

Dr. VALLEESHA NAGALAPURA CHANDRASHEKAR

NRPura, Chikkamagaluru Karnataka, India ✉ vallesha.nc@gmail.com ☎ 9986485109 🌐 in/valleesha-n-c-70b22219

SUMMARY

An adept clinical research manager with a decade of expertise in leading teams to uphold QC standards and SOPs, valleesha excels at swiftly identifying and resolving technical issues to ensure optimal process efficiency. His proactive involvement in managing ICMR-funded clinical trials has contributed to advancing patient care, while his commitment to regulatory excellence is demonstrated through rigorous adherence to NABL and NABH documentation requirements. Certified in Good Clinical Practice by the renowned NIH, USA, he embodies a blend of leadership, meticulous compliance oversight, and industry best practices.

EXPERIENCE

Scientific Manager& Buisness devevelopment
Ritaatronicsinnovations Pvt.Ltd,Bengaluru

08/2024- 01/2025

- Scientific Management , Techno-Commercial Leadership, Regulatory and Compliance

Laboratory Manager
Central Laboratory at AIMS, Mandya

08/2022 - 11/2023,

- Directed the Employees, QC check, and SOP protocol, troubleshooting the error, and supervised the TAT.
- Facilitated patient enrollment in multiple ICMR-funded clinical trials
- Supervised rigorous NABL & NABH documentation for compliance adherence
- Good Clinical Practice, NIDA Clinical Trials Network, NIH, USA

Scientific Research Associate
Valyou Products Pvt.Ltd Mfrs. Amrith Noni (R&D)
Shimoga

06/2021 - 04/2022,

- Expertise with Preclinical studies, Clinical trial (Double-blended study), Manuscript preparation, Publication, Pharmacopeia
- Crafted patent for new products
- Acquired proficiency in with QC, SOP, documentation, GMP Auditing & Stakeholders meet
- Generated a 25% increase in grant renewals by implementing improved proposal strategies, leveraging advanced statistical analysis software, and coordinating with cross-functional research teams over a 12-month period.

Research Fellow
Penn State University / Kuvempu University (NIH, USA)
USA / India

01/2015 - 11/2020,

- Worked on various aspects of pregnancy malaria of *P.vivax*, *P.falciparum* and mixed malaria infection.
- Actively involved in epidemiology, prevalence, hematological and biochemical parameters assay, Immunological parameters assay (ELISA Techniques), Placental Histopathology, drug resistance and Malaria case studies.

Senior Research Associate
National Institute of Animal Nutrition and Physiology (ICAR)
Bangalore

11/2011 - 08/2014,

- Carried out preclinical studies ((Albino mice and Wistar rats)) and handled Analytical instruments Atomic Absorption Spectrophotometer, Inductively Coupled Plasma Spectrophotometer.
- Invitro cell-free assay development, validation and troubleshooting.
- Facillitated Statistical software analysis. (Graph pad prism)

Junior Research Fellow
Institute of CCRI - Division of Plant Pathology
Chikkmagaluru

01/2010 - 11/2010,

- Orchestrated efficient multi-fungus screening assays.
- Colloborated on Disease scoring, Conducting field trials, data collection, data analysis, and Interpretation.
- Oversaw Documentation of experiments and characterization of reports required for publications and patents.

EDUCATION

Ph.D. (Dept. of Biochemistry)

Kuvempu University • Shivamogga • 2015 -2020

- Thesis: "Prevalence, Severity, and Analysis of biochemical parameters pregnancy-associated Malaria in Mangalore"

M.Sc. (Dept. of Biochemistry)

Kuvempu University • Shivamogga • 2007-2009

- [Secured 6.99CGPA]

B.Sc. (Life sciences)

Sahyadri College • Shivamogga • 2004-2007

- [Secured 72%]

CERTIFICATIONS

Good Clinical Practice

NIDA Clinical Trials Network, NIH, USA • 2022-2025

International conference and workshop organized by American society of Tropical Medicine and hygiene (ASTMH) Baltimore, USA. 2017

Advanced training in Malaria research

Department of Molecular biology and Biochemistry, Pennstate College of Medicine, Hershey, PA 17033, USA • October 2017 - November 2017

American society of microbiology (ASM) scientific writing and publishing online course

ASM • January - March 2016

“ANAMAYA-2016” National Symposia

K.S. Hegde Medical Academy, Nitte (Deemed to be University), Deralakatte, Mangalore, India • February 2016

SKILLS

Scientific data

interpretation

Writing Skills

Experimental expertise

Presentation skill

Computer

Knowledge

Publications:

