

Personal Details	Neeraj Kumar Fuloria (Senior Associate Professor)												
Academic Qualifications	<table border="1"> <tr> <td data-bbox="456 327 683 401">Ph. D (Pharmacy)</td> <td data-bbox="683 327 716 401">:</td> <td data-bbox="716 327 1507 401">Gautam Buddh Technical University (formerly Uttar Pradesh Technical University), India, in 2010.</td> </tr> <tr> <td data-bbox="456 401 683 512">M. Pharm. (Pharmaceutical Chemistry)</td> <td data-bbox="683 401 716 512">:</td> <td data-bbox="716 401 1507 512">Rajiv Gandhi University Health Sciences, India, in 2003</td> </tr> <tr> <td data-bbox="456 512 683 585">M. B. A.</td> <td data-bbox="683 512 716 585">:</td> <td data-bbox="716 512 1507 585">Madurai Kamaraj University, Madurai, Tamil Nadu, India in 2004.</td> </tr> <tr> <td data-bbox="456 585 683 617">B. Pharm</td> <td data-bbox="683 585 716 617">:</td> <td data-bbox="716 585 1507 617">Gulbarga University, Karnataka, India, in 1998.</td> </tr> </table>	Ph. D (Pharmacy)	:	Gautam Buddh Technical University (formerly Uttar Pradesh Technical University), India, in 2010 .	M. Pharm. (Pharmaceutical Chemistry)	:	Rajiv Gandhi University Health Sciences, India, in 2003	M. B. A.	:	Madurai Kamaraj University, Madurai, Tamil Nadu, India in 2004 .	B. Pharm	:	Gulbarga University, Karnataka, India, in 1998 .
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B. Pharm	:	Gulbarga University, Karnataka, India, in 1998 .											
Administrative Duties	<ul style="list-style-type: none"> • Batch Coordinator (B. Pharm IVth Year) - FOP • Course coordinator (P. Management) – FOP • Assistant Course Coordinator (Drug Modeling) - FOP • Member: Academic planning and assessment committee – FOP • Member: Event management Committee – FOP • Member, Purchasing and Technical Committee - FOP • Member: Centre of Excellence for Biomaterials Engineering, AMST university 												
Publications (Last 3 years)	<p>List of Last 3 years papers (82 papers with cumulative impact factor 353.5)</p> <ul style="list-style-type: none"> • Suman R, Singh M, Priya S, Almalki WH, Haniffa SM, Subramaniyan V, Fuloria S, Fuloria NK, Sekar M, Singh SK, Jha NK, Chellappan DK, Negi P, Dua K, Gupta G. Exploring the mechanistic perspective of a new anti-tumor agent: Melatonin. Journal of Environmental Pathology, Toxicology and Oncology (2022). [Clarivate Analytics Impact factor: 3.567 (Q4)/Scopus] https://doi.org/10.1615/JEnvironPatholToxicolOncol.2022042088 • Selvaraj LK, Jeyabalan S, Wong LS, Sekar M, Logeshwari B, Umamaheswari S, Premkumar S, Sekar RT, Begum MY, Gan SH, Rani NNIM, Chidambaram K, Subramaniyan V, Fatease AA, Alamri A, Sathasivam KV, Selvaraj S, Vijeepallam V, Fuloria S, Fuloria NK. Baicalein Prevents Stress-Induced Anxiety Behaviors in Zebrafish Model. Frontiers in Pharmacology. (2022). (Accepted) [Clarivate Analytics Impact factor: 5.988 (Q1) / Scopus] https://doi.org/10.1615/JEnvironPatholToxicolOncol.2022042088 [Clarivate Analytics Impact factor: 2.188 (Q4)/Scopus] • Fuloria NK, Dhanalekshmi UM, Sudhakar K, Subramaniyan V, Fuloria S. Detection of circulating tumor cells and epithelial progenitor cells: A comprehensive study. Journal of Environmental Pathology, Toxicology and Oncology (Proof) (2022). [Clarivate Analytics Impact factor: 2.188 (Q4)/Scopus] • Fuloria NK, Raheja RA, Shah KH, Oza MJ, Kulkarni YA, Subramaniyan V, Sekar M, Fuloria S. Biological Activities of Meroterpenoids Isolated from Different Sources. Frontiers In Pharmacology, (2022) https://doi.org/10.3389/fphar.2022.830103 [Clarivate Analytics Impact factor: 5.988 (Q1) / Scopus] Corresponding author • Behl T, Subramaniyan V, Fuloria NK, Fuloria S. A motley of possible therapies of the COVID-19 reminiscing the origin of the pandemic. Environmental science and pollution research. (2022). https://doi.org/10.1007/s11356-022-22345-w [Clarivate Analytics Impact factor: 5.19 (Q2) / Scopus] • Behl T, Subramaniyan V, Fuloria NK, Fuloria S. Focusing the pivot role of nanotechnology in Huntington’s disease. Environmental science and pollution research (2022). https://doi.org/10.1007/s11356-022-22830-2 [Clarivate Analytics Impact factor: 5.19 (Q2) / Scopus] • Jeyabalan S, Bala L, Subramanian K, Jabaris SL, Sekar M, Wong LS, Subramaniyan V, Chidambaram K, Gan SH, Mat Rani NNI, Begum MY, Safi SZ, Selvaraj S, Al Fatease A, Alamri A, Vijeepallam K, Fuloria S, Fuloria NK and Djearmane S. Potential effects of noni (Morinda citrifolia L.) fruits extract against obsessive-compulsive disorder in marble burying and nestlet 												

