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Prof. L.V.K.S. Bhaskar

Qualifications

PhD (Physiology and Endocrinology) - Awarded in December 2002 from Sri Venkateswara University, Tirupati, India.

M.Sc (Zoology) - Got first class in the year 1996, from S.V. University, Tirupati, A.P., India.

P.G. Dip. In Fishery Science and Aquaculture - Got Distinction in the year 1995, from Sri Venkateswara University, Tirupati, India.

B.Sc (Zoology, Botany and Chemistry) - Got first class in the year 1994, from Sri Venkateswara University, Tirupati, India

Area of Interest: Molecular Epidemiology

Experience

Dean, School of Studies in Life Sciences: Guru Ghasidas Vishwavidyalaya, Bilaspur (22 November 2019 to 21 November 2022)

Senior Scientist, Sickle Cell Institute Chhattisgarh, Raipur (21st March 2014 to October 2019).
Associate Professor, Department of Biomedical Sciences, Sri Ramachandra University, Chennai, India (December 2012 to February 2014).

Assistant Professor, Department of Biomedical Sciences, Sri Ramachandra University, Chennai, India (June 2007 to December 2012).

Post-Doctoral Fellow, Graduate Institute of Medical Genetics, Kaohsiung Medical University, Kaohsiung, Taiwan (1-1-2009 – 21-5-2009)

Post-Doctoral Fellow (Human Genetics) at Centre for Cellular and Molecular Biology, Hyderabad, India. (7-4-2003 to 26-5-2007)

Awards and Honors

1. Received **Prof. K. Pampapathi Rao memorial Gold Medal for the Best Young Scientist research presentation** in a National conference conducted by Indian Society for Comparative Animal Physiology during 26th – 28th February 2003.
2. Received **Travel scholarship** to Participate and present paper in 4th Indo Australian conference on biotechnology held at QIMR, Brisbane (Qld) Australia during 7th- 9th May 2007.
3. Received **15th place in the analysis of meritorious research publications** of Sri Ramachandra University, 2010.
4. Received **3rd place in the analysis of meritorious research publications** of Sri Ramachandra University, 2011.
5. Received **Best Paper Award-2020 & Commendation Medal** for the paper entitled “Current Updates and treatment strategy of the European and WHO Registered Clinical Trials of Coronavirus Diseases 2019 (COVID-19). Biomedical Journal, 2020”, from Guru Ghasidas Vishwavidyalaya, Bilaspur.
6. Received **Best Teacher Award-2020 & Commendation Medal** From Guru Ghasidas Vishwavidyalaya, Bilaspur.
7. Received **Best Paper Award-2021 & Commendation Medal** for the paper entitled “Physical Activity and Nutritional Influence on Immune Function: An Important Strategy to Improve Immunity and Health Status. Frontiers in physiology. 2021”, from Guru Ghasidas Vishwavidyalaya, Bilaspur.
8. Received **Best Teacher Award-2021 & Commendation Medal** From Guru Ghasidas Vishwavidyalaya, Bilaspur.

Research Projects

1. Evaluating the interrelationship between miRNA expression and SNPs in miRNA-Target genes in sickle cell disease. CSIR (Sanction order no.27(0371)/20/EMR-II, Dated 17-072020) 32.16 Lakhs (01-08-2020 to 30-07-2023).
2. Association of apelin with the vaso-occlusive pain crisis and pain measures in sickle cell disease. ICMR – (Letter no. 56/4/2019-Hae/BMS Dated 08-07-2019) - 25 lakhs (06-122021 to 05-12-2024).
3. Identification and Correlation of β -Globin Gene Cluster Haplotypes with Clinical and Hematologic Features of Sickle Cell Anaemia in Chhattisgarh. Chhattisgarh Council of Science & Technology, Raipur (C.G.) (Endt.No. 2740/CCOST/MRP/2015. Dated 24-032015) 5 lakhs (1-3-2015 to 30-3-2017).
4. Identification of susceptibility genes associated with non-syndromic cleft lip with or without cleft palate in Indian Population: ICMR (Project Ref. No. 54/15/2007-BMS)- 25 lakhs (26-10-2009 to 25-10-2012).
5. Evaluation of insulin metabolic gene(s) polymorphisms in the pathogenesis of polycystic ovary syndrome (PCOS). DBT (Project Ref. No. BT/PR14090/GBD/27/275/2010)-21 lakhs (20-10-2010 to 20-10-2013).

International Collaboration

College of physical education and health sciences, Zhejiang Normal University (ZJNU), Jinhua, Zhejiang, China.

FIOCRUZ – Fundação Oswaldo Cruz - Instituto Aggeu Magalhães, Recife, PE– Brazil

Consultancy

KORBA SUPER THERMAL POWER STATION, NTPC Ltd. To study the Impact of the NTPC ash dyke on the presentation benthic fauna, Riparian vegetation and community health in the Hasdev river basin.

