

Curriculum Vitae

Name: Astika Widy Utomo, MD, M.Sc

Work:

Department of Pharmacology and Therapeutic
Diponegoro University Faculty of Medicine
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Home:

Citra Banyumanik regency D2
Jl. Grafika Barat VIII, Banyumanik, Semarang, Indonesia

Personal Details:

Date of birth: February 2nd, 1986. Married – Purwadi Teguh Al Rosyid

Education:

Medical Doctor, Faculty of Medicine – Universitas Diponegoro, 2010
Master Degree in Biomedical and Basic Medical Science, majoring on Pharmacology and Toxicology – Universitas Gadjah Mada, 2015

Course/Training:

Training for medical doctor on using herbal medicine, Ministry of Health, November 2011
Course on clinical toxicology, Radboud University, Oktober 2012
Workshop on good clinical practice, Indonesia National Agency of Drug and Food Control, November 2014
Workshop on animal models, Universitas Gadjah Mada, May 2016

Working Position:

Lecturer, Pharmacology and Therapeutic, Diponegoro University, 2010 – present
Coordinator of animal laboratory, Faculty of medicine, Diponegoro University, 2015 – 2021
Physician in training at Department of Forensic and Etic-medicolegal, Faculty of Medicine, Universitas Diponegoro/ Kariadi General Hospital, Semarang, Indonesia 2021-present

Membership:

Indonesian Pharmacologist Association (Ikatan Ahli Farmakologi Indonesia, IKAFI)
Indonesian Medical Association (Ikatan Dokter Indonesia, IDI)

Scholarship:

BPPDN, Indonesia, 2013-2015

Research Interest:

- Pharmacology (Pharmacoepidemiology, pharmacoeconomy)
- Toxicology
- Herbal medicine

Grant:

1. Acute toxicity test of *Annona muricata* leaf extract on Switzerland Mice, Research Grant from Diponegoro University, 2012
2. The effect of *Cinnamomum burmani* extract on CRP level on Wistar Rat infected with *Staphylococcus aureus*, Research Grant from Diponegoro University, 2016
3. The effect of green leaf extract on spatial memory function and superoxide dismutase (SOD) enzyme activity (an experimental study on Balb/c Mice induced by D-galactose), Research Grant from Diponegoro University, 2016

Publications:

1. **Astika Widy Utomo**, Neni Susilaningsih, Desi Armalina. Acute toxicity test of soursoup leaves (*Annona muricata*) on liver and kidney of Switzerland Mice. *Sains Medika*. Vol. 6, No. 2, Juli - Desember 2015 : 48-51.
2. Ainun Rahmasari Gumay, Saekhol Bakri, **Astika Widy Utomo**. The effect of green leaf extract on spatial memory function and superoxide dismutase (SOD) enzyme activity (an experimental study on Balb/c Mice induced by D-galactose). *Sains Medika*. Vol. 8, No. 1, January-June 2017: 8-14.
3. Umami Chamidatun Nadliroh, Dimas Banurusman, Hermawan Istiadi, **Astika Widy Utomo**. *Muntingia calabura* leaves extract, a potential gastroprotective agent against gastric mucosal damage induced by soft drink and alcoholic beverages. *Hiroshima Journal of Medical Sciences*. Vol. 67, Special Issue, May 2018.
4. Widyastuti, Esti; Maharani, Nani; Utomo, **Astika Widy Utomo**. Effect of Mangosteen Peel Extract on SGOT and SGPT in Rats Fed Reused Cooking Oil. *Sains Medika*. Vo. 9, NO. 2, Juli-Desember 2018.
5. Antari Leniseptaria Arlita, David Pakaya, Indah Saraswati, Eva Annisaa', **Astika Widy Utomo**. The Effect of *Hibiscus rosa-sinensis* L. extract on improvement of Mcrophage Phagocytosis Activity. *International Journal of Medical Science and Dental Research*. Vol.2(2), March-April 2018. 08-13.
6. **Astika Widy Utomo**, Dwi Aris Agung Nugrahaningsih, Iwan Dwiprahasto. The effect of chronic usage of renin-angiotensin-aldosterone system blocking agents on incidence of contrast induced nephropathy in patients with Diabetes mellitus and renal insufficiency. A retrospective cohort study. *Indonesian Journal of Cardiology*. Vol 40 (1). 2019
7. Andry Setiadharna, RR Lydia Purna WS Kuntjoro, **Astika Widy Utomo**. HUBUNGAN PENGGUNAAN KONTRASEPSI HORMONAL TERHADAP KEJADIAN TUMOR PAYUDARA : STUDI