1. Vallesha N Chandrashekar, , Punmath, K., Dayanand, K. K., Achur, R. N., Kakkilaya, S. B., Jayadev, P., ... & Gowda, D. C. (2019). Malarial anemia among pregnant women in the south-western coastal city of Mangaluru in India. *Informatics in Medicine Unlocked*, 15, 100159.
2. Chandrashekhar, V. N., Punmath, K., Dayanand, K. K., Kakkilaya, S. B., Jayadev, P., Kumari, S. N., ... & Gowda, D. C. (2022). Impact of oxidative stress in response to malarial infection during pregnancy: Complications, histological changes, and pregnancy outcomes. *Tropical Parasitology*, 12(1), 21.
3. Vallesha, N. C., Kiran, K. D., Punmath, K., Rajeshwara, N. A., Suchetha, N. K., & Gowda, D. C. (2021). Epidemiology of malaria during pregnancy in Mangaluru city in the southwestern coastal region of India. *Research Journal of Biotechnology*, 16(6), 103-108.
4. Kiran K. Dayanand, Punmath Kishore, Vallesha Chandrashekar, Rajeshwara N. Achur, Srinivas B. Kakkilaya, Susanta K. Ghosh, Suchetha Kumari, D. Channe Gowda. Malaria Prevalence in Mangaluru City Area in the Southwestern Coastal Region of India. *Malar J.* 2017 16:492
5. Kiran K. Dayanand, Punmath Kishore, Vallesha Chandrashekar, Susanta K. Ghosh, Suchetha Kumari and Rajeshwara N. Achur. Retrospective analysis of malaria cases in a tertiary health care center in Karnataka, Southwestern India. *Eu J of Phar Med Res*, 2017, 4(11), 483-485
6. Dayanand KK, Punmath K, Chandrashekar VN, Kakkilaya SB, Ghosh SK, Tiwari SN, Achur RN, Kadambi SS, Gowda DC.(2016) Malaria Transmission Under an Unusual Circumstance Causing Death in Two Siblings. *Am J Trop Med Hyg.* 2016 Jul 6; 95(1):155-7
7. Dayanand, K. K., Kishore, P., Chandrashekar, V., Achur, R. N., Ghosh, S. K., Kakkilaya, S. B., ... & Gowda, D. C. (2019). Malaria severity in Mangaluru City in the southwestern coastal region of India. *The American journal of tropical medicine and hygiene*, 100(2), 275.
8. Srinivas B. Kakkilaya, Kiran K. Dayanand, Kishore Punmath, Vallesha N.Chandrashekar,, Rajeshwara N. Achur, and D. Channe Gowda. Trend of Malaria Prevalence from Early 1900s to 2016 in Dakshina Kannada District and Mangaluru City in South India. *Am J Trop Med Hyg* (Under peer review) 9. Punmath K, Dayanand KK, Chandrashekar VN, Achur RN, Kakkilaya SB, Ghosh SK, Kumari SN, Gowda D. Association between inflammatory cytokine levels and thrombocytopenia during Plasmodium falciparum and P. vivax infections in south- western coastal region of India. *Malaria research and treatment.* 2019; 2019.
10. Punmath K, Dayanand KK, Chandrashekar VN, Achur RN, Kakkilaya SB, Ghosh SK, Mukhi B, Midya V, Kumari SN, Gowda DC. Clinical features and haematological parameters among malaria patients in Mangaluru city area in the southwestern coastal region of India. *Parasitology Research.* 2020 119(3):1043-56.
11. Gowda, N. K. S., Vallesha, N. C., Awachat, V. B., Anandan, S., Pal, D. T., & Prasad, C. S. (2015). Study on evaluation of silage from pineapple (Ananas comosus) fruit residue as livestock feed. *Tropical animal health and production*, 47(3), 557-561.
12. Krishnamoorthy, P., Gowda, N. K. S., Vallesha, N. C., Rajendran, D., Maya, G., Verma, S., & Rahman, H. (2014). Effect of long term fluoride toxicity on immunity and pathology in Wistar albino rat. *Indian J Vet Pathol*, 38(3), 164-8.
13. Krishnamoorthy, P., Gowda, N. K. S., Vallesha, N. C., Rajendran, D., Maya, G., Verma, S., & Rahman, H. (2015). Effect of subchronic fluoride exposure on immune status and histopathology in rats and its amelioration. *Fluoride*, 48(2), 123.
14. Meera B. Aiyar, Nayana, K.V., PrashithKekuda, T.R., Sudharshan, S. J., Syed Murthuza, Chinmaya, A., Vallesha, N.C. 2009. Studies on antimicrobial activity of a critically endangered medicinal plant Nardostachysjatamansi DC. *Natural Products an IndianJournal* 5 (1):13-16.
15. Sudharshan, S.J., Chinmaya, A., Vallesha,N.C., PrashithKekuda, T.R., Rajeshwara N. Achur, Sujatha, Namitha, M. L. and Yadav,C.2009Studies on larvicidal, anthelmintic and antimicrobial efficacy of Putranjivaxoburghii Wall (Putranjivaceae). *Natural Products an Indian Journal*5 (4):13.
16. Chinmaya, A.,Sudharshan, S.J., Vallesha, N. C.,PrashithKekuda, T.R., Rajeshwara, N. and Murthuza S. 2009.In- vitro antioxidant activity of Putranjivaxoburghii Wall seed by DPPH radical scavenging activity, *Natural Products an Indian Journal*, 5(3).
17. PrashithKekuda, T.R., Sudharshan, S. J., Chinmaya, A., Vallesha, N. C., Syed Murthuza andRajeshwaraAchur N.2009.Central nervous system (CNS) depressant and analgesic activity of Methanolic extracts of Nardostachysjatamansi DC and Cosciniumfenestratumcolebr in experimental animal model,*Journal of Pharmacy Research*, 2(11):1716-1719.
18. Sudharshan, S. J., Chinmaya, A., Vallesha N. C.,Prashith Kekuda T.R., RajeshwaraAchur N. andSyed Murthuza2009.Central nervous system (CNS) depressant and analgesic activity of Methanolic extracts of Drypetesroxoburghiiwall in experimental animal model,*Research Journal of Pharmacy and Technology*,
19. Sudharshan, S. J., Vallesha N. C.,Chinmaya, A., PrashithKekuda, T.R.,Syed Murthuza and Rajeshwara A. N.2010. Radical Scavenging activity, phenol and flavonoid content of selected traditionally used Indian medicinal plants, *Asian Journal of Experimental Sciences*, 24(1):11-15.

Book Chapters indices 2 book chapters published in NIANP annual publication (ICAR publishers), and 5 Published abstracts presented in national and international Conferences.