

Padmashree Institute of Clinical Research

PUBLICATIONS

Peer – Reviewed Articles (International)

No. : 9

- 1. Hyperornithinaemia associated with gyrate atrophy of the choroids and retina: Two cases from India.**
R. Christopher S.V. Suresh Babu, and K. Taranath Shetty. *Ann Clin Biochem* 1999; 36: 519 – 522.
- 2. Antidepressant efficacy and hormonal effects of Sudhashrma Kriya Yoga (SKY) in alcohol dependent individuals.**
Vedamurthachar, Nimmagadda Janakiramaiah, Jayaram M. Hegade, Taranath K. Shetty, D.K. Subbakrishna, S.V. Suresh Babu, B.N. Gangadhar. *Journal of Affective Disorders*, (2006) Aug; 94(1-3): 249-53.
- 3. Plasma Adenosine Deaminase activity among HIV I clade C seropositive patients: Relation to CD4 T-cell population and antiretroviral treatment.**
Seetharamaiah Chittiprol, P. Sathishchandra., Bhimasena Rao. R.S, SV. Suresh Babu, D. K. Subbakrishna., K. Taranath Shetty. *Clinica Chimica Acta*. 2006 Oct 13; 1704
- 4. Optimum conditions of autoclaving for hydrolysis of proteins and urinary peptides of prolyl and hydroxyprolyl residues and HPLC analysis.**
Mallikarjun Badadani, S.V. Suresh Babu and K. Taranath Shetty. *Journal of Chromatography B*, 847 (2007) 267–274.
- 5. Assay of Dinitrophenyl derivatization of imino acids, spectral characteristics and HPLC analysis: application in urinary peptide-derived hydroxyproline and proline assay.**
Mallikarjun Badadani, S.V. Suresh Babu and K Taranath Shetty. *Ann Clin Biochem* 2007; 44: 164–172.
- 6. Metabolic status of magnesium and ceruloplasmin in Handigodu Joint Disease: A variety of spondylo epi (meta) physeal dysplasia.**
Mallikarjun Badadani, K. Taranath Shetty, S.V. Suresh Babu, and S.S. Agarwal. *Clinica Chimica Acta*, (2008); 395(1-2) 170 – 171
- 7. Peptide bound hypohydroxyprolinuria in Handigodu Disease: a familial syndrome of spondylo epi (meta) physeal dysplasia.**
Badadani, Mallikarjun, S V Suresh Babu, K.T. Shetty, *Disease Markers*, (2009); (27) 7 -12.
- 8. Oxidative stress and neopterin abnormalities in schizophrenia: A longitudinal study.**
Seetharamaiah Chittiprol, Ganesan Venkatasubramanian,* Narendran Neelakantachar, S.V. Suresh Babu, Naveen A. Reddy, K. Taranath Shetty, Bangalore N. Gangadhar. *Journal of Psychiatric Research*, 44 (2010) 310–313
- 9. Study of serum aggrecan fragments in handigodu disease precipitated by DMB dye.**
Mallikarjun Badadani, S V Suresh Babu, K T Shetty, S S Agarwal *J Biochem Tech* (2012) 3(4):438-441

Peer – Reviewed Articles (National)

No: 5

- 1. Maple syrup urine disease: An uncommon cause for Neonatal metabolic distress.**
S.V. Suresh Babu, R. Christopher, L. Nirmala., G.R. Rangaswamy., C.P. Narayan and K. Taranath Shetty. Department of Neurochemistry, NIMHANS, Bangalore – 29. *Indian Journal of Clinical Biochemistry*, (1999), 14(2) 198-206.
- 2. HPLC method for amino acids profile in biological fluids and inborn metabolic disorders of amino acidopathies.**

Padmashree Institute of Clinical Research

S. V. Suresh Babu, M.M. Shareef., A. Pavan Kumar Shetty and K. Taranath Shetty. Clinical Biochemistry Unit, **Indian Journal of Clinical Biochemistry**, (2002), 17(2) 7 - 26.