List of Publications (All)

1. Sahu A, Narayan Padhi U, **Bhaskar LVKS**. Defining vitamin D deficiency in patients with sickle cell disease; A meta-analysis. *J Parathyr Dis.* 2022;10:e11154. doi: 10.34172/jpd.2022.11154.
2. Verma HK, Ratre YK, Bhaskar LVKS, Sahu T, Lingojwar DP. Hematopoietic stem cell transplant therapy, clinical trials, complications, and quality of life for patients with Sickle cell anemia: Clinical potential and future perspectives. *Iran J Ped Hematol Oncol.* 2022, Vol 12, No 2, 199-207
3. Sagar J, Manas Ranjan P, Falguni S, Neha M, Bhaskar LVKS. Dietary phytochemicals for colon cancer therapy. *Onco Therapeutics.* 2022; DOI: 10.1615/OncoTherap.2022046215
4. Bhaskar LVKS, Pattnaik S. ACE I/D polymorphism is not a genetic modifier of renal features in sickle cell anemia patients. *J Ren Endocrinol.* 2022;8:e17069. doi: 10.34172/jre.2022.17069.
5. Bharath, G.; Vishnuprabu, D. P.; Preethi, L.; Nagappan, A. S.; Isravanya, R. T. D.; Bhaskar, L. V.; Swaminathan, N.; Munirajan, A. K., SLCO1B1 and ABCB1 variants synergistically influence the atorvastatin treatment response in south Indian coronary artery disease patients. *Pharmacogenomics.* Published Online: 15 Aug 2022 <https://doi.org/10.2217/pgs-2022-0044> (Impact factor: 2.638).
6. Neha M, Sai SB, Afroz A, Bhaskar LVKS, The correlation between MDM2 SNP309 T > G polymorphism and hepatocellular carcinoma risk – A meta-analysis, *Human Gene*, 2022,201087, <https://doi.org/10.1016/j.humgen.2022.201087>.
7. Sahu T, Verma HK, Bhaskar LVKS. Management of SARS-CoV-2 infection is a major challenge in patients with lymphoid malignancies: Warrants a clear therapeutic strategy. *World J Virol* 2022; 0(0): 0-0
8. Verma HK, Prasad K, Kumar P, Bhaskar LVKS. Viral hepatitis: A global burden needs future directions for the management. *World J Gastroenterol* 2022; 28(16): 1718-1721 [DOI: 10.3748/wjg.v28.i16.1718] (Impact factor: 5.742).
9. Rose MM, Shankar D, Bharath G, Murali K, Subbiah S, Bhaskar LVKS, Murugan AK, Munirajan AK. Linc-ROR genetic variants are associated with the advanced disease in oral squamous cell carcinoma. *Archives of Oral Biology*, Volume 139, 2022, 105428, ISSN 0003-9969.
10. Sahu T, Verma HK, Bhaskar LVKS. Bacterial and fungal co-infection is a major barrier in COVID-19 patients: A specific management and therapeutic strategy is required. *World J Virol* 2022; 11(2): 107-110.

11. Sahu B, Swarnakar S, Verma HK, Reddy TPK, Pattnaik S, Bhaskar LVKS. The M235T polymorphism in the angiotensinogen gene is not a major risk factor for diabetic nephropathy; a meta-analysis. *J Prev Epidemiol.* 2022;7(1):e15.
12. Panda P, Verma HK, Lakkakula S, Merchant N, Kadir F, Rahman S, Jeffree MS, Bhaskar LVKS, Rao PV. Biomarkers of Oxidative Stress Tethered to Cardiovascular Diseases. *Oxid Med Cell Longev.* 2022 Jun 24;2022:9154295. doi: 10.1155/2022/9154295.
13. Soares, F. C. S., Araújo, R. M., Werkhauser, R. P., Diniz, G. T., Bhaskar LVKS., Carvalho, V. D. C. V., Tashiro, T., Amorim, E. A. S., Silva, L. C. A., Montenegro, S. T., Neco, H. V. P. C., Moraes, C. N. L., Martins, D. B. G., & Montenegro, S. M. L. Influence of Neuropeptide Y and Neuropeptide Y 2 Receptor Variants in Acute Coronary Syndrome. *Int J Cardiovasc Sci.* 2022. 35(4), 444-456.
14. Padhi UN, Madhubala M, Saikrishna L, Verma HK and Bhaskar LVKS. NOS3 gene intron 4 a/b polymorphism is associated with ESRD in autosomal dominant polycystic kidney disease patients. *Brazilian Journal of Nephrology.* 2022, <https://doi.org/10.1590/2175-8239-JBN-2021-0089>.
15. Jahangiri D, Najmaldin A, Bhaskar LVKS. Ameliorative impact of sodium–glucose cotransporter-2 inhibitors in diabetic kidney disease; a mini- review to current evidence. *J Renal Inj Prev.* 2022; x(x): x-x. doi:10.34172/jrip.2022. xx.
16. Bhaskar LVKS, Pattnaik S. IL1RN VNTR Polymorphism and kidney damage in sickle cell anemia patients. *J Nephroarmacol.* 2022;11(x):x-x. DOI: 10.34172/npj.2021.xx.
17. Ghanta MK, Nayaka SR, Nuthalapati P, Afzal Khan AK, Elango P, Bhaskar LVKS. Molecular docking study of Momordica charantia Linn phytoconstituent with caspase 3 and implications for renoprotective actions in diabetes mellitus. *J Nephroarmacol.* 2022;11(x):x-x. DOI: 10.34172/npj.2021.xx
18. Verma HK, Bhaskar LVKS. Gender differences in the relationship between alcohol consumption and gastric cancer risk are uncertain and not well-delineated. *World J Gastrointest Oncol* 2021; 13(12): 2216-2218. (Impact factor: 3.393)
19. Manas P, Verma H, Saikrishna L, Bhaskar LVKS, Hussain SA. Association between MTHFD1 1958G>A variant and non-syndromic cleft lip and palate: an Updated Meta-Analysis. *The Cleft Palate-Craniofacial Journal* 2021. (Impact factor: 1.433).
20. Chen B, Manish Y, Madhubala M, Saikrishna L, Verma HK, Ye W, Bhaskar LVKS. Meta-analysis on the association of neuropeptide Y rs16139 variant with the risk of alcoholism. *Frontiers in Psychiatry.* 2021 (Impact factor: 3.532).
21. Meher R, Swarnakar S, Saikrishna L, Verma HK and Bhaskar LVKS. Interleukin-6 gene -174G>C promoter polymorphism reduces the risk of periodontitis in Brazilian populations. *Journal of Oral Biosciences.* 2021; 64(4): 388-393.
22. Shao Tianyi, Dr. Henu Kumar verma, Babita Pande, Vincenzo Costanzo, Weibing Ye, Cai Yuyan, Bhaskar LVKS. Physical Activity and Nutritional Influence on Immune Function: An Important Strategy to Improve Immunity and Health Status. *Frontiers in physiology.* 2021. (Impact factor: 4.566).
23. Verma HK, Merchant N, Bhaskar LVKS. Reply to the comments on letter to the editor on review article "Current Updates and treatment Strategy of the European and WHO Registered Clinical Trials of Coronavirus Disease 2019". 2022 Feb;45(1):217-218. doi: 10.1016/j.bj.2021.10.008.
24. Verma HK, Bhaskar LVKS. SARS-CoV-2 infection in people with pre-existing liver disease: Further research is warranted. *World J Gastroenterol* 2021; (Impact factor: 5.742).

