REFERENCES

[1] N. K. Sahu, M. C. Sharma, V. Mourya, and D. V. Kohli, "QSAR studies of some side chain modified 7-chloro-4-aminoquinolines as antimalarial agents," Arab. J. Chem., vol. 7, no. 5, pp. 701–707, Nov. 2014

[2] "World Malaria Report 2014 - Summary," p. 28, 2014.

[3] T. E. Wellems and C. V. Plowe, "Chloroquine-Resistant Malaria," p. 7.

[4] W. R. J. Taylor and N. J. White, "Antimalarial Drug Toxicity," Drug Saf., vol. 27, no. 1, pp. 25–61, Jan. 2004.

[5] E. A. Ashley et al., "Spread of Artemisinin Resistance in Plasmodium falciparum Malaria," N. Engl. J. Med., vol. 371, no. 5, pp. 411–423, Jul. 2014.

[6] E. Tjitra et al., "Multidrug-Resistant Plasmodium vivax Associated with Severe and Fatal Malaria: A Prospective Study in Papua, Indonesia," PLOS Med., vol. 5, no. 6, p. e128, Jun. 2008.

[7] A. M. Dondorp et al., "Artemisinin Resistance in Plasmodium falciparum Malaria," N. Engl. J. Med., vol. 361, no. 5, pp. 455–467, Jul. 2009.

[8] W. O. Godtfredsen, S. Jahnsen, H. Lorck, K. Roholt, and L. Tybring, "Fusidic Acid: a New Antibiotic.," Nature, vol. 193, 1962.

[9] Tom B, "Chapter 7 - Drug–Drug Interactions: Part One (Small Molecule Drugs)" Science Direct.

[10] G. Kaur et al., "Synthesis of fusidic acid bioisosteres as antiplasmodial agents and molecular docking studies in the binding site of elongation factor-G," MedChemComm, vol. 6, no. 11, pp. 2023–2028, 2015.

[11] S. Tonmunphean, V. Parasuk, and S. Kokpol, "QSAR Study of Antimalarial Activities and Artemisinin-Heme Binding Properties Obtained from Docking Calculations," Quant. Struct.-Act. Relatsh., vol. 19, no. 5, pp. 475–483, 2000.

[12] M. Zahouily, M. Lazar, A. Elmakssoudi, J. Rakik, S. Elaychi, and A. Rayadh, "QSAR for anti-malarial activity of 2-aziridinyl and 2,3-

[13] A. Worachartcheewan, C. Nantasenamat, C. Isarankura-Na-Ayudhya, and V. Prachayasittikul, "QSAR study of amidino bis-benzimidazole derivatives as potent anti-malarial agents against Plasmodium falciparum," Chem. Pap., vol. 67, no. 11, pp. 1462–1473, Nov. 2013.

[14] M. Iman, A. Davood, and A. Khamesipour, "Computational Study of Quinolone Derivatives to Improve their Therapeutic Index as Anti-malaria Agents: QSAR and QSTR," Iran. J. Pharm. Res. IJPR, vol. 14, no. 3, pp. 775–784, 2015.

[15] M. C. Sharma, S. Sharma, P. Sharma, and A. Kumar, "Pharmacophore and QSAR modeling of some structurally diverse azaaurones derivatives as anti-malarial activity," Med. Chem. Res., vol. 23, no. 1, pp. 181–198, Jan. 2014.

[16] K. Kalani, H. Singh Cheema, H. Tripathi, F. Khan, M. P. Daroker, and S. Kumar Srivastava, "QSAR-guided semi-synthesis and in vitro validation of antiplasmodial activity in ursolic acid derivatives," RSC Adv., vol. 5, no. 41, pp. 32133–32143, 2015.

[17] V. H. Masand, D. T. Mahajan, P. Gramatica, and J. Barlow, "Tautomerism and multiple modelling enhance the efficacy of QSAR: antimalarial activity of phosphoramidate and phosphorothioamidate analogues of amiprophos methyl," Med. Chem. Res., vol. 23, no. 11, pp. 4825–4835, Nov. 2014.

[18] T.-S. Tseng, Y.-C. Lee, N.-W. Hsiao, Y.-R. Liu, and K.-C. Tsai, "Comparative study between 3D-QSAR and Docking-Based Pharmacophore models for potent Plasomodium falciparum dihydroorotate dehydrogenase inhibitors," Bioorg. Med. Chem. Lett., vol. 26, no. 2, pp. 265–271, Jan. 2016.

[19] T. P. Jiménez Villalobos, R. Gaitán Ibarra, and J. J. Montalvo Acosta, "2D, 3D-QSAR and molecular docking of 4(1H)-quinolones analogues with antimalarial activities," J. Mol. Graph. Model., vol. 46, pp. 105–124, Nov. 2013.

[20] Hasegawa K, Miyashita Y and Funatsu K 1997 Journal of Chemical Information and Computer Sciences 37306–310 ISSN 0095-2338 URL https://doi.org/10.1021/ci960047x

[21] Sagrado S and Cronin M T D 2008 Analytica Chimica Acta 609 169–174 ISSN 0003-2670 URL http://www.sciencedirect.com/science/article/pii/S0003267008000846

[22] Gao H, Lajiness M S and Drie J V 2002 Journal of Molecular Graphics and Modelling 20 259–268 ISSN 1093-3263 URL http://www.sciencedirect.com/science/article/pii/S109332630100122X

[23] Xu L and Zhang W J 2001 Analytica Chimica Acta 446 475–481 ISSN 0003-2670 URL http://www.sciencedirect.com/science/article/pii/S0003267001012715

[24] E. Alizadeh, S. M. Lyons, J. M. Castle, and A. Prasad, "Measuring systematic changes in invasive cancer cell shape using Zernike moments," Integr. Biol., vol. 8, no. 11, pp. 1183–1193, Nov. 2016

[25] S. Tonmunphean, V. Parasuk, and S. Kokpol, "QSAR Study of Antimalarial Activities and Artemisinin-Heme Binding Properties Obtained from Docking Calculations," Quant. Struct.-Act. Relatsh., vol. 19, no. 5, pp. 475–483, 2000.

[26] D. E. Goldberg and J. H. Holland, "Genetic Algorithms and Machine Learning," Mach. Learn., vol. 3, no. 2, pp. 95–99, Oct. 1988.