



ELIMS College Of Pharmacy

Ramavarmapuram P.O, Villadam,

Thrissur, Kerala - 680631

Approved by Pharmacy Council Of India (PCI) &

Affiliated to Kerala University Of Health Sciences(KUHS)

Mail: elimspharmacy@gmail.com

Website: elimspharmacycollege.com

Name: Anu K R

Qualification: M Pharm, PhD.,

Designation: Associate Professor , Department of Pharmacology

Date of Joining: 16-10-2023

Email: dranukunnath@gmail.com

Total Experience in Years: 5.2

Area of Research Interest:

- **Neurodegenerative Pharmacology**
- **Novel drug development**
- **CADD**
- **Preclinical pharmacological Studies**
- **Drug safety and toxicology**

Publications: H index: 5

1. **Ramachandran AK**, Das S, Shenoy GG, Mudgal J, Joseph A. Relation between Apolipoprotein E in Alzheimer's Disease and SARS-CoV-2 and their Treatment Strategy: A Review. CNS Neurol Disord Drug Targets. 2024;23(1):9-20. doi: 10.2174/1871527322666221226145141. PMID: 36573058. (Q2, IF:3)
2. **K.R.A.** Subham Das, Alex Joseph, Omics Approaches and Technologies in COVID-19, in: D. Barh, V.A. De Car Azevedo (Eds.), Omi. Approaches Technol. COVID-19, Elsevier Science, 2022: pp. 41–59. <https://doi.org/https://doi.org/10.1016/B978-0-323-91794-0.00013-5>.
3. Das S, **K R A**, Halder D, Akbar S, Ahmed B, Joseph A. Mechanistic and Etiological Similarities in Diabetes Mellitus and Alzheimer's Disease: Antidiabetic Drugs as Optimistic Therapeutics in Alzheimer's Disease. CNS Neurol Disord Drug Targets. 2022 Jun 29 (7)973-993. doi: 10.2174/1871527321666220629162229. Epub ahead of print. PMID: 35770411. (Q2, IF:3)
4. Das Subham, Roy Shubham, Rahaman Batin Seikh, Akbar Saleem, Ahmed Bahar, Halder Debojyoti, **Ramachandran Kunnath Anu** and Joseph Alex, Structure-Activity Relationship Insight of Naturally Occurring Bioactive Molecules and Their Derivatives Against Non-Small Cell Lung Cancer: A Comprehensive Review, Current Medicinal Chemistry 2022; 29(39): 6030-6062. <https://dx.doi.org/10.2174/0929867329666220509112423> (Q1, IF:4.1)
5. **Ramachandran AK**, Das S, Joseph A. Crosstalk Between Covid-19 and Associated Neurological Disorders: A Review. Curr Neuropharmacol. 2021;19(10):1688-1700. doi: 10.2174/1570159X19666210113154342. PMID: 33441073; PMCID: PMC8977634. (Q1, IF: 7.70)
6. S. Das, **K.R. Anu**, S. Birangal, S. Akbar, B. Ahmed, A. Joseph, The controversial therapeutic journey of chloroquine and hydroxychloroquine in the battle against SARS-CoV-2: A comprehensive review, Med. Drug Discov. (2021) 100085. <https://doi.org/https://doi.org/10.1016/j.medidd.2021.100085>. (Q1, IF:6.88)

7. **Ramachandran Kunnath Anu** , Das Subham , Joseph Alex , Shenoy Gautham Gurupur , Alex Treasa Angel and Mudgal Jayesh , Neurodegenerative Pathways in Alzheimer's Disease: A Review, Current Neuropharmacology 2021; 19(5): 679 - 692 . <https://dx.doi.org/10.2174/1570159X18666200807130637> (Q1, IF: 7.70)
8. Anirudh Manoj, Subham Das, **Anu Kunnath Ramachandran**, Angel T Alex, and Alex Joseph, SGLT2 inhibitors, an accomplished development in field of medicinal chemistry: an extensive review, Future Medicinal Chemistry 2020 12:21, 1961-1990, <https://doi.org/10.4155/fmc-2020-0154>. (Q2, IF:4.76)
9. Sai Disha K., Rashmi Puranik, Sudheesh N., Kavitha K., Fajeelath Fathima, **Anu K. R.**, Alex Joseph, Anitha J., G Arunkumar, Piya Paul Mudgal, Structure-based identification of small molecules against influenza A virus endonuclease: an in silico and in vitro approach, Pathogens and Disease, Volume 78, Issue 4, June 2020, ftaa032, <https://doi.org/10.1093/femspd/ftaa032>. (Q2, IF:3.3)
10. Subham Das, **Anu K.R.**, Sumit Raosaheb Birangal, Ajinkya Nitin Nikam, Abhijeet Pandey, Srinivas Mutalik, Alex Joseph, Role of comorbidities like diabetes on severe acute respiratory syndrome coronavirus-2: A review, Life Sciences, Volume 258, 2020, 118202, ISSN 0024-3205, <https://doi.org/10.1016/j.lfs.2020.118202>. (Q1, IF:6.78)
11. Siju EN, Sheeba Damodar, Rajalakshmi GR, Amina Ali, **Anu KR** and Rahul K. In vitro antioxidant and anti-diabetic activity of hydroalcoholic extract of Plumeria pudica Jacq. International Journal of Phytopharmacology, 2017;8 (1):31-40