25. Bhaskar LVKS and Pattnaik S. The HBG2 rs7482144 (C > T) Polymorphism is Linked to HbF Levels but not to the Severity of Sickle Cell Anemia. *Journal of Pediatric Genetics*. 2021. DOI: 10.1055/s-0041-1733950
26. Bhaskar LVKS and Pattnaik S. HBB gene cluster haplotype diversity in sickle cell anemia patients of Chhattisgarh, India. *Journal of Applied Biology & Biotechnology* Vol. 9(05), pp. 64-69, September, 2021. DOI: 10.7324/JABB.2021.9509
27. Bhaskar LVKS and Pattnaik S. Association of clinical and hematological variables with the disease severity in Indian sickle cell anemia patients. *Research Journal of Pharmacy and Technology*. 2021; 14(10): 5254-5257. DOI: 10.52711/0974-360X.2021.00915
28. Dorsa J, Udit NP, Verma HK, Bhaskar LVKS, Nasri H. Sodium-Glucose Co-transporter 2 Inhibitors (SGLT2i) a preventive factor of kidney failure in patients with type 2 diabetes: A meta-analysis of Randomized Controlled Trials. *J Renal Inj Prev*. 2021; 10(4): e35.
29. Bahadoram M, Bhaskar LVKS, Nekouei Shahraki M, Mohammadi Jouabadi S, Onuigbo M, Labaykee S, Ahmadizar S, Mahmoudian-Sani MR, Peymani P. World Kidney Day 2021 with the theme of living well with kidney disease; a review of current concepts. *J Prev Epidemiol*. 2021;6(1):e08. doi: 10.34172/jpe.2021.xx.
30. Nuthalapati P, Ghanta MK, Natesh NS, Bhaskar LVKS. Association of hypercoagulation with severe acute respiratory syndrome coronavirus 2 infection. *Blood Res*. 2021; 56(2): 61-64. doi: 10.5045/br.2021.2021011. Epub ahead of print. PMID: 34083499.
31. Pavitra E, Dariya B, Srivani G, Kang SM, Alam A, Sudhir PR, Kamal MA, Raju GSR, Han YK, Bhaskar LVKS, Nagaraju GP, Huh YS. Engineered nanoparticles for imaging and drug delivery in colorectal cancer. *Semin Cancer Biol*. 2021;69:293-306. (Impact factor: 15.707).
32. Sahu T, Mehta A, Ratre YK, Jaiswal A, Vishvakarma NK, Bhaskar LVKS, Verma HK. Current understanding of the impact of COVID-19 on gastrointestinal disease: Challenges and openings. *World J Gastroenterol*. 2021 Feb 14;27(6):449-469. doi: 10.3748/wjg.v27.i6.449. PMID: 33642821; PMCID: PMC7896435. (Impact factor: 5.742).
33. Ghanta MK, Merchant N, Bhaskar LVKS. A Review On Hematopoietic Stem Cell Treatment For Epilepsy. *CNS & Neurological Disorders Drug Targets*. 2021 Feb. DOI: 10.2174/1871527320666210218085816. (Impact factor: 4.388)
34. Ginila T. Raju, Bhaskar L.V.K.S, Venkatesh Babu Gurramkonda, Syed Altaf Hussain, Solomon F.D. Paul. Genetic variations at 10q26 regions near FGFR2 gene and its association with non-syndromic cleft lip with or without cleft palate. *International Journal of Pediatric Otorhinolaryngology*, 2021, 43,110648. <https://doi.org/10.1016/j.ijporl.2021.110648>. (Impact factor: 1.675)
35. Bhaskar, L.V.K.S. Susceptibility to vascular complications in sickle cell anemia patients is associated with intron 4a/b polymorphism of the NOS3 gene: A meta-analysis. *Meta Gene*, 2021, 28, 100870. <https://doi.org/10.1016/j.mgene.2021.100870>.
36. Sahu T, Ratre YK, Chauhan S, Bhaskar LVKS, Nair MP, Verma HK. Nanotechnology based drug delivery system: Current strategies and emerging therapeutic potential for medical science. *Journal of Drug Delivery Science and Technology* 2021;63: 102487. (Impact factor: 3.981)
37. Verma, H.K., Ratre, Y.K., Bhaskar, L.V.K.S. et al. Erythrocyte microRNAs: a tiny magic bullet with great potential for sickle cell disease therapy. *Ann Hematol* (2021). <https://doi.org/10.1007/s00277-020-04390-y> (Impact factor: 3.673)