shredding behavior mice models. *Frontiers in Pharmacology*. (2022). <https://doi.org/10.3389/fphar.2022.993927> [Clarivate Analytics Impact factor: 5.988 (Q1) / Scopus]

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- Mehta J, Utkarsh K, Fuloria S, Singh T, Sekar M, Salaria D, Rolta R, Begum MY, Gan SH, Rani NNIM, Chidambaram K, Subramaniyan V, Sathasivam KV, Lum PT, Uthirapathy S, Fadare OA, Awofisayo O, Fuloria NK. Antibacterial Potential of *Bacopa monnieri* (L.) Wettst. and Its Bioactive Molecules against Uropathogens—An In Silico Study to Identify Potential Lead Molecule(s) for the Development of New Drugs to Treat Urinary Tract Infections. *Molecules*. 2022; 27(15):4971. <https://doi.org/10.3390/molecules27154971>. [Clarivate Analytics Impact factor: 4.927 (Q2) / Scopus] Corresponding author
- Fuloria S, Mehta J, Talukdar MP, Sekar M, Gan SH, Subramaniyan V, Rani NNIM, Begum MY, Chidambaram K, Nordin R, Maziz MNH, Sathasivam KV, Lum PT, Fuloria NK. Synbiotic Effects of Fermented Rice on Human Health and Wellness: A Natural Beverage That Boosts Immunity. *Frontiers in Microbiology* (2022), 13. <https://doi.org/10.3389/fmicb.2022.950913> [Clarivate Analytics Impact factor: 6.064 (Q1)/Scopus]
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Books:

Authors	Book Title	Publisher	Year	ISBN
N. K. Fuloria, S. Fuloria, A Singh, S. Kumar	Fundamentals of Pharmacoeconomics	Nirali Prakashan, India	2018	978-93-87686-41-0
N. K. Fuloria, S. Fuloria, K. Balaji, K. M. Sundram, S. Kathiresan	Principles and Practices of traditional, complementary and alternative medicine	Nirali Prakashan, India	2017	978-39-86353-63-4

