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EDUCATION

Ph.D in Biochemistry (2015)

The Wellcome Trust Research Laboratory, Gastro Intestinal Division, **Christian Medical College, Vellore**. The Tamil Nadu Dr. M.G.R. Medical University, India,

WORK EXPERIENCE

- **Assistant Professor (2022 to till date)**

Working as Assistant Professor at the department of Biomedical Sciences, Faculty of Biomedical Sciences & Technology, Sri Ramachandra Institute of Higher Education and Research (Deemed University), Porur, Chennai.

Handling Subject: Tissue Engineering, Stem Cell Biology, Endocrinology.

- **Women Scientist – A – DST Fellow (2019 -2022)**

Worked as women scientist A and received 32 lakhs fund from Department of Science and Technology, Kiran Division, Ministry of Sciences, Government of India and worked at the Department of Human Genetics, Sri Ramachandra Institute of Higher Education and Research (Deemed University), Chennai.

- **Clinical Research Coordinator (2018-2019)**

Worked as Clinical Research Coordinator for a clinical project funded from Department of Biotechnology for the institutes Christian Medical College, Vellore, Tamil Nadu, Karolinska Institute, Sweden.

PUBLICATIONS

1. Chinmay Bera, **Kavitha R Thangaraj**, Purendra Kumar Pati, Jeyamani Ramachandran, K A Balasubramanian, Anup Ramachandran, Uday Zachariah, K G Sajith, Ashish Goel & C E Eapen. Raised plasma levels of H₂S and nitrate predict intra-pulmonary vascular dilations- A preliminary report in patients with cryptogenic cirrhosis. Indian Journal of Gastroenterology. 2018; 37(3):209-214. (IF 1.30)
2. Qureshi IN, David D, **Thangaraj KR**, Kurien RT, Chowdhury SD, Goel A, Dutta AK Simon EG, Ramachandran A, Balasubramanian KA, Joseph AJ. Plasma hydrogen sulphide does not

predict severity of acute pancreatitis in humans. *Indian J Gastroenterol.* 2016;35(6):478-481. PMID: 27796938. (IF 1.30)

3. **Thangaraj KR**, Priyadarshini SJ, Qureshi IN, Joseph AJ, Balasubramanian KA, Ramachandran A. Plasma Citrulline, Glycans, and Hydrogen Sulfide in Patients With Acute Pancreatitis: Possible Markers of Intestinal Damage. *Pancreas.* 2016;45(6):27-9. PMID:27295536. (IF 2.92)
4. Kini AT, **Thangaraj KR**, Simon E, Shivappagowdar A, Thiagarajan D, Abbas S, Ramachandran A, Venkatraman A. Aberrant Niche Signalling in the Etiopathogenesis of Ulcerative Colitis. *Inflamm Bowel Dis.* 2015;21(11):2549-61. PMID: 26197452. (IF 4.52)
5. Raghupathy V, Goel A, **Thangaraj KR**, Eapen CE, Balasubramanian KA, Regi A, Jose R, Benjamin SJ, Ramachandran A. Absence of G1528C mutation in long-chain 3-hydroxyacyl-CoA dehydrogenase in four Indian patients with pregnancy-related liver disease. *Indian J Gastroenterol.* 2014;33(4):387-9. PMID: 24105666. (IF 3.4)
6. G. Jayakumar Amirtharaj, **Kavitha R. Thangaraj**, Archana Kini, Raghupathy V, Ashish Goel, Eapen C.E, Aparna Venkatraman, Anna B. Pulimood, Balasubramanian K.A, Anup Ramachandran. Acute liver injury induced by low dose dimethylnitrosamine alters mediators of hepatic vascular flow. *Toxicology Reports.* 2014; 1: 707–717. (IF 4.81)
7. Natarajan SK, **Thangaraj KR**, Goel A, Eapen CE, Balasubramanian KA, Ramachandran A. Acute fatty liver of pregnancy: an update on mechanisms. *Obstet Med.* 2011;4(3):99-103. PMID: 27579101. (IF 1.15)
8. Natarajan SK, **Thangaraj KR**, Eapen CE, Ramachandran A, Mukhopadhyaya A, Mathai M, Seshadri L, Peedikayil A, Ramakrishna B, Balasubramanian KA. Liver injury in acute fatty liver of pregnancy: possible link to placental mitochondrial dysfunction and oxidative stress. *Hepatology.* 2010;51(1):191-200. PMID: 20034024. (IF 16.68)
9. O. Surekha Vani, Varshaa R, Kavitha R Thangaraj. Understanding the relationship between cancer Stem cells and noncoding RNAs in the diagnosis and prognosis of colorectal cancer. *MicroRNA.* Review Article submitted. May 2024.

BOOK CHAPTER

1. Animal Model of Inflammatory Bowel Disease Leading to Cancer and Role of Genetic Variation in Colitis-Associated Cancer. Kavitha R. Thangaraj, Ravi Ramalingam, and Solomon F. D. Paul. **Springer Nature** Singapore. S. Pathak et al. (eds.), *Handbook of Animal Models and its Uses in Cancer Research.* 2022.
2. Cell surface markers and signalling pathways of cancer stem cells: target for potent therapeutics. Kavitha R. Thangaraj, Swetha Ashokkumar, Ravi Ramalingam and Solomon F.D. Paul Edited by Surajit Pathak, Antara Banerjee. **Elsevier, Science Direct.** 2024.