- Synthesis of a modified peptide fragment analog Val-Tyr (P)-Val-Ala-Ala-OH of cAMP protein kinase regulatory sub unit type II employing Fmoc chemistry**
Kuramkote Shivanna Devaraju, Basanagoud S Patil, Subramanyam J Tantry, **S V Suresh Babu**, Taranath Shetty K, Vommina V Suresh Babu. **Indian Journal of Chemistry Vol. 45B, July 2006, 1747-52.**
- A sensitive assay for ornithine amino transferase in rat brain mitochondria ninhydrin method. - Award Paper.**
H Ravi Kumar, S Ananda, K S Devaraju, B M Prakash, S Sampath Kumar, **S V Suresh Babu**, and H P Puttaraju, **Indian Journal of Clinical Biochemistry**, (2010); 24(3) 275 – 279.
- Novel assay method for calcium calmodulin dependent phosphatase from Bovine brain extract.**
K.S. Devaraju, B.S. Mohan Kumar, **S.V. Suresh Babu**, A. Gopi, R. Saraswathi, B.M. Harish. **Indian Journal of Experimental Biology**, Vol 52, Feb 2014, pp 168-174.

Paper presented in conference (International)

No: 3

- Assay of Glycosaminoglycan's in biological fluids by quantitative precipitation with 1, 9-Dimethyl methylene blue (DMB) dye.**
Pavan Kumar Shetty A, **Suresh Babu SV**, Mallikarjun Badadani and K Taranath Shetty. At 9th APCCB and 28th annual conference of ACBI, 9 – 14 march 2002, New Delhi, India.
- Sulfur containing plasma amino acids profile in an Indian sub-population and cases of Homocysteinemia and homocystinuria. – Poster/Oral presentation.**
SV. Suresh Babu, C.P. Narayanan, G.R. Rangaswamy, and K. Taranath Shetty. At 9th APCCB and 28th annual conference of ACBI, 2002, New Delhi, India.
- Proceedings of 10th Asian Pacific congress of Clinical Biochemistry (APCCB) 19th-23rd September 2004, Perth, Australia. (International).**
INBORN (NEURO) METABOLIC DISORDER IN INDIAN SCENARIO.
K.Taranath Shetty. **S.V.Suresh Babu**, M. Badadani., S.S.Agarwal Dept of Neurochemistry. NIMHANS, Bangalore and ACTREC * Bombay

Paper presented in conference (National)

No: 21

- Hyperphenylalaninemias: A biochemical study.**
S.V. Suresh Babu, V. Rajeevnaath, K. Taranath Shetty and Rita Christopher. At 24th annual conference of the association of clinical biochemists of India, Calcutta. Dec 12-14, 1997.
- Pre-column derivatization and HPLC for amino acids profile in biological fluids.**
S.V. Suresh Babu, Rita Christopher and K. Taranath Shetty. At 27th Annual conference of the Association of Clinical Biochemists of India, Nagpur. Jan 11-14, 2001.
- Amino acids profile in biological fluids by HPLC in 22 minutes.**
S.V. Suresh Babu, G.Rangaswamy, C.P. Narayanan, J Theodore, K.M. Kailashnath & K. Taranath Shetty. At 30th Annual conference of the ACBI, 2004, NIMHANS, Bangalore, India.
- Assay method for hydroxyproline and proline in urinary peptides.**
Mallikarjun Badadani., **S.V. Suresh Babu**., Seetharamaiah chittiprol. Devaraju K.S., and K. Taranath Shetty. At 30th Annual conference of ACBI, 2004, NIMHANS, Bangalore, India.

