoma breast of Indian women. Intl. J Chem Pharm 2013; 2 (7): 177-181.
- 18.**Venkata Ramana Kandi, **Venkata Bharat Kumar P**. Elevated levels of serum Lactate Dehydrogenase (LDH) in HIV sero- positive patients in Highly Active Antiretroviral Therapy (HAART) era. *Journal of Dr. NTR University of Health Sciences* 2013;2(3): 162-166.
- 19.**Supriya, Shrabani Mohanty, **Venkata BharatKumar Pinnelli**, Roopa Murgod, Raghavendra DS. **Association of Serum Copper and Magnesium with glycemic control in type 2 Diabetes Mellitus patients.** Asian J Pharm Clin Res, Vol 6, Issue 2, 2013, 188-190.

- 20.**K V Ramana, Sabitha Kandi, **Venkata Bharatkumar P**, CH V Sharada , Ratna Rao, Ratna mani, Sanjeev D Rao. Invasive Fungal Infections: A comprehensive review. American journal of infectious diseases and microbiology 2013, vol 1, Issue 4, 64-69.
- 21.**Bhaskar Vishwanathan, Ganesh MS, Kavitha.R, **Venkata Bharat Kumar Pinnelli**. Chronic arsenic exposure and skin cancer: a case report. Intl. J Chem Pharm Res. 2013;2(3):95-99.
- 22.****Venkata Bharat Kumar Pinnelli**, Mangala Sirsiker, Wilma delphine salvia. Galectin-3: A novel biomarker. Intl. J Chem Pharm Res. 2013; 2(3):81-94.
- 23.**Wilma Delphine Silvia CR, Swetha Kulkarni, **Venkata BharatKumar P**. Mitochondrial DNA disorders. Intl. J Chem Pharm Res. 2013; 2(6):145-159.
- 24.**Bhaskar Vishwanathan, Ganesh MS, Kavitha.R, **Venkata Bharat Kumar Pinnelli**. Actinomycosis masquerading soft tissue tumor: A case report. Intl. J Clin. Diag. Res. 2014;1(1):l.
- 25.**Neelesh Deshpande, Sabitha Kandi, **P Venkata Bharath Kumar**, K V Ramana, Manohar Muddeshwar. Effect of Alcohol Consumption on Oxidative Stress Markers and its Role in the Pathogenesis and Progression of Liver Cirrhosis. American Journal of Medical and Biological Research, 2013, Vol. 1, No. 4, 99-102.

- 26.** Wilma Delphine Silvia CR, **Venkata Bharat Kumar Pinneli**, Gandham Rajeev.
Corin: A mini review. Intl. J Clin. Diag. Res. 2014;1(1):II.
- 27.** Wilma Delphine Silvia CR, Gandham Rajeev, **Venkata Bharat Kumar Pinnelli**.
Thyroid dysfunction in type 2 diabetes mellitus. Intl. J Clin. Diag. Res. 2014;1(1):IV.
- 28.** K V Ramana, **Venkata Bharat Kumar Pinnelli**, Bhanu Prakash, Wilma Delphine Silvia CR, Sabitha Kandi, CH V Sharada, Anand Kalaskar, Sanjeev D Rao, Ratna Mani, Ratna Rao. Complicated Skin and Skin Structure Infections (cSSSI's): A Comprehensive Review. American Journal of Medical and Biological Research, 2013, Vol. 1, No. 4, 159-164.
- 29.** Jayashankar CA, Prakash B, Somasekar DS, **Bharatkumar V**, Naik L, Srivastava R. Type 3 multiple autoimmune syndrome: A case report. IJRCI. 2014;2(1):CS2.
- 30.** Sabitha Kandi, **Venkata Bharatkumar Pinnelli**, Pragna Rao, K V Ramana. Effect of Anti-Thyropoxidase on Thyroid Gland and Breast Tissue: A Comprehensive Review. American Journal of Medicine Studies vol. 2, no. 2 (2014): 34-37.
- 31.** Ingale Anand M, Rajendran Vijaya, **Venkata Bharat Kumar Pinnelli**. A comparative evaluation of the anti-ulcer activity of the extracts of seed and

skin of vitis vinifera (grape) in wistar albino rats. Intl. J Clin. Diag. Res. 2014;2(2):1.

32.Sabitha Kandi, Neelesh Deshpande, **Venkata Bharath Kumar Pinnelli**, Ramakrishna Devaki, Pragna Rao, K V Ramana: Alcoholism and Its Role in the Development of Oxidative Stress and DNA Damage: An Insight. American Journal of Medical Sciences and Medicine, 2014: 2 (3), pp 64-66.

