

PUBLICATIONS FROM DEPARTMENT OF BIOCHEMISTRY

Dr. Shrabani Mohanty, Professor & Head:

1. Diana Athokpham, **Shrabani Mohanty**, Venkata BharatKumar Pinnelli. Status of Serum Calcium, Phosphorus, Magnesium and Copper in Hypothyroid Patients- A Case Control Study. *Journal of Clinical and Diagnostic Research*. 2020 Oct, Vol-14(10): BC05-BC08. DOI: 10.7860/JCDR/2020/44711.14094
2. Diana Athokpham, **Shrabani Mohanty**, Venkata BharatKumar Pinnelli. Alterations of serum calcium, phosphorus, magnesium and copper in hyperthyroidism patients-A case control study. *Asian Journal of Pharmaceutical and Clinical Research*. Vol 13, Issue 12, 2020, 1-4. DOI: <http://dx.doi.org/10.22159/ajpcr.2020.v13i12.39611>.
3. Venkata Bharat Kumar Pinnelli, Mangala N Sirsikar, W Vishnu Vandana, **Shrabani Mohanty**, Wilma Delphine Silvia CR, Ranjan Kumar Mohapatra, Sabitha Vadakedath, Venkataramana Kandi. Immunobiochemical aspects in the pathogenesis, diagnosis, and management of novel coronavirus (SARS-CoV-2) infection. *Preprints* (www.preprints.org) | NOT PEER-REVIEWED | Posted: 24 September 2020.
4. Saiqa Rasool Shah, **Shrabani Mohanty**, Asha G. A study of serum MDA and TAC in patients of Cervical Cancer. *Journal of evolution Medicine and Dental Sciences*. 2017 ; 6(53); 4030-4033.
5. Dr Mangala.N.Sirsikar , Dr Deepthi M ,Dr Shailaja.A, **Dr. Shrabani Mohanty**. Role of early clinical exposure as an effective new teaching and learning tool in competency-based undergraduate medical curriculum. *International Journal of Recent Scientific Research* June 2021;Vol. 12, Issue, 06 (A), pp. 41883-41887.
6. Asha G , Jyothi A Natikar , **Shrabani Mohanty**, Alapaty Shailaja. Alteration in serum magnesium levels in patients with essential hypertension. *International Journal of Medical and Biomedical Studies*.2021; 5(6):110-116
<https://doi.org/10.32553/ijmbs.v5i6.1974>
7. Asha G , Jyothi A Natikar , **Shrabani Mohanty**, Alapaty Shailaja . Role of Divalent Cations in Pathophysiology of Essential Hypertension. *Gal Int J Health Sci Res*. 2021; 6(3): 7-15. DOI: <https://doi.org/10.52403/gijhsr.20210702>

Dr. Shailaja. A, Professor:

1. Jyothi A Natikar, **Shailaja A.** Secondary hyperparathyroidism in patients with chronic kidney disease: A case control study. International journal of Clinical Biochemistry and Research. 2020;7(2):291-296. <http://doi.org/10.18231/j.ijcbr.2020.063>
2. Jyothi A Natikar, Suhas Dhulipala, **Alapaty Shailaja.** Mineral disturbances in patients with CKD: A case control study. International journal of Clinical Biochemistry and Research. 2020; 7(4):451-457. <https://doi.org/10.18231/j.ijcbr.2020.095>
3. Dr Deepthi M ,Dr Mangala.N.Sirsikar ,**Dr Shailaja.A** Dual role of serum calcium, Phosphorus and magnesium as a predictor of risk factors and early detection of poor outcome in late stages of Chronic kidney disease :A case control study. International Journal of Current Medical and Pharmaceutical Research, 07(03), pp 5622-5626.
4. Dr Mangala.N.Sirsikar , Dr Deepthi M ,Dr Shailaja.A, Dr. **Shrabani Mohanty.** Role of early clinical exposure as an effective new teaching and learning tool in competency-based undergraduate medical curriculum. International Journal of Recent Scientific Research June 2021;Vol. 12, Issue, 06 (A), pp. 41883-41887.
5. Jyothi A Natikar, Asha G, **Alapaty Shailaja** .Correlation of thyroid hormones in patients with chronic kidney disease: an observational study. International Journal of Medical and Biomedical Studies.2021; 5(6): 117-121. DOI: <https://doi.org/10.32553/ijmbs.v5i6.1975>
6. Jyothi A Natikar, Asha G, **Alapaty Shailaja.** Role of Serum Alkaline Phosphatase Levels as an Early Marker of Disease Progression in Chronic Kidney Disease.2021; Gal Int J Health Sci Res. 2021; 6(3): 1-6. <https://doi.org/10.52403/gijhsr.20210701>
7. Asha G , Jyothi A Natikar , Shrabani Mohanty, **Alapaty Shailaja.** Alteration in serum magnesium levels in patients with essential hypertension. International Journal of Medical and Biomedical Studies.2021; 5(6):110-116 <https://doi.org/10.32553/ijmbs.v5i6.1974>