38. Ratre, Y.K., Kahar, N., Bhaskar, L.V.K.S. et al. Molecular mechanism, diagnosis, and potential treatment for novel coronavirus (COVID-19): a current literature review and perspective. *3 Biotech* 2021; 11, 94. (Impact factor: 2.406)
39. Ghanta MK, Akbar Khan AK, Bhaskar LVKS. Diagnostic and prognostic implications of cardiac markers for hepatocellular carcinoma. *Critical Reviews in Oncogenesis*. 2021; 26(1):1–10.
40. Mishra G, Gautam S, Kumara Reddy TP, Bhaskar LVKS. Interleukin-10 gene promoter variants and susceptibility to diabetic nephropathy; a meta-analysis. *J Nephrothol*. 2021;10(x):exx. DOI: 10.34172/jnp.2021.xx.
41. Ahmadipour E, Bhaskar LVKS, Vahdani G, Tolouian R, Ragati Haghi H, Delgado D, da Silva LAF, Hafizi M. Understanding kidney injury in COVID-19; a pressing priority. *J Nephroarmacol*. 2021;10(2):e19. DOI: 10.34172/npj.2021.19
42. Chegini R, Mojtahedi Z, Bhaskar LVKS, Pezeshgi A, Niazi S, Nasri H. COVID-19 and the kidney; mechanisms of tubular injury by SARS-CoV-2. *J Renal Inj Prev*. 2021; 10(1): e08, doi: 10.34172/jrip.2021.08
43. Momenzadeh M, Khosravian M, Bhaskar LVKS. Potential of renin-angiotensin system inhibition to improve metabolic bone disorders. *J Nephroarmacol*. 2021;10(2):e16. DOI: 10.34172/npj.2021.16.
44. Momenzadeh M, Bhaskar LVKS. Metformin induced acute kidney injury; a systematic review. *J Nephroarmacol*. 2021;10(2):e13. DOI: 10.34172/npj.2021.13.
45. Ghanta MK, Bhaskar LVKS. Perspectives on the relationship of urolithiatic markers and primary hyperparathyroidism. *J Parathyroid Dis*. 2021;9(1):e02.
46. Alebrahim-Dehkordi E, Mazaheri E, Roshan B, Bhaskar LVKS, Hasanpour-Dehkordi A, Khosravian M. Strive for kidney health for everyone during COVID-19; the possible theme for the world kidney day 2021. *J Nephroarmacol*. 2021; 10(2): e12. DOI: 10.34172/npj.2021.xx
47. Sepahi MA., Bhaskar LVKS., Roshan, B. and Yalameha, B. Glomerulonephritis associated with SARS-CoV-2 infection. *J Nephroarmacol*, 2021., 10(1), pp.e07-e07.
48. Asgharpour M, Tolouian A, Bhaskar LVKS, Tolouian R, Massoudi N. Herbal antioxidants and renal ischemic-reperfusion injury; an updated review. *J Nephroarmacol*. 2021;10(1):e03.
49. Ratre YK., Vishvakarma, NK., Falco G. and Bhaskar LVKS., Verma HK. Dynamic Propagation and impact of pandemic influenza A (2009 H1N1) in children: A detailed Review. *Current Microbiology*. 2020, 77(12):3809-3820. (Impact factor: 2.188)
50. Swarnakar S, Patra PK, Verma HK, Khodiar PK, Bhaskar LVKS. Coinheritance of -3.7 Alpha-Thalassaemia Deletions Among Sickle Cell Anaemia Patients in Chhattisgarh, India, *Malaysian Journal of Human Genetics*. 2020; 1(2): 13-21.
51. Verma HK, Shasikant S, Bhaskar LVKS. Genetic association of GSTM1, GSTT1, and GSTP1 polymorphisms with sickle cell disease complications: a systematic review and meta-analysis. *Meta Gene* 2020. 100815
52. Rakshit, S., Lakkakula, S., & LVKS, B. (2020). CaSR gene A986S polymorphism contributes to the increased risk of primary hyperparathyroidism: A meta-analysis. *Polymorphism*, 5; 87-95.
53. Verma HK, Merchant N, Verma MK, Kuru CI, Singh AN, Ulucan F, Verma P, Bhattacharya A and Bhaskar LVKS. Current Updates and treatment strategy of the European and WHO Registered Clinical Trials of Coronavirus Diseases 2019 (COVID-19). *Biomedical Journal*, 2020. (Impact factor: 4.910)