Padmashree Institute of Clinical Research

- **Methodological issues in the assay of Calcineurin activity in clinical specimens.**
Devarju K.S., **S.V. Suresh Babu.**, Mallikarjun Badadani., Seetharamaiah chittiprol & K. Taranath Shetty. At 30th Annual conference of ACBI, 2004, NIMHANS, Bangalore, India.
- **Hyperornithinemia associated with gyrate atrophy of the choroids and retina: Eight cases in a decade study.**
S.V. Suresh Babu, G. Rangaswamy, C.P. Narayanan, K.M. Kailashnath and K. Taranath Shetty. At 30th Annual conference of ACBI, 2004, NIMHANS, Bangalore, India.
- **Diagnosis of urea cycle disorders by Amino acids analysis by HPLC.**
S.V. Suresh Babu, Pavan Kumar Shetty, C.P. Narayanan, G. Rangaswamy, and K. Taranath Shetty. At 30th Annual conference of ACBI, 2004, NIMHANS, Bangalore, India.
- **Sandhoff disease and a case report of a traditional herbal medicine treatment.**
K. Taranath Shetty. G. Rangaswamy, C.P.Narayanan, **S.V. Suresh Babu**, Kailasanatha., Mahadevai., C. Bhanumurthy. KIMS, Kalkiri Sri Amba Ayurveda Vaidyashala, Sheshadripuram, At 30th Annual conference of ACBI, 2004, NIMHANS, Bangalore, India.
- **Ratio's of intermediary metabolites of sulfur containing amino acids: Potential application.**
S.V. Suresh Babu, P.V. Bharath Kumar., K.M. Kailasanatha., K. Taranath Shetty. At 30th Annual conference of At 30th Annual conference of ACBI, 2004, NIMHANS, Bangalore, India.
- **Non / Ketotic hyperglycinemias: A case study.**
S.V. Suresh Babu, J. Theodore., K.N. Srinivas., A. Chandrakanth and K. Taranath Shetty. At 30th Annual conference of At 30th Annual conference of ACBI, 2004, NIMHANS, Bangalore, India.
- **Cystinuria among newborns: Detection, Pathophysiology and biochemical basis of management. Oral presentation.**
S.V. Suresh Babu, K.M. Kailasanatha., K.N. Srinivas., J. Theodore., G.R. Rangaswamy, C.P. Narayanan, and K. Taranath Shetty. At 31st Annual conference of ACBI, 2004, J.N. Medical College, Belgaum, Karnataka. India.
- **Synthesis of peptide substrates for protein tyrosine kinase(s) and phosphatase(s); Potential diagnostic application.**
Devaraju K.S., Basangoud Patil., Vommina V. Suresh babu., **S.V. Suresh Babu** and K. Taranath Shetty. At 31st Annual conference of ACBI, 2004, J.N. Medical College, Belgaum, Karnataka. India.
- **Serum adenosine deaminase isoenzymes activity among the asymptomatic HIV seropositive subjects.**
Seetharamaiah Chittiprol., **S.V. Suresh Babu.**, B.S. Rao., Anupa K., Anita Desai., V. Ravi., Satishchandra., D.K. Subbakrishna., Adarsh Kumar., Mahendra Kumar., and K. Taranath Shetty. at 31st Annual conference of ACBI, 2004, J.N. Medical College, Belgaum, Karnataka. India.
- **Method for urinary peptide derived amino acids with special reference to the assay of proline and hydroxyproline.**
Mallikarjun Badadani., **S.V. Suresh Babu.**, A. Pavan Kumar Shetty., S.S. Agarwal and K. Taranath Shetty. At 31st Annual conference of ACBI, 2004, J.N. Medical College, Belgaum, Karnataka. India.
- **Common protocol for separation of cellular elements of blood and plasma: Application in the assay of lysosomal enzymes(s) activity in WBCs.**
S.V. Suresh Babu., Ibrahim K.P., Sreejith, N., Suresh Kumar,K.S., Kailasanatha.K.M., Theodore.J., Srinivas.K.N., Sangeetha,S.K*., and K.Taranath Shetty. NIMHANS, Bangalore. 32nd Annual conference of ACBI, 2005, Nalanda Medical College, Patna, India.

Padmashree Institute of Clinical Research

- **Defective hydroxylation of prolyl residues in Handigodu Disease: A disorder of collagen metabolism.**
Mallikarjun Badadani., K. Taranath Shetty., **S.V. Suresh Babu** and S.S. Agarwal*, At 32nd Annual conference of ACBI, 2005, Nalanda Medical College, Patna, India.
- **Handigodu Disease: Metabolic Disorder of Skeletal System.**
K. Taranath Shetty., Mallikarjun Badadani., **S.V. Suresh Babu** and S.S. Agarwal, At 32nd Annual conference of ACBI, India, Nalanda Medical College, Patna, 2005.
- **Childhood onset Dystrophinopathy: A clinical and Molecular Genetic study.**
S Shylashree., A Nalini., Sanjeev Jain., Meera Purushotam., N Gayathri., **SV Suresh Babu.**, MN Subhash., AB Taly. Department of Neurology, Neuropathology, Human genetics and Neurochemistry. National Institute of Mental Health and Neuro Sciences, Bangalore, India.
- **Pyroline 5-Carboxylate: Synthesis, spectral characteristics, its ninhydrin derivative and assay method.**
K.S Devaraju, H. Ravi kumar, **S.V. Suresh Babu** and K. Taranath Shetty. At National conference in Chemistry at Central College, Bangalore. 2006.
- **CSF Protein profile in various neurological disorders. - Young Investigator Award Paper.**
Suresh Babu SV, Sathishchandra P, Subbakrishna DK, Kailashanatha KM, Shanmugm V, Taranath Shetty K, NIMHANS Bangalore. At 34th Annual conference of ACBI, India. New Delhi, 2007.
- **Fluorimetric assay method for matrix metalloproteases.**
Suresh Babu SV, Sathishchandra P, Subbakrishna DK, Devaraju KS, Seetharamaiah Chittiprol, Taranath Shetty K. at 40th National Conference of ACBI, India New Delhi 2014.