	N. K. Fuloria, S.Fuloria	Principles and practices of industrial management	Studium PressLLC USA	2015	1-62699-058-1
	N. K. Fuloria, S.Fuloria	Spectroscopy: Fundamentals & Data Interpretation	Studium PressIndia Pvt. Ltd	2013	978-93-80012-58-2
	<p>Book Chapters:</p> <ul style="list-style-type: none"> • Vetrivelan Subramaniyan, Neeraj Kumar Fuloria, Shivkanya Fuloria, and Iswar Hazarika, "Drug Treatment of Diarrhea", Textbook of Pharmacology, page 493-496, Thieme Publications, India, 2021. • Fuloria S, Subramaniyan V, Sekar M, Wu YS, Chakravarthi S, Nordin RB, Sharma PK, Meenakshi DU, Mendiratta A & Fuloria NK, "Introduction to Microbiome", In: Gupta, G., Oliver, B.G., Dua, K., Singh, A., MacLoughlin, R. (eds) Microbiome in Inflammatory Lung Diseases. Springer, Singapore, 2022. DOI: 10.1007/978-981-16-8957-4_2 • Varshney S, Bharti M, Sundram S, Malviya R, Fuloria NK. The Role of Bioinformatics Tools and Technologies in Clinical Trials. In Bioinformatics Tools and Big Data Analytics for Patient Care (pp. 1-16). Chapman and Hall/CRC. 2022. • Dhanalekshmi UM, Nandakumar S, Francis AP, Sweetey P, Fuloria S, Fuloria NK, Subramaniyan V, Khan SA. Deep Learning and Site-Specific Drug Delivery: The Future and Intelligent Decision Support for Pharmaceutical Manufacturing Science. In book: Deep Learning for Targeted Treatments. DOI: 10.1002/9781119857983.ch1 				
On-going Research	<ul style="list-style-type: none"> • FRGS Grant (2020-2023), titled "Establishment of TOP-1 and EGFR inhibition mechanism of insilico docked and synthesized novel CPT-11 analogues in oral squamous cell carcinoma." • FRGS Grant (2020-2023), titled "Synthesis and evaluation of Novel Chromone Analogues potential against Corona Virus." • FRGS Grant (2019-2022), titled "Discovery of novel benzamidine analogues based silver nano-formulation for treatment of periodontitis due to <i>P. gingivalis</i>: A study that encompasses molecular docking, 3D-QSAR analysis, synthesis and silver nano-formulation of benzamidine analogues accompanied by toxicity analysis, in-vitro and in-vivo (egg model) evaluation against gingipain." • FRGS Grant (2019-2022), titled "Design and synthesis of new 6-Azauridine nucleoside analogues against DENV-2 virus NGC strain: A molecular docking, 3D-QSAR and in vitro C6/36 cell line activity based anti-dengue study." <p>PhD Pharmacy</p> <ul style="list-style-type: none"> • 01, 2019 onwards <p>PhD Biotechnology</p> <ul style="list-style-type: none"> • 03, from 2019 onwards • 02, from 2020 onwards • 01, from 2021 onwards <p>MSc. (Medicine)</p> <ul style="list-style-type: none"> • 01, from 2021 onwards 				
Completed Research	<ul style="list-style-type: none"> • 24 B. Pharm • 02 MSc. • 05 M. Pharm 				