8. Asha G , Jyothi A Natikar , Shrabani Mohanty, **Alapaty Shailaja**. Role of Divalent Cations in Pathophysiology of Essential Hypertension. Gal Int J Health Sci Res. 2021; 6(3): 7-15. DOI: <https://doi.org/10.52403/gijhsr.20210702>.
9. Jyothi A Natikar, Asha G, **Alapaty Shailaja**. Evaluation of the effects of biochemical markers like calcium, phosphorus and Parathormone in predicting the complications & mortality in chronic kidney Disease. International Journal of Medical and Biomedical Studies. 2021; 5(7): 137 – 142. <https://doi.org/10.32553/ijmbs.v5i7.2045>

Dr. VenkataBharath Kumar P, Professor:

1. Priyanka A, Wilma Delphine Silvia CR, **Venkata Bharat Kumar Pinnelli**, Mangala N Sirsikar, Debalina Sen. Banking on Biobank: A Cognizance. East African Scholars Journal of Medical Sciences. 2021; 4(1): 1-10. DOI: 10.36349/easms.2021.v04i01.001
2. Diana Athokpham, Shrabani Mohanty, **Venkata BharatKumar Pinnelli**. Status of Serum Calcium, Phosphorus, Magnesium and Copper in Hypothyroid Patients- A Case Control Study. Journal of Clinical and Diagnostic Research. 2020 Oct, Vol-14(10): BC05-BC08. DOI: 10.7860/JCDR/2020/44711.14094
3. Diana Athokpham, Shrabani Mohanty, **Venkata BharatKumar Pinnelli**. Alterations of serum calcium, phosphorus, magnesium and copper in hyperthyroidism patients-A case control study. Asian Journal of Pharmaceutical and Clinical Research. 2020; 13(12);1-4. DOI: <http://dx.doi.org/10.22159/ajpcr.2020.v13i12.39611>
4. **Venkata Bharat Kumar Pinnelli**, Mangala N Sirsikar, W Vishnu Vandana, Shrabani Mohanty, Wilma Delphine Silvia CR, Ranjan Kumar Mohapatra, Sabitha Vadakedath, Venkataramana Kandi. Immunobiochemical aspects in the pathogenesis, diagnosis, and management of novel coronavirus (SARS-CoV-2) infection. *Preprints* (www.preprints.org) | NOT PEER-REVIEWED | Posted: 24 September 2020.
5. Priyanka A, Venkatesha, Wilma Delphine Silvia CR, **Venkata BharatKumar Pinnelli**. Biochemical approach to sepsis: A Minireview. *Intl. J. Clin. Diag. Res.* 2020;8(5):II.
6. Jayashankar CA, **Venkata Bharat Kumar Pinnelli**, Nikhil N, Bhanu Prakash. Effect of systemic Retinoids on Lipid Profile in patients with dermatological diseases. International Journal of Medical Science and Innovative Research (IJMSIR). Volume -4, Issue -1, January - 2019, Page No. : 306 – 311.

