Anti-Malarial & Anti-Parasitic Actions of Chanca Piedra (*Phyllanthus niruri*)

Tiuria, R., et al. "*In vitro* anthelmintic activity of *Phyllanthus niruri* Linn., *Andrographis paniculata*, *Curcuma xanthorrhiza* Roxb., and *Curcuma aeruginosa* Roxb. ethanol extracts on the motility and cuticle damage of Ascaridia galli." *Vet. World*. 2024 Nov; 17(11): 2488-2496.

Okom, S., et al. "Safety and antimalarial therapeutic index of alkaloid-rich extract of *Phyllanthus amarus* Schumach. & Thonn. in mice." *Heliyon*. 2023 Nov; 9(12): e23078.

Jeje, T., et al. "Antiplasmodial and interferon-gamma-modulating activities of the aqueous extract of stone breaker (*Phyllanthus niruri* Linn.) in malaria infection." *Parasitol. Int.* 2023 Dec; 97: 102789.

Aliyu, K., et al. "*In vitro* antiplasmodial activity of *Phyllanthus amarus* against *Plasmodium falciparum* and evaluation of its acute toxicity effect in mouse model." *Trop. Parasitol.* 2021 Jan-Jun; 11(1): 31-37.

Olanlokun, J., et al. "Antimalarial properties and preventive effects on mitochondrial dysfunction by extract and fractions of *Phyllanthus amarus* (Schum. and Thonn) in *Plasmodium berghei*-infected mice." *J. Basic Clin. Physiol. Pharmacol*. 2020 Nov; 32(3): 255-266.

Conrado, G., et al. "Prospecting and identifying *Phyllanthus amarus* lignans with antileishmanial and antitrypanosomal activity." *Planta Med.* 2020 Jul; 86(11): 782-789.

de Oliveira, C., et al. "*Schistosoma mansoni*: *In vivo* evaluation of *Phyllanthus amarus* hexanic and ethanolic extracts." *Exp. Parasitol.* 2017 Dec; 183: 56-63.

Haslinda, M., et al. "*In vitro* antiplasmodial activity, macronutrients and trace metals in the medicinal plants: *Phyllanthus spp.* and *Alpinia conchigera* Griff." *Trop. Biomed.* 2015 Mar; 32(1): 129-39.

Kabiru, A., et al. "Evaluation of haematological changes in *Plasmodium-berghei*-infected mice administered with aqueous extract *of Phyllanthus amarus*." *Pak. J. Biol. Sci.* 2013 Jun; 16(11): 510-6.

Ifeoma, O., et al. "Isolation, fractionation and evaluation of the antiplasmodial properties of *Phyllanthus niruri* resident in its chloroform fraction." *Asian Pac. J. Trop. Med.* 2013 Mar; 6(3): 169-75.

Chowdhury, S., et al. "The lignan niranthin poisons *Leishmania donovani* topoisomerase IB and favours a Th1 immune response in mice." *EMBO Mol. Med.* 2012 Oct; 4(10): 1126-43.

Keluskar, P., et al. "Ethnopharmacology guided screening of traditional Indian herbs for selective inhibition of *Plasmodium* specific lactate dehydrogenase." *J. Ethnopharmacol.* 2012 Oct 31; 144(1): 201-7.

Kamaraj, C., et al. "Antimalarial activities of medicinal plants traditionally used in the villages of

Dharmapuri regions of South India." *J. Ethnopharmacol.* 2012 Jun 14; 141(3): 796-802.
Appiah-Opong, R., et al. "Antiplasmodial activity of extracts of *Tridax procumbens* and *Phyllanthus amarus* in *in vitro Plasmodium falciparum* culture systems." *Ghana Med. J.* 2011 Dec; 45(4): 143-50.
Yerbanga, R. et al. "Antimalarial plant remedies from Burkina Faso: their potential for prophylactic use." *J. Ethnopharmacol.* 2012 Mar; 140(2): 255-60.
Venkatesalu, V., et al. "*In vitro* anti-plasmodial activity of some traditionally used medicinal plants against *Plasmodium falciparum*." *Parasitol. Res.* 2012 Jul; 111(1): 497-501.
Ajala, T., et al. "The antiplasmodial effect of the extracts and formulated capsules of *Phyllanthus amarus* on *Plasmodium yoelii* infection in mice." *Asian Pac. J. Trop. Med.* 2011 Apr; 4(4): 283-7.
Rahuman, A., et al. "Larvicidal activity of some Euphorbiaceae plant extracts against *Aedes aegypti* and *Culex quinquefasciatus* (Diptera: Culicidae)." *Parasitol. Res.* 2008 Apr; 102(5): 867-73.
Dapper, D., et al. "Antiplasmodial effects of the aqueous extract of *Phyllantus amarus* Schumach and Thonn against *Plasmodium berghei* in Swiss albino mice." *Niger. J. Physiol. Sci.* 2007 Jun-Dec; 22(1-2): 19-25.
Traore, M., et al. "*In vitro* and *in vivo* antiplasmodial activity of 'saye', an herbal remedy used in Burkina Faso traditional medicine." *Phytother. Res.* 2008; 22(4): 550-1.
Shakil, N., et al. "Nematicidal prenylated flavanones from *Phyllanthus niruri*." *Phytochemistry.* 2008 Feb; 69(3): 759-64.
Mustofa, S., et al. "*In vitro* and *in vivo* antiplasmodial activity and cytotoxicity of extracts of *Phyllanthus niruri* L. herbs traditionally used to treat malaria in Indonesia." *Southeast Asian J. Trop. Med. Public Health.* 2007 Jul; 38(4): 609-15.
Kolodziej, H., et al. "Tannins and related compounds induce nitric oxide synthase and cytokines gene expressions in *Leishmania major*-infected macrophage-like RAW 264.7 cells." *Bioorg. Med. Chem.* 2005 Dec; 13(23): 6470-6.
Subeki, S., et al. "Anti-babesial and anti-plasmodial compounds from *Phyllanthus niruri*." *J. Nat. Prod.* 2005; 68(4): 537-9.
Cimanga, R., et al. "*In vitro* antiplasmodial activity of callus culture extracts and fractions from fresh apical stems of *Phyllanthus niruri* L. (Euphorbiaceae): part 2." *J. Ethnopharmacol.* 2004 Dec; 95(2-3): 399-404.
Tona, L., et al. "*In vitro* antiplasmodial activity of extracts and fractions from seven medicinal plants used in the Democratic Republic of Congo." *J. Ethnopharmacol.* 2004 Jul; 93(1): 27-32.
Mesia, L., et al. "*In-vitro* antimalarial activity of *Cassia occidentalis*, *Morinda morindoides* and *Phyllanthus niruri.*" *Ann. Trop. Med. Parasitol.* 2001; 95(1): 47-57.
Tona, L., et al. "Antimalarial activity of 20 crude extracts from nine African medicinal plants used in Kinshasa, Congo." *J. Ethnopharmacol.* 1999; 68(1/3): 193-203.

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