

Publications in peer-reviewed journals

1. Adeniyi, B. A. and **Odufowo**, **R. O.** (2000). *In vitro* Antimicrobial potential of *Aspilia africana* (Compositae). *African Journal of Biomedical Research* Vol. 3. No. 3. 167- 170.
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3. Adeniyi, B. A., **Lawal**, **T. O.** and Olaleye, S. B. (2006). Antimicrobial and gastro-protective Activities of *Eucalyptus camaldulensis* (Myrtaceae) crude extracts. *Journal of Biological Sciences* Vol. 6. No. 6. 1141-1145.
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8. Soni, K. K., **Lawal**, **T. O.**, Locklear, T. D. and Mahady, G. B. (2011). Black cohosh for Menopause: Safety and Efficacy Issues and Future Perspectives. *Drug Information Journal* Vol. 45. 37- 44.
9. **Lawal**, **T. O.**, Adeniyi, B. A., Wan, B., Franzblau, S. G. and Mahady, G. B. (2011). *In-vitro* susceptibility of *Mycobacterium tuberculosis* to extracts of *Uvaria afzelii* Scott Elliot and *Tetracera alnifolia* Willd. *African Journal of Biomedical Research* Vol. 14. No. 1: 17- 21.
10. Sonibare, M. A., **Lawal**, **T. O.** and Ayodeji, O. O. (2011). Antimicrobial evaluation of plants commonly used in the management of psychosis opportunistic infections. *International Journal of Pharmacology* Vol. 7. No. 4. 492-495.