54. Bhaskar LVKS., Roshan B. and Nasri H. The fuzzy connection between SARS-CoV-2 infection and loss of renal function. *American Journal of Nephrology*, 2020: 51(7):572-573. (Impact factor: 3.754)
55. Verma HK, Neha M., Bhaskar, LVKS. Tumor necrosis factor-alpha gene promoter polymorphisms (-308 G>A) increase the risk of hepatocellular carcinoma in Asians; a Meta-analysis. *Critical Reviews™ in Oncogenesis*. 2020: 25(1):11-20.
56. Verma HK., Ratre YK., Mazzone P., Falco G. and Bhaskar LVKS. MicroRNA facilitated chemoresistance in gastric cancer: Novel biomarkers and potential therapeutics. *Alexandria Journal of Medicine*. 2020: 56:1, 81-92.
57. Bahadoram, M., Keikhaei, B., Mahmoudian-Sani, M., & Bhaskar LVKS. COVID-19 and nephrology; a letter to the editor on current concepts. *J Renal Endocrinol*, 2020; 6, e08.
58. Verma HK, Batoul F, Bhaskar LVKS. Convalescent Plasma Transfusion a Promising Therapy for Coronavirus Diseases 2019 (COVID-19): Current updates. *Antibody Therapeutics*, 2020:3(2):115-125.
59. Verma HK, Bhaskar LVKS. MicroRNA a small Magic Bullet for Gastric Cancer. *Gene*. 2020: 753:144801. (Impact factor: 4.096)
60. Yalameha B, Roshan B, Bhaskar LVKS, Mohmoodnia L. Perspectives on the relationship of renal disease and coronavirus disease 2019. *J Nephroarmacol*. 2020;9(2):e22.
61. Jyothsna K, Begum D, Saimila M, Prasad IDV, Bhaskar LVKS, Bramhachari PV, Alam A. HIF1A C1772T genetic variation is associated with the elevated risk of breast cancer among Asians: an updated meta-analysis. *Meta Gene*. 2020, 25: 100722.
62. Jyothsna K, Prasad IDV, Bhaskar LVKS, Bramhachari PV and Alam A. Meta-Analysis of NFKB1 -94 ATTG Ins/Del Polymorphism and Risk of Breast Cancer. *Current Drug Metabolism*, 2020, 21 (3), 221 – 225. (Impact factor: 3.731)
63. Valizadeh R., Baradaran A., Mirzazadeh A., Bhaskar LVKS. Coronavirus-nephropathy; renal involvement in COVID-19. *Journal of renal injury and prevention*. 2020; 9(2): e18.
64. Ghanta MK, Elango P, Bhaskar LVKS. Current Therapeutic Strategies and Perspectives for Neuroprotection in Parkinson's Disease. *Curr Pharm Des*. 2020, 26(37):4738-4746. (Impact factor: 3.116)
65. Vinothkumar V., Arun K., Arunkumar G., Revathidevi S., Ramani, R., Bhaskar LVKS., Murugan AK. and Munirajan. Association between functional TERT promoter polymorphism rs2853669 and cervical cancer risk in South Indian women. *Molecular and Clinical Oncology*. 2020: 12(5):485-494.
66. Ginila RT, Bhaskar LVKS, Jyotsna, Solomon FDP. Parental transmission effect of PDGF-C gene variants on non-syndromic cleft lip with or without cleft palate. *Meta Gene*. 2020, 24: 100669.
67. Saikrishna L., Verma HK., Bhaskar LVKS. The K469E genetic variant in the ICAM1 gene is associated with type 2 diabetes but not with its vascular complications: a meta-analysis. *Journal of Nephroarmacology*. 2020; 9(2): e16.
68. Bhaskar LVKS., Sengupta S, Agrawal J, Singh S, Mendhey P, Jangde P, Sharma A, Pande PA, Krishan P, Shukla P, Momin S. Maternal and infant MTHFR gene polymorphisms and non-syndromic oral cleft susceptibility: An updated meta-analysis. *Process Biochemistry*. 2020; 89: 81-88. (Impact factor: 3.757)