33.K V Ramana, **Venkata BharatKumar Pinnelli**, Sabitha Kandi, Asha G, Jayashankar CA, Bhanuprakash, Raghavendra DS, Sanjeev D rao. Presepsin: A Novel and Potential Diagnostic Biomarker for Sepsis. American Journal of Medical and Biological Research, 2014, Vol. 2, No. 4, 97-100.

34.Anand M. Ingale, Vijaya Rajendran, **Venkata BharatKumar Pinnelli**. Experimental evaluation of the anti-ulcer activity of grape (vitisvinifera) seed extract in wistar albino rats. International Journal of Applied Biology and Pharmaceutical Technology, 2014: 5(4):107-112.\

35.Asha G, Venkata **Bharat Kumar Pinnelli**, Jayashankar CA, Shrabani Mohanty, Raghavendra DS. Neuropeptide galanin in health and disease: a review. World Journal of Pharmaceutical Research. Vol 4, Issue 10, 2015.

36.R. Christopher, **V.P. BharathKumar**, D. Nagaraja. Hyperhomocysteinemia in non-puerperal cerebral venous thrombosis. Journal of the neurological Sciences October 2009, Volume 285, Supplement 1, Page S66.

- 37.Venkata BharatKumar Pinnelli**, Jayashankar, Shrabani Mohanty, Asha G, Minu Mary Mathai, Raghavendra DS Elevated levels of serum adenosine deaminase in type 2 diabetes mellitus patients. Int J Res Med Sci. 2016 Jan;4(1):131-134.
- 38.Mangala S, Venkata BharatKumar Pinnelli**, Raghavendra DS. Diagnostic and prognostic performance of Human Epididymis Secretory Protein- 4 (HE4) in cancer treatment: a Review. World Journal of Pharmaceutical Research 2016; Vol 5, Issue 1, 406-420.
- 39.Venkata BharatKumar Pinnelli**, Rudresh Kumar KJ, Nagaraja D, Rita Christopher. Plasma S-adenosylhomocysteine Concentration is a more sensitive indicator of Cerebral Venous Thrombosis than plasma homocysteine: A case control study in South Indian population. Clin Chim Acta. 2016 Apr 22;458:44-48. doi: 10.1016/j.cca.2016.04.024.
- 40.Mangala Sirsikar, Venkata BharatKumar Pinnelli**, Raghavendra DS. Elevated levels of serum Sialic acid and C-Reactive Protein: markers of systemic inflammation in patients with Chronic Obstructive Pulmonary Disease. Int J Res Med Sci. 2016 Apr;4(4):1209-1215. DOI: <http://dx.doi.org/10.18203/2320-6012.ijrms20160811>.
- 41.Jayashankar CA, Henley Punnen Andrews, Vijayasarithi, Venkata BharatKumar Pinnelli**, Basappaji Shashidharan, Nithin Kumar HN,

Swaapnika Vemulapalli . Serum uric acid and LDL-cholesterol levels are independent predictors of Coronary Artery Disease in asian indian patients with Type 2 Diabetes Mellitus. Journal of Natural Science, Biology and Medicine. Assigned to Jul-Dec:2016 issue.

42.Anand M. Ingale, **Venkata BharatKumar Pinnelli**, Vijaya Rajendran. Experimental Evaluation Of The Anti-Ulcer Activity Of The Ethanolic Extract Of Grape (Vitis Vinifera) Seed Extract In Wistar Albino Rats Against Aspirin Plus Pylorus Ligation Induced Gastric Ulcer Model. International Journal of Basic & Clinical Pharmacology. Assigned to June 2016 issue.

43.Mangala Sirsikar, **Venkata BharatKumar Pinnelli**, Shrabani Mohanty, Jayashankar CA. Anti-Müllerian hormone in health and disease: a Review. Int J Res Med Sci. July 2016.

44.Anand M. Ingale, Vijaya Rajendran, **Venkata BharatKumar Pinnelli**. Experimental evaluation of the anti-ulcer activity of grape (vitis vinifera) seed extract in wistar albino rats against HCL – ethanol induced ulcer model. Submitted to Journal of Basic and Clinical Physiology and Pharmacology. May 2016.

45.Jayashankar CA, **Venkata BharatKumar Pinnelli**, Ramya Prabhu. Alteration of coagulation profile in malaria patients and its correlation with degree of parasitemia: a prospective study. Int J Adv Med. 2016 May;3(2):388-392. DOI: <http://dx.doi.org/10.18203/2349-3933.ijam20161097>.

Mrs. Minu Mary Mathai, Asst. Professor :

1. Venkata BharatKumar Pinnelli, Jayashankar, Shrabani Mohanty, Asha G, **Minu Mary Mathai**, Raghavendra DS Elevated levels of serum adenosine deaminase in type 2 diabetes mellitus patients. Int J Res Med Sci. 2016 Jan;4(1):131-134.