11. **Lawal, T. O.**, Adeniyi, B. A., Idowu, O. S. and Moody, J. O. (2011). *In vitro* activities of *Eucalyptus camaldulensis* Dehnh. and *Eucalyptus torelliana* F. Muell. against non-tuberculous mycobacteria species. *African Journal of Microbiology Research* Vol. 5. No. 22. 3652-3657.
12. Adeniyi, B. A., Obasi, O. J. and **Lawal, T. O.** (2011). *In vitro* antifungal activity of *Distemonanthus benthamianus* stem. *International Journal of Pharmacy and Pharmaceutical Sciences* Vol. 3. Suppl. 4. 52-56.
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14. Oluwasola, A. O., Okolo, C. A., Otegbayo, J. A., Adeniyi, B. A., Kehinde, A. O., Akere, A., Ola, S. O., **Lawal, T. O.**, Idowu, P. A., Odaibo, G. N. and Lawan, A. I. (2011): Comparative study of methods of diagnosis of *Helicobacter pylori* infection in Ibadan, Nigeria. *Nigerian Journal of Gastroenterology and Hepatology* Vol. 3. No 1-2. 31-38.
15. **Lawal, T. O.**, Soni, K. K., Saxena, R. C., Adeniyi, B. A. and Mahady, G. B. (2011). Anti-*Helicobacter pylori* Activities of Compounds of Natural Origin. In Goutam Brahmachari (Ed) *Bioactive Natural Products: Opportunities and Challenges in Medicinal Chemistry*. World Scientific Publishing. 475-497pp. ISBN: 978-981-4335-37-9.
16. **Lawal, T. O.**, Adeniyi, B. A., Adegoke, O. A., Franzblau, S. G. and Mahady, G. B. (2012). *In vitro* susceptibility of *Mycobacterium tuberculosis* to extracts of *Eucalyptus camaldulensis* and *Eucalyptus torelliana* and isolated compounds. *Pharmaceutical Biology* Vol. 50. No 1. 92-98.
17. Adeniyi, B. A., **Lawal, T. O.**, Otegbayo, J. A., Oluwasola, O. A., Odaibo, G. N., Ola, S. O., Okolo, C. A., Akere, A., Kehinde, A. O. (2012). Cultural characteristics and antibiotic susceptibility pattern of *Helicobacter pylori* isolated from dyspepsia patients. *Gastroenterology Insights* Vol. 4, No. 21, 87-89.
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21. **Lawal, T. O.**, Agidigbi, T. S. and Adeniyi, B. A. (2012). Inhibition of nontuberculous mycobacteria species by methanol extracts of *Cola nitida* (Vent.) Schott. *Nigerian Journal of Science* Vol. 46. 29-35.
22. **Lawal, T. O.**, Soni, K. K., Adeniyi, B. A., Doyle B. J. and Mahady, G. B. (2013). Botanicals as Adjunct Therapy and Treatment for Multi-Drug-Resistant Staphylococcal infections. In Mahendra Rai and Kateryna Kon (Eds.) *Fighting Multidrug Resistance with Herbal Extracts, Essential Oils and their Components*. Elsevier Publishing. 135-147pp. ISBN: 978-0-12-398539-2.
23. Oyagbemi, T. O., Ogunleye, A. O., **Lawal, T. O.** and Oyagbemi, A. A. (2013). Antimicrobial activity of *Parquetina nigrescens* on some multidrug resistant pathogens isolated from poultry and cases of otitis media in dogs from Nigeria. *African Journal of Biotechnology* Vol. 12, No. 13, 1559-1563.
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26. **Lawal, T. O.**, Jimoh K. A. and Adeniyi B. A. (2014). Antimicrobial Potentials of *Uvaria afzelli* Scott-Elliot and *Tetracera alnifolia* Willd. crude extracts on selected human pathogens: An *In-Vitro* Study. *Journal of Natural Sciences Research* Vol. 4. No. 6. 115-119.
27. Igbokwe C. O., **Lawal, T. O.**, Olorunnipa T. A., Adeniyi B. A. and Mahady G. B. (2014). Antimicrobial susceptibility of crude extracts of *Allium ascalonicum* Linn. (whole plant) and *Gladiolus psittacinus* hook (corm) against five common pathogens: an *in vitro* investigation. *International Journal of Microbiology Research* Vol. 6. No. 1. 510-514.
28. Igbokwe, C. O., **Lawal, T. O.** and Adeniyi, B. A. (2014). *In vitro* Anti-mycobacterial Sensitivity and Kill-kinetics of *Allium ascalonicum* L. (whole plant) on Nontuberculous Mycobacteria Species. *African Journal of Biomedical Research* Vol. 17. No. 3. 93- 99.
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32. **Lawal, T. O.**, Ogudo, B. U., Oyedemi, T. O., Bamidele, T. A. and Adeniyi, B. A. (2014). Antibacterial potentials of three common spices against selected pathogens. *Journal of Natural Sciences Research* Vol. 4. No. 18. 78-84.
33. Oyedemi, T. O., **Lawal, T. O.** and Adeniyi, B. A. (2014). Effects of *Myristica fragrans* Houtt. Seed (Nutmeg) on *Helicobacter pylori*-induced gastritis in albino rats: *in vitro* and *in vivo* studies. *International Journal of Biological and Chemical Science* Vol. 8. No. 4. 1355-1367.
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37. Adeniyi, B. A., Mebude, O. O., **Lawal, T. O.** and Nwanekwu, K. E. (2016). *In-vitro* antifungal activities of *Cola nitida* Schott & Endl. (Sterculiaceae) against five *Candida* species and four dermatophytes. *British Microbiology Research Journal* Vol 14. No 2. 1-8.
38. **Lawal, T. O.**, Bamiduro, T. B., Adeniyi, B. A. and Mahady, G. B. (2016). Aqueous extracts of *Anogeissus leiocarpus* (DC.) Guill. & Perr. and *Terminalia glaucescens* Planch ex Benth. inhibited *Helicobacter pylori*. *Journal of Agriculture, Biology and Healthcare* Vol. 6. No. 24. 15-20.
39. Wicks, S. M., **Lawal, T. O.**, Raut, N. A., and Mahady, G.B. (2017). Interactions of Commonly Used Prescription Drugs With Food and Beverages. In: Bagchi D. (ed)