69. Akhavan Sepahi M, Bhaskar LVKS, James Kellner SJ, Valizadeh R. Administration of metformin in type 2 diabetes mellitus patients with chronic kidney disease; facts and myths. *J Nephropathol.* 2020;9(1):e04
70. Bhaskar LVKS, Nagaraju GP. Clinical and Immunogenetic Aspects of Systemic Lupus Erythematosus. *Critical Reviews™ in Immunology.* 2019;39(5): 343-360. (Impact factor: 2.214)
71. Rakshit S, Khare RL, Bhaskar, LVKS. Meta-analysis shows no association of CYP3A5*3 variant with acute renal rejection in kidney-transplant patients receiving tacrolimus-based immunotherapy. *J Prev Epidemiol.* 2020;4(2):exe18.
72. Akhavan Sepahi M, Bhaskar LVKS, Tolouian A, Tolouian R. Apolipoprotein L1 associated nephropathy; an overview. *J Renal Inj Prev.* 2019; 8(4): 311-315. DOI: 10.15171/jrip.2019.57.
73. Verma HK, Kampalli PK, Lakkakula S, Chalikonda G, Bhaskar LVKS, Pattnaik S. A Retrospective Look at Anti-EGFR Agents in Pancreatic Cancer Therapy. *Curr Drug Metab.* 2019;20(12):958-966. (Impact factor: 3.731)
74. Bhaskar LVKS, Khare RL, Verma HK, Pattnaik S. Genetic association of ACE gene I/D polymorphism with the risk of diabetic kidney disease; a meta-analysis. *J Nephropathol.* 2019;8(4):e44.
75. Bhaskar LVKS. Genetic screening in sickle cell anemia patients. *Polymorphism,* 2019: 3(2019);35-37.
76. Gayathri C., Neha M., Bhaskar LVKS., Nagaraju GP. DNA Fingerprint Technology: Its Application in Detection of Pancreatic Cancer. *Critical Reviews in Oncogenesis.* 2019; 24 (2):133-137.
77. Saikrishna L., Gayathri, C., Bhaskar LVKS. Nanoparticles in pancreatic cancer imaging and therapy. *Critical Reviews in Oncogenesis.* 2019; 24 (2):139-148.
78. Gupta A, Sharma S, Saikrishna L, Bhaskar LVKS. Association between the methylenetetrahydrofolate reductase (MTHFR) gene 677C>T and 1298A>C polymorphisms and the risk of diabetic nephropathy; a meta-analysis. *J Renal Inj Prev.* 2019; 8(3): 175-184.
79. Bhaskar LVKS. Factor V Leiden and prothrombin G20210A mutations and risk of vaso-occlusive complications in sickle cell disease: A meta-analysis through the lens of nephrology. *Journal of Nephro pharmacology.* 2019; 8(1): e03.
80. Bhaskar LVKS. Association between MTHFR 677C>T polymorphism and vascular complications in sickle cell disease: A meta-analysis. *Transfusion Clinique et Biologique.* 2019: 26(4):284-288 (Impact factor: 1.406).
81. Verma HK, Saikrishna L, Bhaskar LVKS. Association between the PSCA rs2294008 C>T polymorphism and the risk of gastric cancer: A meta-analysis. *Polymorphism,* 2019: 2(2019);42-50.
82. Bhaskar LVKS. and Arvind N. Parathyroid hormone abnormalities in sickle cell anemia patients. *Journal of Parathyroid disease* 2019. 7(1),1–4.
83. Bhaskar LVKS, Farran B, Saikrishna L, Peela S, Yarla NS, Bramhachari PV, Kamal MA, Saddala MS, Nagaraju GP. Small molecule tyrosine kinase inhibitors and pancreatic cancer-Trials and troubles. *Semin Cancer Biol.* 2019; 56:149-167. (Impact factor: 15.707)
84. Mohankrishna G., Elango P., Bhaskar LVKS., Anbumani N. 1H-[1,2,4]oxadiazolo [4,3-a]quinoxalin-1-one attenuates oxidative trauma and recuperate beam walk and adhesive removal behavior in MPTP Parkinsonian mice model. *Biomedical and Pharmacology Journal.* 2018;11(4): 2011-2017.

85. Pooja S., Vamsi L., Bhaskar LVKS. and Suresh Rao R. Differential expression of Periostin, Sclerostin, Receptor Activator of Nuclear factor κ B and Receptor Activator of Nuclear factor κ B Ligand genes in severe chronic periodontitis. *Journal of Investigative and Clinical Dentistry*. 2018 Oct 29:e12369.
86. Bhaskar LVKS., Radharani S., Verma HK., Saikrishna L. Pain management issues as part of the comprehensive care of patients with sickle cell disease. *Pain Management Nursing* 2018, 19(6):558-572. (Impact factor: 1.929)
87. Jha AN, Mishra H, Verma H, Pandey I, Bhaskar LVKS. Compound Hetrozygosity of α -Thalassemia and Sickle Hemoglobin in Various Populations of Chhattisgarh State, India. *Hemoglobin* 2018 Mar;42(2):84-90. (Impact factor: 0.849)
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200. Bhaskar LVKS and Rao MR. "Inhibition of rat brain nitric oxide synthase activity by phosalone in vitro". *Bulletin of pure and applied science*, 2000. 19A (2) 117-119.
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Recent Books/Book Chapters/Monographs etc.

