KRISTU JAYANTI
(DEEMED TO BE UNIVERSITY)
Under Section 3 of UGC Act 1956
A CMI INSTITUTION | BENGALURU | INDIA

Centre for Research & Development

Research Supervisor (Guide) Profiles
Discipline of Supervision: Biotechnology

Dr. Jude Calistus A L

Professor
Department of Life Sciences
School of Biological and Forensic Sciences

Areas of Specialisation:

Human Genetics and Applied Biotechnology

Dr. Calistus Jude A L has carried out significant research in the field of human genetics, with a focus on the genetics of gastrointestinal cancers. As part of his doctoral research, he studied chromosomal aberrations in gastrointestinal lesions, providing insights into whether non-cancerous lesions could transform into cancerous ones due to shared chromosomal abnormalities. A major investigation by Dr. Jude examined the efficacy of an herbal remedy for melanoma hyperpigmentation using human cell lines, offering valuable insights into the potential of natural compounds in skin cancer management. He has served on the panel of examiners for adjudicating Ph.D. theses and viva voce examinations at both public and deemed-to-be universities. In addition, he has guided multiple Master's degree projects on diverse themes such as the evaluation of plant bioactives as cytotoxic agents against cancer cells, sustainable pest management, waste valorization, and bioremediation. Through research, supervision, and evaluation, Dr. Jude brings expertise that bridges human genetics, cancer research, and applied biotechnology. With a keen interest in natural bioactives and sustainable approaches, he aspires to contribute to advancing interdisciplinary research while nurturing the next generation of scholars.

Selected Publications:

1. Nandhakumar, R., Suresh, T., **Jude, A. L. C.**, Rajesh kannan, V., and Mohan, P. S. (2007). Synthesis, antimicrobial activities and cytogenetic studies of newer diazepino quinoline derivatives via Vilsmeier–Haack reaction. European Journal of Medicinal Chemistry, 42(8), 1128–1136. https://doi.org/10.1016/j.ejmech.2007.01.004

2. Jacob, R., Ramachandran, C., **Jude, C.**, Venkatachalam, U., and Rao, S. K. (2016). Peroxisome proliferator activated receptor gamma polymorphism Pro12Ala in polycystic ovary syndrome (PCOS) of South Indian Population. Asian Pacific Journal of Reproduction, 5(3), 210–213. https://doi.org/10.1016/j.apjr.2016.04.002

3. Sundaramoorthy, A., Hemachandran, K., Ramachandran, C., Keshavarao, S., **AL, C. J.,** Karuppaiya, V., and Gopalakrishnan, A. V. (2017). Ninjurin 1 gene asp110ala genetic variants as a susceptibility factor in nerve damage leprosy patients of India. Meta Gene, 12, 18–21. https://doi.org/10.1016/j.mgene.2016.12.012