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42. Mebude, O. O., Adeniyi, B. A. and **Lawal, T. O.** (2017). *In vitro* antimicrobial activities of ethanol extract of *Distemonanthus benthamianus* (Aayan) Baillon (Fabaceae) on *Streptococcus mutans*. *British Journal of Medicine and Medical Research* Vol. 22. No. 1. 1-8.
43. **Lawal, T. O.**, Bamiduro, T. B., Ofonmbuk, J. O., Elufioye, T. O., Adeniyi, B. A. and Mahady, G. B. (2017). Antibacterial effects of *Anogeissus leiocarpus* (DC.) Guill. & Perr. and *Terminalia glaucescens* Planch. ex Benth. on rapidly growing Mycobacteria species. *African Journal of Microbiology Research* Vol. 11, No. 12, 495-503.
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45. Javad, S-R., Bahare, S., Zorica, Z. S-R., Fokou, P. V. T., Marzieh, S-R., Mahady, G. B., Majid, S-R., Masjedi, M-R., **Lawal, T.O.**, Seyed, A. A., Javid, M., Razieh, S-R., Setzer, W. N., Mehdi, S-R., Farzad, K., Atta-ur, R., Choudhary, M. I., Athar, A. and Iriti, M. (2017). Medicinal plants used in the treatment of tuberculosis - Ethnobotanical and ethnopharmacological approaches. *Biotechnology Advances* Vol. 35, No. 4.
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47. Soni, K.K., Raut, N., **Lawal, T.O.**, Patel, U. and Mahady, G. B. (2017). A Purified Fraction of *Ocimum tenuiflorum* (L) Inhibits LTC₄, LTA₄ and COX-2 Activities, Down-Regulates mRNA Expression in HL-60 Cells and Reduces Lung Inflammation in an OVA Induced Asthma Model in BALB/c Mice. *Immunology, Endocrine & Metabolic Agents in Medicinal Chemistry (Formerly Current Medicinal Chemistry - Immunology, Endocrine and Metabolic Agents)*, Vol. 17, No 2:115-126.

48. Doyle, B. J., **Lawal, T.O.**, Locklear, T. D., Hernandez, L., Perez, A. L., Patel, U., Patel, S. R. and Mahady, G. B. (2018). Isolation and identification of three new chromones from the leaves of *Pimenta dioica* with cytotoxic, oestrogenic and anti-oestrogenic effects. *Pharmaceutical Biology* Vol. 56 No 1: 235-244.
49. **Lawal, T.O.**, Wicks, S.M., Calderon, A.I. and Mahady, G.B. (2019). Bioactive Molecules, Pharmacology and Future Research Trends of *Ganoderma lucidium* as a Cancer Chemotherapeutic Agent. In: Khan M.S.A., Ahmad I., Chattopadhyay D. (eds) *New Look to Phytomedicine: Advancements in Herbal Products as Novel Drug Leads*. Pages 159-178. ISBN 9780128146194.

Published Abstracts

1. Soni KK, **Lawal TO**, Wicks SM, Patel U and Mahady GB. *Boswellia serrata* and *Ocimum sanctum* extracts reduce inflammation in an ova-induced asthma model of BALB/c mice. *Planta Medica* 2015; 81 - PB4.
2. **Lawal TO**, Slover C, Lee V and Mahady GB. Ginger (*Zingiber officinale* Roscoe, Zingiberaceae) extract and 10-Gingerol enhance the activity of Clarithromycin against resistant *Helicobacter* strains. *Planta Medica* 2016; 82 -OA33.
3. **Lawal TO**, Slover C, Lee V and Mahady GB. *In Vitro* Susceptibility of Oral Pathogens to Traditional Medicines used to treat Gingivitis and Peridontal Infections. *Planta Medica* 2016; 82 - PB29.
4. **Lawal TO**, Schriever C, Pendland SL and Mahady GB. *In Vitro* Susceptibility of *Chlamydia pneumoniae* to Extracts of *Curcuma longa* L. and *Zingiber officinalis* L. (Zingiberaceae). *Planta Medica* 2016; 82 - PB30.