



# Elims College Of Pharmacy

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Approved by Pharmacy Council Of India (PCI) &

Affiliated to Kerala University Of Health Sciences(KUHS)

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**Name: Dr.NILA MARY VARGHESE**

**Qualification: M Pharm., Ph.D**

**Designation: Professor and Head of Department**

**Date of Joining: 24/03/2022**

**Email: nilamaryv@gmail.com**

**Total Experience in Years: 11 years and 10 months**

**Guided Projects:**

Formulation and evaluation of topical antimicrobial formulation.

**Area of Research Interest:**

Nanotechnology, Novel Drug Delivery, Targeted drug delivery platforms and combinatorial drug formulation development.

**Publications:**

**Nila Mary Varghese**, Sudhir MR, S Jose, Aleykutty NA, Cinu TA. Floating microspheres of carvedilol as gastro retentive drug delivery system: 32 full factorial design and *in vitro* evaluation. **Drug Delivery**. 2014 Mar; 21(2):110-7 (**IF: 6.819**)

**Nila Mary Varghese**, Senthil Venkatachalam, Shailendra K Saxena. Nanocarriers for brain specific delivery of anti-retroviral drugs: challenges and achievements. **J.Drug Targeting**.2018; 26(3):195-207. (**IF: 5.121**).

**Nila Mary Varghese**, Senthil Venkatachalam, Sajan Jose, Cinu Thomas, Jyoti Harindran. Development and Validation of a Specific RP-HPLC Method for Simultaneous Estimation of Anti-retroviral Drugs: Application to Nanoparticulate Formulation System. **Current Pharmaceutical Analysis**, 2020;16(1):12-23. (**IF:0.89**).

Treesa P Varghese, Anand Vijaya Kumar, **Nila Mary Varghese**, Sharad Chand. Depression Related Pathophysiologicals Relevant In Heart Disease: Insights Into Mechanism Based On Pharmacological Treatments, **Current Cardiology Reviews**, 2020; 16(2):125-31.

**Nila Mary Varghese**.Formulation And Optimization Of Etravirine Loaded Polymeric Nanoparticles By Applying DoE Approach. **Int J Pharma Bio Sci** 2019 Apr; 10(2): 147-156.

**Book/Chapters Published:**

**Nila Mary Varghese**, Senthil Venkatachalam. Chapter title: “Potential Nanocarriers for the delivery of drugs to the brain”, Book title: **Nano engineered Biomaterials for Advanced Drug delivery**; 2020 (pp. 449-472). **Elsevier Inc.**

**Patent:**

**Nila Mary Varghese**, Senthil Venkatachalam, Jawahar Natarajan, Nanocarrier based Improved Blood Brain Barrier Penetration and Combinatorial Delivery of Anti-Retro Viral Drugs: QbD based Development and Evaluation, Patent Application Number: 202041032882, **Indian Patent**, Status: **Application published.**

Awarded **Research Associateship- RA-1** from **NIPER-Guwahati** in 2020 (Ref. No. NIPERG/RECTT./2020/SRF[Sl.No.1]/3)