

Publications

Research Articles (*List of papers published in PubMed indexed journals, in year wise descending order*)

1. Seethy AA*, **Pethusamy K***, Kushwaha T, et al. Alterations of the expression of TET2 and DNA 5-hmC predict poor prognosis in Myelodysplastic Neoplasms. BMC Cancer. 2023;23(1):1035. (contributed equally)
2. Purkayastha K, Dhar R, **Pethusamy K**, et al. The issues and challenges with cancer biomarkers. J Cancer Res Ther. 2023;19(Supplement):S20-S35.
3. Garg P, **Pethusamy K**, Ranjan R. Correlation between Estimated Average Glucose Levels Calculated from HbA1c Values and Random Blood Glucose Levels in a Cohort of Subjects. J Lab Physicians. 2022;15(2):217-223.
4. **Pethusamy K**, Seethy A, Dhar R, et al. Loss of TET2 with reduced genomic 5-hmC is associated with adverse-risk AML. Leuk Lymphoma. 2022;63(14):3426-3432.
5. Sahoo OS, **Pethusamy K**, Srivastava TP, et al. The metabolic addiction of cancer stem cells. Front Oncol. 2022;12:955892.
6. Chattopadhyay I, Dhar R, **Pethusamy K**, et al. Exploring the Role of Gut Microbiome in Colon Cancer. Appl Biochem Biotechnol. 2021;193(6):1780-1799.
7. Dhar R, **Pethusamy K**, Jee B, Karmakar S. Fault Lines in India's COVID-19 Management: Lessons Learned and Future Recommendations. Risk Manag Healthc Policy. 2021;14:4379-4392.
8. Dhar R, Seethy A, Singh S, **Pethusamy K** et al. Cancer immunotherapy: Recent advances and challenges. J Cancer Res Ther. 2021;17(4):834-844.
9. Seethy A, **Pethusamy K**, Chattopadhyay I, et al. TETology: Epigenetic Mastermind in Action. Appl Biochem Biotechnol. 2021;193(6):1701-1726.
10. Seethy AA, Singh S, Mukherjee I, **Karthikeyan P** et al. Potential SARS-CoV-2 interactions with proteins involved in trophoblast functions - An in-silico study. Placenta. 2021;103:141-151.
11. Dhar R, Singh S, Mukherjee I, **Karthikeyan P** et al. EMTiness in pseudo-malignant behavior of trophoblasts during embryo implantation. Front Biosci (Landmark Ed). 2021;26(4):717-743.
12. Chakraborty M, Singh P, Dsouza JMP, **Pethusamy K**, Thatkar PV. Fasting and postprandial lipid parameters: A comparative evaluation of cardiovascular risk assessment in prediabetes and diabetes. J Family Med Prim Care. 2020;9(1):287-292.
13. Dhar R, **Pethusamy K**, Singh S, et al. Draft genome of Ompok bimaculatus (Pabda fish). BMC Res Notes. 2019;12(1):825.
14. Dhar R, Seethy A, **Pethusamy K**, et al. De novo assembly of the Indian blue peacock (Pavo cristatus) genome using Oxford Nanopore technology and Illumina sequencing. Gigascience. 2019;8(5):giz038.

Books/Reports/Chapters/General articles etc.

S.No	Title	Author's Name	Publisher	Year of Publication
1	Biochemistry for Undergraduates 1 st edition, Hardcover	Karthikeyan Pethusamy	CBS Publishers	2020
2	Melanin (Encyclopaedia of cognition and animal behaviour)	Karthikeyan Pethusamy, Ruby Dhar, Pinky Garg	Springer Nature	2022
3	Basal Metabolic Rate (Encyclopaedia of cognition and animal behaviour)	Karthikeyan Pethusamy, Anshul Gupta	Springer Nature	2022
4	Creatinine (Encyclopaedia of cognition and animal behaviour)	Karthikeyan Pethusamy, Ankita Raj	Springer Nature	2022
5	Teratogen (Encyclopaedia of cognition and animal behaviour)	Karthikeyan Pethusamy, Maheshwari Kulandhasamy	Springer Nature	2022
6	Ontogeny (Encyclopaedia of cognition and animal behaviour)	Ashikh Seethy, Karthikeyan Pethusamy	Springer Nature	2022
7	Kangaroo Method (Encyclopaedia of cognition and animal behaviour)	Archana Singh, M. Diravyaseelan & Karthikeyan Pethusamy	Springer Nature	2022
8	Allelic Association (Encyclopaedia of cognition and animal behaviour)	Maheshwari Kulandhasamy, Ashutosh Kumar, Karthikeyan Pethusamy	Springer Nature	2022
9	David Attenborough (Encyclopaedia of cognition and animal behaviour)	Karthikeyan Pethusamy, Sai Krishna Bhamidipati & Asutosh Tiwary	Springer Nature	2022

Citations and indices (as shown in Google Scholar)

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	All	Since 2019
Citations	366	366
h-index	10	10
i10-index	11	11