PADA WANITA YANG MELAKUKAN PEMERIKSAAN ULTRASONOGRAFI PAYUDARA DI RSUP DR. KARIADI DAN RS KEN SARAS, SEMARANG," *Jurnal Kedokteran Diponegoro (Diponegoro Medical Journal)*, vol. 8, no. 2, pp. 892-909, May. 2019

8. P. L. Masyitoh, **A. W. Utomo**, E. Mahati, and M. Muniroh, "PERBANDINGAN EFEKTIFITAS EKSTRAK GEL LIDAH BUAYA (ALOE VERA L.) TERHADAP PERTUMBUHAN SEL RAMBUT," *Jurnal Kedokteran Diponegoro (Diponegoro Medical Journal)*, vol. 8, no. 4, pp. 1263-1269, Oct. 2019
9. **Astika Widy Utomo**, Dwi Retnoningrum, Ainun Rahmasari Gumay. The immunomodulatory effect of cinnamon bark extract on the CRP level, leukocyte count and leukocyte type count of wistar rats exposed to *Staphylococcus aureus*. *Sains Medika*. Vol. 11(1). 2020
10. Martin Adhitya Subagio, Cecilia Noviyanti Salim, Qorina Putri Srisantoso, Yora Nindita, **Astika Widy Utomo**, Nani Maharani. Utilization of banana peel as pectin source as antidiarrheal on castor oil- induced diarrheal wistar rats model. *Journal of Medical Sciences*. Vol 52(2). 2020
11. M. H. C. Munthe, N. Kusumaningrum, A. N. Setyawati, **A. W. Utomo**, and S. Santoso, "CORRELATION OF INTERLEUKIN-23 SERUM LEVELS IN MEN WITH ACNE VULGARIS: A PRELIMINARY STUDY," *Jurnal Kedokteran Diponegoro (Diponegoro Medical Journal)*, vol. 10, no. 2, pp. 156-160, Mar. 2021
12. Nadia Husna Haris, Trilaksana Nugroho, **Astika Widy Utomo**, Yora Nindita. The effect of red cabbage extract to serum MDA in rats after maximum physical activity. *Indonesian Journal of Pharmacology and Therapy*. Vol 2, No. 3, September 2021: 97-103
13. S. Raisa, **A. W. Utomo**, R. Hapsari, and E. Mahati, "IDENTIFICATION OF SECONDARY METABOLITE COMPOUNDS IN TUNICATE (*Polycarpa aurata*) ASSOCIATED BACTERIA," *Jurnal Kedokteran Diponegoro (Diponegoro Medical Journal)*, vol. 10, no. 6, pp. 401-406, Nov. 2021
14. **Astika Widy Utomo**, Eva Annisaa, Arlita Leniseptaria Antari, Desy Armalina. The use of herbal medicines in patients with type 2 diabetes mellitus in Indonesia. *Sains Medika*. Vol 13(1). 2022.
15. Astriana Marta Batubara, A. Fahmy Arif Tsani, **Astika Widy Utomo**, Ahmad Syauqy. Association of Anthropometric Profiles with Triglyceride/High-Density Lipoprotein Ratios in Adult Islamic Boarding School Students. *Indonesian Journal of Nutrition and Food*. Vol.18(1). December 2023.
16. Taufik Saputra, Haidar Satya Naufal, **Astika Widy Utomo**, Nyoman Suci Widyastiti, Muhammad Farhan Kurniawan, Arfianty Nur Azizah. Effect of arum manis mango peel extract on cholesterol dan triglyceride level in dyslipidemic Sprague-dawley rats. Effect of arum manis mango peel extract on cholesterol and triglyceride levels in dyslipidemic Sprague-Dawley rats. *Med J Indones [Internet]*. 2023Dec.22 [cited 2024Apr.19];32(3):157-60
17. Yora Nindita, **Astika Widy Utomo**, Nani Maharani, Endang Mahati, Ilham Fernando Kristiandi, Irfan Kesumayadi, Eny Dyah Kurniawati, Mochamad Ali Sobirin, Noor Wijayahadi. Protective Effect of *Curcuma domestica* and *Curcuma xanthorrhiza* Extracts toward Kidney, Liver, and Pancreatic Organ Dysfunction in Streptozotocin-Induced Diabetes Mellitus Mice. *Natural and Life Science Communications*. No. 2, April-June 2023.

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