Dissertation work Guided.

- Effect of herbal extracts on oxidative stress - *in-vitro protein model* Study. – *Shaheeda Amin et al.*,
- Comparative study of *anti-oxidants from Fruits and flowers of medicinal plants*. - *Rohith et al.*,
- Anti-Inflammatory effect of *X - plant extract against standard allopathic drug* (Diclophenac) - An in-vitro comparative study. – *Anuradha Gudipadi et al.*,
- Cross sectional, retrospective, study on Gout disorder under different treatment regimen - *Allopurinol and Preboxotate*. – *Sushma et al.*,
- Status of *c-peptide in drug naive cases of type 2 diabetes* – A comparative study in anti-diabetic treatment regimen. - *Hemalatha et al.*,
- Assessment of *total nitrate and Total thiols* in drug naïve cases of type 2 diabetes – A comparative study on anti-diabetic treatment regimen – *Priyanka et al.*,
- Comparison *study of Dexmedetomidine with Midazolam injections* under regional anaesthesia technique in orthopaedic surgeries. – *Mounesha et al.*,
- In vitro evaluation of *haemostatic properties of Plant extract X*. – *Monalisa Gaykwad et al.*,
- Study of *Vasoactive Substances in hypertensive drug naïve cases*: A Randomized Control Study. – *Hasan Faruq et al.*,
- The physical, dietary and life style in *Essential hypertension* of drug naïve cases: A Randomized control study. – *Shakeer Mohammed et al.*,
- Status of Serum Total Protein, Albumin and *Urine micro albumin* in Pre and Post – menopausal women. – *Apurba Sarkar et al.*,
- Assessment of *Serum Vitamin D* Level in Pre and Post-menopausal women. – *Moffida Patweth Et al.*,
- Status of *Urinary Hydroxy proline* in Pre and Post-menopausal women. – *Lalrintlingi Sailo et al.*,
- Status of *Heat labile ALP fraction* in Pre and Post-menopausal women. – *Narayana et al.*,
- Establishment of Normal Ref. Range of *Vitamin D* in Pre and Post-menopausal women. *Manasa. et al.*,

Padmashree Institute of Clinical Research

- Comparative Study of *Serum/Urinary Calcium and Phosphorus Ratio* in Pre and Post – menopausal women. – *Evan Pakma et al.,*
- Evaluation of *adenosine deaminase* activity in Bronchial Asthma patients, in different treatment regimen. – *Rajashekaran et al.,*
- Comparative study of *Angiotensin converting enzyme* in Asthmatic patients of different treatment regimen. – *Navein Kumar et al.,*
- Comparative study of *Antioxidant status* in Asthmatic patients of different treatment regimen. - *Babita Lakhe et al.,*
- Evaluation of free T₃ and T₄ levels in hyperthyroid adult South-Indian population. - *Subhash et al.,*
- Establishment of *Anti-Mullerian Hormone* level in PCOD women of reproductive age: A Randomized control Study. - *Keshava Joshi et al.,*
- Status of serum *total antioxidant and MDA* level in PCOD Patients. – *Bibek Pun Magar et al.,*
- Comparative study of total nitrate and free aminothiols levels in polycystic ovarian disease patients. – *Rajendra kumar et al.,*
- Evaluation of *Apo A I and Apo B* in **polycystic ovarian diseases** in Indian sub-population. – *Sanjeev Kumar Chaudhary et al.,*
- Assessment of *Thyroid profile* in polycystic ovarian Syndrome. – *Mr Anand Shiv Shahi et al.,*
- Comparative study of serum TSH levels between *novel microfluidic technology* and ECLIA hormone analyzers. - *Niranjan Satyal et al.,*
- Status of spot urine **Protein Creatinine Ratio** in patients with urinary tract infection. – **M. Chauhan.,**
- **Nitrate** is a predictive marker of **Urinary tract infection** with pyogenic bacteria. – *Jesna Joy et al*
- Establishment of **Urinary nitrate levels** in healthy adult Indian sub-population. – *Rajesh Mandal et al*