

PROFILE



Name : Dr. RADHA ARULKUMAR
Gender : FEMALE
Department : BIOTECHNOLOGY AND BIOINFORMATICS
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S. No.	Degree / Diploma	Subject / Main	Name of the College / University
1.	U.G.	MICROBIOLOGY	Shrimati Indira Gandhi College, Trichy
2.	P. G.	BIOINFORMATICS	Holy Cross College, Trichy
4.	Ph. D:	BIOINFORMATICS AND LONGEVITY SCIENCE	Pusan National University, Republic of Korea

Aided Management Shift I Shift II

Teaching Experience at Holy Cross College: **1 year 3 months**

Total Year of Research Experience: **7 years 4 months**

S. No.	Position	Institution	Year
1.	Senior Research Fellow	Tamil Nadu Agricultural University, Coimbatore	2009-2012
2.	Junior Research Fellow	Indian Institute of Science, Bangalore	2012-2015
4.	Researcher	Gyeongsang National University Hospital, Jinju, Republic of Korea	2016-2017

Publication:

Total number of Publications: 16

Recent Publication

1. **Radha Arulkumar**, Hee Jin Jung, Sang Gyun Noh, Hyun Woo Kim and Hae Young Chung. 8-Prenylgenistein Isoflavone in Cheonggukjang Acts as a Novel AMPK Activator Attenuating Hepatic Steatosis by Enhancing the SIRT1-Mediated Pathway. *Int. J. Mol. Sci.* 2024, 25, 9730. **IF 6.2 (Corresponding author)**
2. Ki Wung Chung, Dae Hyun Kim, Hee Jin Jung, **Radha Arulkumar**, Hae Young Chung & Byung Pal Yu. Chronic Inflammation as an Underlying Mechanism of Ageing and Ageing-Related Diseases. *Biochemistry and Cell Biology of Ageing: Part IV, Clinical Science.* 31–44. **IF 5.95**
3. Sang Gyun Noh, Hee Jin Jung, Seungwoo Kim, **Radha Arulkumar**, Ki Wung Chung, Daeui Park, Yeon Ja Choi, Hae Young Chung. Sex-Mediated Differences in TNF Signaling- and ECM-Related Gene Expression in Aged Rat Kidney. *Biological and Pharmaceutical Bulletin.* 2023, 46 (4), 552-562. **IF 1.7**
4. Sang Gyun Noh, Hee Jin Jung, Seung woo Kim, **Radha Arulkumar**, Dae Hyun Kim, Daeui Park and Hae Young Chung. Regulation of Circadian Genes Nr1d1 and Nr1d2 in Sex-Different Manners during Liver Aging. *Int. J. Mol. Sci.* 2022, 23(17), 10032. **IF 6.2**
5. **Radha A**, Jung HJ, Noh SG, Chung HY. Soyasapogenol C from fermented soybean (Glycine max) acting as a novel AMPK/PPAR α dual activator ameliorates hepatic steatosis: A novel SANDA methodology. *Int. J. Mol. Sci.* 2022, 23(10), 5468. **IF 6.2**
6. **Radha A**, Jung HJ, Noh SG, Park D, Chung HY. Cheonggukjang-Specific Component 1,3-Diphenyl-2-Propanone as a Novel PPAR α/γ Dual Agonist: An In Vitro and In Silico Study. *Int J Mol Sci.* 2021 Oct 8;22(19):10884. **IF 6.2**