<p>Research Grants</p>	<ul style="list-style-type: none"> • Principal Investigator: Fuloria NK, Fuloria S, Dahiya R, Dahiya S, Rishabh M, Received APP Research & Publication Grant Award “Synthesis, Characterization and Evaluation of Polyvinyl Alcohol Grafted Tamarind Seed Polysaccharide as Carrier for Nanodrug Delivery System”, in 2021 for one year (11300 MYR) . • Co-Investigator: Fuloria S, Fuloria NK, Ugrappa S, Ravichandran M, Maheswaran S, Received FRGS Grant from Malaysia Greater Research Network System (MYGRANTS) under Ministry of Higher Education (MOHE) Malaysia, titled “Establishment of TOP-1 and EGFR inhibition mechanism of insilico docked and synthesized novel CPT-11 analogues in oral squamous cell carcinoma.” In October 2020 for three years (117000 MYR). • Co-Investigator: Ravichandran M, Fuloria NK, Fuloria S, Kurunathan S, Pattabhiraman L, Yusop FFBM, Received FRGS Grant from Malaysia Greater Research Network System (MYGRANTS) under Ministry of Higher Education (MOHE) Malaysia, titled “Synthesis and evaluation of Novel Chromone Analogues potential against Corona Virus.” In October 2020 for three years (150000 MYR). • Co-Investigator: Ravichandran M, Fuloria NK, Fuloria S, Received research fund under LRGS/UMS/AIMST/2020, titled “Development of potential Biological as the Therapeutics and Prophylactics against TB” under Ministry of Higher Education (MOHE) Malaysia, in July 2020 (60000 MYR or 110000 INR) • Co-Investigator: Pattabhiraman L, Ravichandran M, Fuloria NK, Fuloria S, Monover T, Received national FRGS Grant from Malaysia Greater Research Network System (MYGRANTS) under Ministry of Higher Education (MOHE) Malaysia, titled “Discovery of novel benzamidine analogues based silver nano-formulation for treatment of periodontitis due to <i>P. gingivalis</i>: A study that encompasses molecular docking, 3D-QSAR analysis, synthesis and silver nano-formulation of benzamidine analogues accompanied by toxicity analysis, in-vitro and in-vivo (egg model) evaluation against gingipain.” In October 2018 for three years. (140800 MYR) • Co-Investigator: Sundram KM, Fuloria NK, Fuloria S, Ravichndran V, Received national FRGS Grant from Malaysia Greater Research Network System (MYGRANTS) under Ministry of Higher Education (MOHE) Malaysia, titled “Design and synthesis of new 6-Azauridine nucleoside analogues against DENV-2 virus NGC strain: A molecular docking, 3D-QSAR and in vitro C6/36 cell line activity based anti-dengue study.” In October 2018 for three years. (150000 MYR) • Co-Investigator: Fuloria NK, Fuloria S, Received International Grant for “Tubulin Inhibition studies” in 2018, from Jamia Hamdard, India. (5660 MYR) • Principal-Investigator: Fuloria NK, Balaji K, Dhanaraj SA, Received Grant for Research Project titled "Synthesis and exploration of antibiotic profile of some novel oxadiazole derivatives" in 2013, from AIMST university, Malaysia of RM 20000, for two years. (20000 MYR)
<p>Awards</p>	<ul style="list-style-type: none"> • Received “Young Scientist Award 2022”, organized by APP at 17th Indo-US Virtual International Conference, India, on 21-22 Jan. 2022. • Received “Inspirational Scientist Award”, in 9th International Scientist Awards on Engineering, Science & Medicine, Trichy, India, 12-13 Sep. 2020. • Received “Young achiever award 2019”, organized by APP at 10th Indo-Malaysian Conference, at Kurnool, A.P., India, on 31st Aug. 2019. • Received “Appreciation award” during Teachers Award Ceremony of Kedah State Malaysia, at AIMST University, Malaysia on 22nd May 2017. • Teacher of the year in 2007, at Ram-Eesh Institute of Vocational and Technical Education, G. Noida, India.

Professional Membership	<ul style="list-style-type: none"> • Member, NMR society of India (528) • Centre of Excellence for Biomaterials Engineering, AIMST University, Malaysia. • Member, Indian Society of Analytical Scientists (LMT2006/20) • Member, Indian Pharmacy Graduate Association (LM3833) • Member, Delhi Pharmacy Council Welfare Trust (1102) • Member, Oniosome Healthcare Private Ltd (Scientific Research Advisory Board) • Member, Association of Pharmacy Professionals, Malaysian Branch.
Supervision	<p>Supervised</p> <ul style="list-style-type: none"> • 05 M. Pharm research scholars <p>Co-Supervised</p> <ul style="list-style-type: none"> • 02 Msc. (Medicine and Biotechnology) research scholars • 24 B. Pharm research scholars <p>Currently co-supervising</p> <ul style="list-style-type: none"> • 07 PhD (Pharmacy and Biotechnology) research scholars • 01 MSc. (Medicine) research scholar
Teaching	Undergraduates and Postgraduates
Areas of Expertise	<ul style="list-style-type: none"> • Drug Design, Synthesis, biological evaluation, cell line studies for antibiotics, anti-tubercular, anti-inflammatory, anti-dengue, anti-diabetic, anti-HIV, anti-periodontitis, RCT agents, dental implants, and anticancer agents (topoisomerase inhibitor, tubulin inhibitor, VEGF/EGFR inhibitors). • Phytochemical investigation (extraction and isolation) and Molecular Characterization of synthetic and Phytoisolates: IR, NMR, and MASS. • Nanoformulation designing (nanoparticles, nano-conjugates, nanofibres, electrospin nano films, multilayered Nano coats) • Analytical method development and validation for pharmaceuticals (UV, HPLC, electrophoresis).
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