7. Venugopal C, Shobha K, Rai KS, **Venkata Bharatkumar Pinnelli**, Kutty BM, Dhanushkodi ANeuroprotection by Human Dental Pulp Mesenchymal Stem Cells: from Billions to Nano. *Curr Gene Ther.* 2018 Sep13.
8. Sabitha Vadakedath, Venkataramana Kandi, **Venkata Bharat Kumar Pinnelli**, Vikram Godishala. A Review of Signaling Pathways and the Genetics Involved in the Development of Type 2 Diabetes: Investigating the Possibility of a Vaccine and Therapeutic Interventions to Prevent Diabetes. *American Journal of Clinical Medicine Research*, 2018, Vol. 6, No. 2, 24-34.
9. Roslin Jose, Prerana Suresh Kurtkoti, Kavyamala, Sai Subramanyam K, Sunit Lokwani, Jayashankar CA, Dyna Jones, Rohith N, **Venkata Bharat Kumar Pinnelli**, Venkata Ramana Kandi. Carcinoma of Unknown Primary: A Case Report. *American Journal of Cancer Prevention*, 2018, Vol. 6, No. 1, 1-4.
10. Chaitra Venugopal, Harish Chandra Prasad YS, Shobha K, **Venkata Bharatkumar Pinnelli**, Anandh Dhanushkodi. HEK-293 Secretome Attenuates Kainic Acid Neurotoxicity through Insulin like Growth Factor-Phosphatidylinositol-3-kinases Pathway and by Temporal Regulation of Antioxidant Defense Machineries. *Neurotoxicology*. 2017 Dec 6. pii: S0161-813X(17)30233-4. doi: 10.1016/j.neuro.2017.11.010.
11. Jaswanth Kumar Papineni, **Venkata Bharatkumar Pinnelli**, Raghavendra D. Thyroid hormone levels in chronic alcoholic liver disease patients before and after treatment. *Journal of Clinical and Diagnostic Research*. 2017 Jul, Vol-11(7):BC13-BC16.

Dr. Mangala N. Sirsikar, Associate Professor :

1. Priyanka A, Wilma Delphine Silvia CR, Venkata Bharat Kumar Pinnelli, **Mangala N Sirsikar**, Debalina Sen. Banking on Biobank: A Cognizance. *East African Scholars Journal of Medical Sciences*. 2021; 4(1): 1-10.
2. Supriya, Swapna Bondad, **Mangala Sirsikar**, Parineetha P B, Iyshwarya U, Jayaprakash M DS. Altered level of lipid profile in depression -a case control study. *International Journal Of Current Medical And Pharmaceutical Research*. 2017: 3(4);1626-1629.
3. Venkata Bharat Kumar Pinnelli, **Mangala N Sirsikar**, W Vishnu Vandana, Shrabani Mohanty, Wilma Delphine Silvia CR, Ranjan Kumar Mohapatra, Sabitha Vadakedath,

Venkataramana Kandi. Immunobiochemical aspects in the pathogenesis, diagnosis, and management of novel coronavirus (SARS-CoV-2) infection. *Preprints* (www.preprints.org) | NOT PEER-REVIEWED | Posted: 24 September 2020.

4. Dr Deepthi M ,**Dr Mangala.N.Sirsikar** ,Dr Shailaja.A. Dual role of serum calcium, Phosphorus and magnesium as a predictor of risk factors and early detection of poor outcome in late stages of Chronic kidney disease :A case control study. International Journal of Current Medical and Pharmaceutical Research, 07(03), pp 5622-5626. DOI: <http://dx.doi.org/10.24327/23956429.ijcmpr202103976>
5. Dr.Supriya, **Dr.Mangala Sirsikar**. Effect of Low Serum Vitamin B12 as an independent risk factor for development and progression Diabetic Retinopathy in type 2 DM- A case control study, manuscript no-48346 accepted by JCDR.
6. **Dr Mangala.N.Sirsikar** , Dr Deepthi M ,Dr Shailaja.A, Dr. Shrabani Mohanty. Role of early clinical exposure as an effective new teaching and learning tool in competency-based undergraduate medical curriculum. International Journal of Recent Scientific Research June 2021;Vol. 12, Issue, 06 (A), pp. 41883-41887.

Dr. Jyothi A Natikar, Assistant Professor:

1. **Jyothi A Natikar** , A Shailaja . Secondary hyperparathyroidism in patients with chronic kidney disease: A case control study. International journal of Clinical Biochemistry and Research. 2020;7(2):291-296. <http://doi.org/10.18231/j.ijcbr.2020.063>.
2. **Jyothi A Natikar**, Suhas Dhulipala, Alapaty Shailaja. Mineral disturbances in patients with CKD: A case control study. International journal of Clinical Biochemistry and Research. 2020; 7(4):451-457. <https://doi.org/10.18231/j.ijcbr.2020.095>.
3. **Jyothi A Natikar**, Asha G, Alapaty Shailaja .Correlation of thyroid hormones in patients with chronic kidney disease: an observational study. International Journal of Medical and Biomedical Studies.2021; 5(6): 117-121. DOI: <https://doi.org/10.32553/ijmbs.v5i6.1975>
4. **Jyothi A Natikar**, Asha G, Alapaty Shailaja. Role of Serum Alkaline Phosphatase Levels as an Early Marker of Disease Progression in Chronic Kidney Disease.2021; Gal Int J Health Sci Res. 2021; 6(3): 1-6. <https://doi.org/10.52403/gijhsr.20210701>

