



Profile

apt. Ayu Rana Esadini, S.Farm., M.Farm.

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Google Scholar:

https://scholar.google.com/citations?hl=en&user=ao_s-UAAAAAJ

A pharmacist and lecturer with a keen interest in pharmaceutical technology. Current areas of interest include drug delivery systems, nanotechnology, and natural resource nutraceuticals

Career

Universitas Pembangunan Nasional Veteran Jakarta /

Lecturer

2024-present, Jakarta

- Implementing Tridharma of higher education, including education, research, and community services
- Giving lectures about pharmaceutical technology and drug delivery system

STIKes Widya Dharma Husada Tangerang / Lecturer

2022-2024, Tangerang Selatan

- Implementing Tridharma of higher education, including education, research, and community services
- Giving lectures about pharmaceutical technology of solid, semisolid, liquid and sterile dosage forms; physical pharmacy, biopharmaceutics, and industrial pharmacy

Akademi Farmasi Toraja / Part time lecturer

2020-2021, Jakarta

Conducting online lecture on pharmaceutical subjects (basic pharmaceutical, solid dosage form technology, industrial pharmacy management, and research methodology)

PT. Phapros, Tbk. / Project Regulatory Officer

2017-2018, Jakarta

Responsible in handling scientific and legal documents for

registration process of pharmaceutical products to obtain marketing permission from National FDA (BPOM)

Education

Universitas Indonesia / Magister of Pharmacy

2019-2021, Depok

Graduate of Pharmacy, Major of Pharmaceutical Science

Institut Teknologi Bandung / Apothecary

2016-2017, Bandung

Graduate of Pharmacy, Major of Production and Quality Control

Institut Teknologi Bandung / Bachelor of Pharmacy

2011-2015, Bandung

Graduate of Pharmacy, Major of Pharmaceutical Science and Technology

Publications and Proceedings

Makkiyah, F.A., Rahmi, E.P., **Esadini, A.R.**, Pradana DLC, Alifa F, Seno DSH, et al. Optimization of microwave-assisted extraction of phenolics, flavonoids, and antioxidant capacity from *Graptophyllum pictum* leaves using response surface methodology. 2026;16(03):292–300.

Mahdiyyah A.A., Farkhani, A., **Esadini, A.R.**, Pratama DP, Nisrina S. Formulation, Characterization, and Total Phenolic Content of *Moringa* (*Moringa oleifera* L.) Leaf Extract Sunscreen Cream with Triethanolamine Base Comparison. 2025;15(2):222–32.

Esadini, A. R., Aulia, G., & Fuadah, I. T., 2023. Formulation Of Nutraceutical Dosage Form Cempedak Leaves (*Artocarpus Integer*) Cereal as Immunity Booster for Children. *Jurnal Kefarmasian Indonesia* (Vol. 14, No. 1, p. 12-22).

Esadini, A. R., Utami, S. M., Sari, D. P., Utami, A., Utami, A., & Pranoto, M. E. (2023). Studi Literatur: Formulasi dan Uji Aktivitas Antioksidan Sediaan Krim Ekstrak Etanol dari Berbagai Tanaman. *Prosiding SENANTIAS: Seminar Hasil Penelitian Dan PKM*, 4(1), 839–848.

Esadini, A. R., Iskandarsyah, I., & Harmita, H. (2022). Optimasi Nanostructured Lipid Carrier Linestrenol Dari Campuran Palm Stearin Dan Palm Kernel. *Edu Masda Journal*, 6(2), 112–122.

Books

Alfariha, S., **Esadini, A. R.**, et.al. (2025). TEKNOLOGI TABLET. Jakarta: PT Buku Loka

Merwanta, S., Febriani, A., Purnamasari, N., Sutarna, T. H., Gumilar, A., Purnamawati, L., **Esadini, A. R.**, et al. (2025). Ilmu Skincare Terapan dalam Farmasi Klinik dan Industri. Jakarta: PT Buku Loka

Esadini, A. R., Aulia, G., & Fuadah, I. T. (2023). SEREAL DAUN CEMPEDAK, CARA BARU MELAWAN LONG-COVID PADA ANAK. Bandung: CV Widina Media Utama

Aulia, G., Misusanti., Dewi, Bheta Sari., Rahmayanti, Mayu., **Esadini, A. R.**, et.al (2024). NUTRASEUTIKAL. Yogyakarta: AG Publishing

Laboratory or Research Experience

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- Researched in development of nanoparticles as drug delivery system
 - Researched in transdermal drug delivery system
 - Experienced using some instruments include HPLC, Spectrophotometry-UV, Particle Size Analyzer (PSA), *in-vitro* cytotoxicity assay, and *in-vitro* permeation test using Franz diffusion cell
 - Experienced in giving lectures on pharmaceutical technology subjects: liquid, semisolid, solid, and sterile dosage forms, physical pharmacy, biopharmaceutical and pharmacokinetics, and industrial pharmacy
 - Received a Beginner Lecturer Research Grants (Hibah Penelitian Dosen Pemula - PDP) from the Ministry of Research, Technology and Higher Education for Funding Year 2023
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