Books

1. Bioenergetics and Energy Metabolism in Crustaceans: ISBN: 978-1-329-87927-0; Lulu Press, Inc.
2. Detox Genes: The Pathway to Cancer: CreateSpace, a DBA of On-Demand Publishing, LLC. ISBN-13: 978-1534786523; ISBN-10: 153478652X

Edited Books and Chapters

1. Nisha S, Samrat R and Bhaskar LVKS (2022). Chapter 3 - Risk factors and pathogenic mechanism associated hepatocellular carcinoma. pp. 33-49. In: Ganji N, Sujatha P, eds. *Theranostics and Precision Medicine for the Management of Hepatocellular Carcinoma, Volume 1. Biology and Pathophysiology*. San Diego: Elsevier Inc./Academic Press, pp. 33-49. ISBN: 9780323988063.
2. Tarun S, Arundhati M, Verma HK and Bhaskar LVKS. (2022) Chapter 15- Multidrug resistance, a major obstacle in hepatocellular carcinoma treatment: challenges and future perspectives. In: Ganji N, Ramakrishna V, eds. *Theranostics and Precision Medicine for the Management of Hepatocellular Carcinoma, Volume 2. Diagnosis, Therapeutic Targets, and Molecular Mechanisms*. San Diego: Elsevier Inc./Academic Press, pp. 227-253. ISBN: 9780323988070

3. Mohan Krishna G, Mohammad Faiz H, Asmita K, Sirpu NN, Poojith N and Bhaskar LVKS. (2022) Chapter 25 - Pharmacogenomics and outcomes for hepatocellular cancer treatment. In: Ganji N, Sarfraz A, eds. *Theranostics and Precision Medicine for the Management of Hepatocellular Carcinoma, Volume 3. Translational and clinical outcomes*. San Diego: Elsevier Inc./Academic Press. Academic Press, pp. 401-414. ISBN: 9780323992831
4. Verma HK, Farran B and Bhaskar LVKS (2021). Chapter 9 - Immune response, inflammation pathway gene polymorphisms, and the risk of cervical cancer. In: Basha R, Ahmad S, eds. *Overcoming Drug Resistance in Gynecologic Cancers*. Academic Press, pp. 207-223.
5. Verma, HK., Neha M., Bhaskar LVKS. Chapter 10: Association Between IL6 Gene Polymorphisms and Gastric Cancer Risk: A Meta-Analysis of Case-Control Studies. In: Ramakrishna V and Nagaraju GP, (eds). *Immunotherapy for Gastrointestinal Malignancies*. Springer Nature publishers, 2021: ISBN: 978-981-15-6486-4.
6. Mohan Krishna Ghanta, Santosh C. Gursale, Narayan P. Burte, and L.V.K.S. Bhaskar. "Chapter 13: Pharmacoeconomics and cost-effectiveness of treatments related to breast and cervix cancers". In: Rama Rao M and Nagaraju GP, (eds). *A theranostic and precision medicine approach for female-specific cancers*. San Diego: Elsevier Inc./Academic Press, 2020: ISBN: 9780128220092.
7. Samrat Rakshit and L.V.K.S. Bhaskar. "Chapter 16: CYP1B1 rs1056836 polymorphism and endometrial cancer risk: A meta-analysis". In: Rama Rao M and Nagaraju GP, (eds). *A theranostic and precision medicine approach for female-specific cancers*. San Diego: Elsevier Inc./Academic Press, 2020: ISBN: 9780128220092.
8. Samrat, R., Bhaskar LVKS. "Chapter 10: An Intergenic Variant rs4779584 Between SCG5 and GREM1 Contributes to the Increased Risk of Colorectal Cancer: A Meta-Analysis". In: Sujatha, P., and Nagaraju GP. (Eds.). "Diagnostics and Therapeutic Advances in GI Malignancies". Springer Nature publishers.2020. ISBN 978-981-15-5470-4.
9. Ghanta, MK., Santosh, CG., Bhaskar LVKS. "Chapter 7: Understanding Colorectal Cancer: The Basics". In: Rama Raju, GSR., Bhaskar, LVKS. (Eds.). "Theranostics Approaches to Gastric and Colon Cancer". Springer Nature publishers.2020. ISBN 978-981-15-2017-4.
10. Verma, HK., Geppino F., Bhaskar LVKS. "Chapter 8: Molecular Signaling Pathways Involved in Gastric Cancer Chemoresistance". In: Rama Raju, GSR., Bhaskar, LVKS. (Eds.). "Theranostics Approaches to Gastric and Colon Cancer". Springer Nature publishers.2020. ISBN 978-981-15-2017-4.
11. Bhaskar, LVKS., Akriti, G. and Pattnaik S. "Chapter 9: Meta-Analysis Reveals no Significant Association of EPHX1 Tyr113His and His139Arg Polymorphisms with the Colorectal Cancer Risk". In: Rama Raju, GSR., Bhaskar, LVKS. (Eds.). "Theranostics Approaches to Gastric and Colon Cancer". Springer Nature publishers.2020. ISBN 978-981-15-2017-4.
12. Bhaskar, LVKS., Shubhangi S, and Pattnaik S. "Chapter 10: Meta-Analysis of Genetic Variants in Alcohol Metabolizing Enzymes and their Association with Colorectal Cancer Risk". In: Rama Raju, GSR., Bhaskar, LVKS. (Eds.). "Theranostics Approaches to Gastric and Colon Cancer". Springer Nature publishers.2020. ISBN 978-981-15-2017-4.
13. Saikrishna L, Prameswari K, Saimila M and Bhakar LVKS. Chapter 9. " Perspectives and Molecular Understanding of Pancreatic Cancer Stem Cells" In: Nagaraju GP and BM Reddy