Dr. Nina veigas, Asst. Professor :

1. **Nina veigas et al.**, "Oxidative stress in obesity and metabolic syndrome in Asian Indians". J Med Biochem 2011: 30; 115-120.

Dr. Mangala N. Sirsikar, Asst. Professor :

1. **Mangala N. Sirsikar**,_Raghavendra. DS, Wilma Delphine Silvia. CR. "Evaluation of C- reactive Protein and Sialic acid as a predictor of Systemic inflammation in chronic obstructive pulmonary disease". Biomedicine 2012: 32(3); 141-7.
2. Venkata Bharat Kumar Pinnelli, **Mangala N. Sirsikar**, Wilma delphine salvia. CR. "Galectin-3: A novel biomarker". Intl. J Chem Pharm Res 2013: 2(3); 81-94.
3. **Mangala S**, Venkata BharatKumar Pinnelli, Raghavendra DS. Diagnostic and prognostic performance of Human Epididymis Secretory Protein- 4 (HE4) in cancer treatment: a Review. World Journal of Pharmaceutical Research 2016; Vol 5, Issue 1, 406-420.
4. **Mangala Sirsikar**, Venkata BharatKumar Pinnelli, Raghavendra DS. Elevated levels of serum Sialic acid and C-Reactive Protein: markers of systemic inflammation in patients with Chronic Obstructive Pulmonary

Disease. Int J Res Med Sci. 2016 Apr;4(4):1209-1215. DOI: <http://dx.doi.org/10.18203/2320-6012.ijrms20160811>.

5. **Mangala Sirsikar**, Venkata BharatKumar Pinnelli, Shrabani Mohanty, Jayashankar CA. **Anti-Müllerian hormone in health and disease: a Review.** Int J Res Med Sci. July 2016.

Dr. Rukmini J. Hebbal, Assistant Professor:

1. Jyothi. B, Venkata Bharath Kumar Pinelli, Shailaja.A, **Rukmini J Hebbal**, HareeshaBabu, Raghavendra D.S. "Correlation of reduced EGFR with thyroid profile in patient with chronic kidney disease (CKD) : A cross sectional study". Intl. J.chem Pharm Res 2012: 1(2); 49- 57.

Dr. Jyothi B, Asst. Professor :

1. **Jyothi. B**, VenkataBharath Kumar Pinelli, Shailaja. A, Rukmini J Hebbal, Hareesha Babu, Raghavendra. DS. "Correlation of reduced EGFR with thyroid profile in patient with chronic kidney disease (CKD) : A cross sectional study". Intl. J.chem Pharm Res 2012: 1(2) ; 49-57.

Dr. Umalakshmi A, Asst. Professor:

1. **Umalakshmi A**, T Ranga Rao, "A study of prevalence of metabolic syndrome in middle aged women of Guntur city". International Journal of Development Research 2015: 5(9).

Dr. Asha G, Senior Tutor:

1. KV. Ramana, Venkata Bharat Kumar Pinnelli, Sabitha Kandi, **Asha G**, Jayashankar. CA, Bhanuprakash, Raghavendra. DS, Sanjeev D Rao. "Presepsin: A Novel and Potential Diagnostic Biomarker for Sepsis". American Journal of Medical and Biological Research 2014: 2(4); 97-100.

2. **Asha G**, Shrabani Mohanty, Raghavendra. DS. "Status of serum levels of copper in essential hypertension". International journal of Innovative pharmaceutical Sciences and Research 2014: 2 (11); 2800-7.
3. Shrabani Mohanty, **Asha G**. "A novel stress neuro hormone copeptin: Its potential role in diagnosis and prognosis of various diseases". World Journal of Pharmaceutical Research 2015: 4(1); 1927-48.
4. **Asha. G**, Shrabani Mohanty. "A study of serum calcium, magnesium and copper levels in patients of essential hypertension". World journal pharmacy and pharmaceutical science 2015: 4(9); 521-530.
5. **Asha G**, Venkata Bharat Kumar. P, Jayashankar. CA, Shrabani Mohanty, Raghavendra. DS. "Neuropeptide galanin in health and disease: a review". World Journal of Pharmaceutical Research 2015: 4(10); 699-716.
6. Venkata BharatKumar Pinnelli, Jayashankar, Shrabani Mohanty, **Asha G**, Minu Mary Mathai, Raghavendra DS Elevated levels of serum adenosine deaminase in type 2 diabetes mellitus patients. Int J Res Med Sci. 2016 Jan;4(1):131-134.