5. Asha G , **Jyothi A Natikar** , Shrabani Mohanty, Alapaty Shailaja. Alteration in serum magnesium levels in patients with essential hypertension. International Journal of Medical and Biomedical Studies.2021; 5(6):110-116
<https://doi.org/10.32553/ijmbs.v5i6.1974>
6. Asha G , **Jyothi A Natikar** , Shrabani Mohanty, Alapaty Shailaja . Role of Divalent Cations in Pathophysiology of Essential Hypertension. Gal Int J Health Sci Res. 2021; 6(3): 7-15. DOI: <https://doi.org/10.52403/gijhsr.20210702>.
7. **Jyothi A Natikar**, Asha G, Alapaty Shailaja. Evaluation of the effects of biochemical markers like calcium, phosphorus and Parathormone in predicting the complications & mortality in chronic kidney Disease. International Journal of Medical and Biomedical Studies. 2021; 5(7): 137 – 142.
<https://doi.org/10.32553/ijmbs.v5i7.2045>

Dr. Asha G, Assistant Professor:

1. Saiqa Rasool Shah, Shrabani Mohanty, **Asha G**. A study of serum MDA and TAC in patients of Cervical Cancer. Journal of evolution Medicine and Dental Sciences. 2017 ; 6(53); 4030-4033.
2. Jyothi A Natikar, **Asha G**, Alapaty Shailaja. Correlation of thyroid hormones in patients with chronic kidney disease: an observational study. International Journal of Medical and Biomedical Studies.2021; 5(6): 117-121. DOI: <https://doi.org/10.32553/ijmbs.v5i6.1975>
3. Jyothi A Natikar, **Asha G**, Alapaty Shailaja. Role of Serum Alkaline Phosphatase Levels as an Early Marker of Disease Progression in Chronic Kidney Disease.2021; Gal Int J Health Sci Res. 2021; 6(3): 1-6. <https://doi.org/10.52403/gijhsr.20210701>
4. **Asha G** , Jyothi A Natikar , Shrabani Mohanty, Alapaty Shailaja. Alteration in serum magnesium levels in patients with essential hypertension. International Journal of Medical and Biomedical Studies.2021; 5(6):110-116
<https://doi.org/10.32553/ijmbs.v5i6.1974>
5. **Asha G** , Jyothi A Natikar , Shrabani Mohanty, Alapaty Shailaja . Role of Divalent Cations in Pathophysiology of Essential Hypertension. Gal Int J Health Sci Res. 2021; 6(3): 7-15. DOI: <https://doi.org/10.52403/gijhsr.20210702>.
6. Jyothi A Natikar, **Asha G**, Alapaty Shailaja. Evaluation of the effects of biochemical markers like calcium, phosphorus and Parathormone in predicting the complications & mortality in chronic kidney Disease. International Journal of

Medical and Biomedical Studies. 2021; 5(7): 137 – 142.
<https://doi.org/10.32553/ijmbs.v5i7.2045>

Dr Deepthi, Assistant Professor:

1. **Dr Deepthi M** ,Dr Mangala.N.Sirsikar ,Dr Shailaja.A. Dual role of serum calcium, Phosphorus and magnesium as a predictor of risk factors and early detection of poor outcome in late stages of Chronic kidney disease :A case control study. International Journal of Current Medical and Pharmaceutical Research, 07(03), pp 5622-5626. DOI: <http://dx.doi.org/10.24327/23956429.ijcmpr202103976>.
2. Dr Mangala.N.Sirsikar , **Dr Deepthi M** , Dr Shailaja.A, Dr. Shrabani Mohanty. Role of early clinical exposure as an effective new teaching and learning tool in competency-based undergraduate medical curriculum. International Journal of Recent Scientific Research June 2021;Vol. 12, Issue, 06 (A), pp. 41883-41887.