

Prasaath Sastha Kuppan Ravi

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EDUCATION

MSc. Drug Discovery and Toxicology

Sep 2022 – Sep 2024

University of Hertfordshire

Grade: **4.25** out of 4.5 (average GPA)

Key Skills: DNA extraction, gel electrophoresis (AGE, SDS-PAGE), PCR, protein quantification (Bradford, BCA), cell viability assays, fluorescence and absorbance plate assays, in vitro tissue assay for dose response, enzyme kinetics assays, R programming for data analysis and visualisation.

Doctor of Pharmacy

Aug 2015 – Aug 2021

Vinayaka Missions Research Foundation

Grade: First class with distinction (85%) - University gold medal for best academic performance

WORK EXPERIENCE

● **Eisai Manufacturing Limited (EML) - GMP**

● **Quality Control Analyst Intern**

Jun 2023 – May 2024

1. Conducted packaging quality tests (500 batches) on cartons, patient information leaflets, and labels.
2. Analyzed bulk and finished products, including tablets, suspensions, and capsules.
3. Performed assays, impurity analysis, and content uniformity tests using HPLC (PDA/NonPDA) and UV. Conducted dissolution testing with both automated and manual dissolution baths.

Analytical instruments proficient in: Analytical balances, HPLC (PDA/Non-PDA), Karl Fisher, Eye-C profiler, UV standalone, and UV dissolution bath.

● **University of Hertfordshire**

● **Curriculum Consultant**

Mar 2023 – Aug 2023

1. Supported Herts learning and development (L&D) team, providing students perspectives and approaches to teaching
2. Contributed to publication of “Making it up as we go along co-creating a cross-institution curriculum design partnership.
3. Participate in staff L&D workshops to provide student perspectives on teaching plans.

● **Amura Health**

● **Research Assistant**

Aug 2021 – Sep 2022

1. Researched to collect and compile evidence based clinical and non-clinical information relevant to disease of interest to support protocol development
2. Organised and planned collection of body weight data of 1100 clients to analyse and interpret protocol efficacy.
3. Collaborated in making protocol efficacy presentation that showed the firm’s protocols for obesity and diabetes management, which illustrated 60% supremacy.

● **Health and Wellness coach**

Feb 2021 – Aug 2021

1. Everyday support to clients to ensure protocol adherence.
2. Collection of client information and liaise with physicians to discuss progress and treatment plans.
3. Train junior health coaches to improve communication and counselling skills.

Personal website: <https://prasaath-sastha.github.io/> (links to LinkedIn, master’s thesis and GitHub profile found here)