Aramati, (eds). Exploring Pancreatic Metabolism and Malignancy. Springer Nature publishers.2019. ISBN: 978-981-32-9392-2.

14. Henu Kumar Verma and Bhakar LVKS. Chapter 12. "Insulin Resistance Is a Common Core Tethered to Diabetes and Pancreatic Cancer Risk" In: Nagaraju GP and BM Reddy Aramati, (eds). Exploring Pancreatic Metabolism and Malignancy. Springer Nature publishers.2019. ISBN: 978-981-32-9392-2.

15. Bhaskar LVKS and Saikrishna L. "Chapter 13: Meta-analysis of MTHFR polymorphisms and pancreatic cancer susceptibility" In: Nagaraju GP and Ahmad S, (eds). Theranostic Approach for Pancreatic Cancer. San Diego: Elsevier Inc./Academic Press, 2019: ISBN: 9780128176610.

16. Bhaskar LVKS and Saikrishna L. "Chapter 11: Molecular Markers For Treatment Response And Toxicity Of Gemcitabine" In: Nagaraju GP (eds). "Breaking Tolerance to Pancreatic Cancer Unresponsiveness to Chemotherapy, Volume 5". San Diego: Elsevier Inc./Academic Press, 2019: ISBN: 9780128176610.

17. Bhaskar LVKS and Saikrishna L. "Chapter 14: Drug Resistance Against Tyrosine Kinase Inhibitor in Gastrointestinal Malignancies" In: Nagaraju GP (eds). "Role of tyrosine kinases in Gastrointestinal malignancies". Springer Nature publishers.2018. ISBN:978-981-13-1485-8.

Research Supervision

Ph. D students enrolled: 05

Ph. D students guided: 05

Master's Dissertations guided: 19

MD. Dissertations guided: 02 (Co-guide)

Administrative Responsibilities

Member Secretary of the Institutional Ethics Committee Guru Ghasidas Vishwavidyalaya, Bilaspur

Member of NAAC Steering Committee: Guru Ghasidas Vishwavidyalaya, Bilaspur (12 February 2021 to Till date).

Head, Department of Zoology: Guru Ghasidas Vishwavidyalaya, Bilaspur (14th February 2020 to Till date).

Additional Information

Refreshers Courses Conducted

1. Conducted refresher course: winter school on novel insights in life sciences research (inter disciplinary) as Coordinator at UGC-Human Resource Development Centre, Guru Ghasidas Vishwavidyalaya, Bilaspur, during 15-02-2021 to 27-02-2021
2. Conducted Refresher Course on Life Sciences as Coordinator at UGC-Human Resource Development Centre, Guru Ghasidas Vishwavidyalaya, Bilaspur, during 22-08-2022 to 05-09-2022.

Membership in scientific organizations:

1. Life member, Ethological Society of India (ESI) enrolled in 2002.
2. Life member, Indian Society of Human Genetics (ISHG)-L/1164/2004.
3. Life member, The Society for Mitochondria Research and Medicine, India (SMRM)-L/173/2016.

Editorial Board Member

1. Journal of Parathyroid Disease
2. Journal of Renal Endocrinology
3. Annals of Research in Antioxidants
4. Immunopathologia Persa
5. European Journal of Bioinformatics (EJB)
6. Polymorphism Journal

Reviewer assignments:

1. The Journal of Urology
2. Archives of Oral Biology
3. Prenatal Diagnosis.
4. Central European Journal of Medicine
5. Molecular Biology Reports
6. Journal of Genital System & Disorders
7. Biomedical and Environmental Sciences
8. Oral Diseases
9. Tumor Biology
10. Bioscience Reports
11. Central European Journal of Medicine
12. Medical Science Monitor
13. PLOS ONE
14. Journal of Genetics
15. Pharmaceutical Biology
16. Human Reproduction
17. Indian Journal of Medical Research
18. Archives of Oral Biology
19. Journal of Assisted Reproduction and Genetics
20. Saudi Journal of Kidney Diseases and Transplantation
21. Gene
22. Meta Gene

Important links

<https://vidwan.inflibnet.ac.in/profile/85979>

[Vidyanjali volunteer ID: 202218110](#)

[Scopus Author ID: 36945626900](#)

[Web of Science ID: E-5871-2013](#)

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