

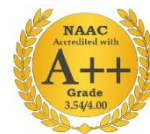


SETHU INSTITUTE OF TECHNOLOGY

(An Autonomous Institution| Accredited with 'A++' Grade by NAAC)

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Experience	Industry	Teaching	Others	Total
	5.6	15		20.6
Date of Joining the Institution	30-06-2025			
Area of Specialization	Pharmabiotech			
Courses taught	Biopharmaceutical technology			
Research Focus	Drug design			
No. of papers published	National Journals		International Journals	Conferences
	2		130	6
PG Specialization	Biotechnology			
Ph.D. Specialization	Biochemical Engineering			
Projects Carried out	2			
Patents (Filed & Granted)	2			
Technology Transfer	0			
No. of Books published with details (Name of the book, Publisher with ISBN, year of publication, etc.)	1			



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Academic Credentials

Level	Degree	Specialization	University	Year of Completion
UG	B.Pharmacy	Pharmacy	Tamil Nadu Dr. MGR Medical University	1999
PG	M.Tech	Biotech	Bharath Institute of Higher Education and Research	2006
Ph.D.	Chemical Engineering	Biopharma	Jadavpur University	2016

Details of Journal Publication: 130

(<https://scholar.google.com/citations?user=u0Wg2WIAAAAJ&hl=en>)

Details of Conference attended: 6

1. Elucidating the role of phytochemicals from *Brassica oleracea* var. *italica* (Broccoli) on hyperthyroidism: an in-silico approach, 7th International Research Conference of Uva Wellassa University 2023, 17-18th August 2023, held at Uva Wellassa University, Badulla, Sri Lanka.
2. Graph Theoretical Network Analysis and In Silico Molecular Modelling of Bioactive Compounds from *Amaranthus Spinosa* against Hepatocellular Carcinoma. 5th International Symposium on Bioinformatics, Beykoz Institute of Life Sciences and Biotechnology (BILSAB), Bezmialem Vakif University Yalıköy Mahallesi, 34820, Beykoz/İstanbul, Turkey, 15-17th December 2021.
3. Antioxidant activity and hepatoprotective potential of *Azolla microphylla* phytochemically synthesized gold nanoparticles on *Cyprinus carpio* L. in vitro and in vivo. 2nd Annual International Conference on Pharmaceutical Sciences, 5-8th May 2014, Athens, Greece.
4. *In-vitro* hepatoprotective and antioxidant effects of *Azolla microphylla* phytochemically synthesized gold nanoparticles against oxidative stress in common carp fish (*Cyprinus carpio* L.). International conference on human health'2013 at SASTRA University, Tanjore, Tamilnadu held at 6-8th December, 2013.
5. Optimization, preparation and characterization of rutin-quercetin dual drug loaded keratin nanoparticles for biological applications. 2nd Annual International Conference on Nanoscience and Nanotechnology, 15-17, December, 2016, Colombo, Sri Lanka.

6. Design and *in silico* modeling of *Dunaliella bardawil* extract encapsulated N-succinyl chitosan nanoparticles for effective anticancer activity. 2nd Global Summit on Pharmaceuticals and Drug Delivery Systems, 29-30th June, 2017, Singapore.

Details of Book Chapter and Books Published: 9 &1

1. Panneerselvam T, **Kunjiappan S**, Parasuraman P, Arthanareeswaran S, Krupanidhi K, Murugananthan G, Natarajan K. Success stories: impactful applications of cancer biomarkers. The Potential of Cancer Biomarkers, Elsevier Publisher, 2025
2. **Kunjiappan, S***, Panneerselvam T, Pandian SRK, Parasuraman P, Govindaraj S, Ravishankar V, Arunachalam S, Murugesan S. Nanoparticles for diagnosis and treatment of renal diseases. Emerging Nanotechnologies for Medical Applications, Elsevier Publications
3. Panneerselvam T, **Kunjiappan S**, Yashoda M H, Sivakumar V, Murugananthan G, Senthil Rajan D, Sattanathan K. Importance of Protein Kinase and Its Inhibitor: A Review. Protein Kinase-New Opportunities, Challenges and Future Perspectives, Intechopen, 2021.
4. Panneerselvam T, Kunjiappan S, Yashoda M H, Sivakumar V, Murugananthan G, Senthil Rajan. The Future Perspectives and Treatment for the Drug-Resistant Breast Cancer: A Review. Intechopen, 2021.
5. Pandian SRK, Vigneshwaran R, Panneerselvam T, Parasuraman P, Sankarganesh A, Ponnusamy P, Sivakumar V, Murugesan S, **Kunjiappan S***. Nanomaterials for Cancer Treatment in: Emerging Nanomaterials for Advanced Technologies. Springer Book Chapter 343-372, 2022.
6. Sundara Saravanan K, Selvam A, **Kunjiappan S**, Parasuraman P, and Lakshmi M. Sundar. Phytoconstituents as Lead Compounds for Anti-dengue Drug Discovery: Antiviral Drug Discovery and Development. Antiviral Drug Discovery and Development 1322, 159-193, 2021.
7. Revathi Lakshmi S, Sundar M and Kunjiappan S 2024. Opportunistic Fungi, Nematode and Plant Interactions: Interplay and Mechanisms. Springer pp 201-15
8. Pandian SRK, Vijayalakshmi M, Haripriya S, Kabilan SJ, Murugesan S, **Kunjiappan S***. Medicinal and Nutritional Importance of *Mimosa pudica* Linn. in Human Health, Medicinal Plants and their Bioactive Compounds in Human Health: Volume 1, Springer.
9. **Kunjiappan S***, Pandian SRK, Panneerselvam T, Parasuraman P, Kabilan SJ, Murugesan S. Exploring the Role of Plant Secondary Metabolites for Aphrodisiacs. Plant Specialized Metabolites: Phytochemistry, Ecology and Biotechnology, 1-19, Springer Nature Switzerland.

Book Edited

1. Decoding breast cancer: Molecular pathways and Emerging Therapeutic strategies, Bentham Science publisher.

Details of Patents Filed and Granted: 2

1. Panneerselvam T, **Kunjiappan S**, Arumugam S, Joshi SD, and Sankarganesh A. Substituted Indolo [3,2-b] Quinoxaline Compounds. 201741024523 A, 09/02/2018.
2. Panneerselvam T, **Kunjiappan S**, Sundararajan R, Sivakumar V, Rajamanickam V and Dineshkumar P. 3-(1-(1H-Benzo[D]Imidazol-2-yl)-2-(Substituted Phenyl) Vinylimino) Indolin-2-One compounds. 201741026146A, 26/01/2018.