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**CURRICULUM VITAE**

**DR YAW DUAH BOAKYE**

**PERSONAL INFORMATION**

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| **SURNAME:**  | Boakye |
| **OTHER NAMES:** | Yaw Duah |
| **DATE OF BIRTH:** | 7th May, 1987 |
| **PLACE OF BIRTH:**  | Kumasi, Ghana |
| **SEX:** | Male  |
| **MARITAL STATUS**: | Married  |
| **NATIONALITY:**  | Ghanaian  |
| **LANGUAGE:** |  |
| Spoken: | English (Excellent) and Twi (Excellent) |
| Written: | English (Excellent) and Twi (Very good) |
| **CONTACT ADDRESS :** | Department of PharmaceuticsFaculty of Pharmacy and Pharmaceutical SciencesKwame Nkrumah University of Science and TechnologyKumasi, Ghana |
| **E-MAIL:** | yawduahb@gmail.com; ydboakye.pharm@knust.edu.gh.  |
| **MOBILE TELEPHONE:** | +233557902919+233265464513 |
| **NEXT OF KIN:** | Otwiwa Payne-Buabin |

**ACADEMIC QUALIFICATIONS**

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| **No.** | **INSTITUTIONS**  | **YEAR**  | **DEGREE/CERTIFICATE** |
| 1. | Kwame Nkrumah University of Science and Technology, Kumasi, Ghana | August, 2011 – November, 2015 | PhD (Pharmaceutical Microbiology) |
| 2. | Pharmacy Council, Accra, Ghana | January, 2012 to date | Ghana Pharmacy Professional Qualification Certificate |
| 3. | Kwame Nkrumah University of Science and Technology, Kumasi, Ghana | August, 2006 – June, 2010 | Bachelor of Pharmacy |
| 4. | Chemu Secondary School, Tema, Ghana | October, 2002 – April, 2005 | SSSCE |

**APPOINTMENTS AND POSITIONS HELD**

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| **No.** |  | **POSITION** | **YEAR** |
|  | Adjunct Lecturer  | Pharmaceutical Sciences Department, Kumasi Technical University, Kumasi  | February, 2018 to August, 2018 |
|  | Lecturer | Department of Pharmaceutics, KNUST, Kumasi, Ghana | January, 2018 to date |
|  | Part-time lecturer | Department of Pharmaceutics, KNUST, Kumasi, Ghana | August, 2016 – December, 2017 |
|  | Post-doctoral fellow | Molecular Target Group, Department of Pharmacognosy, University of Vienna, Austria | November, 2015 – May, 2016 |
|  | Graduate Assistant/ Demonstrator | Department of Pharmaceutics (Microbiology section), Kumasi, Ghana | August, 2011 – May, 2015 |
|  | Teaching Assistant | Department of Pharmaceutics (Microbiology section), Kumasi, Ghana | August, 2010 – May, 2011 |

**Awards, Honours and Fellowships**

1. Post-Doctoral Research Fellowship Award, Society for Medicinal Plant and Natural Product Research/Dr. Willmar Schwabe Research Scholarship for Young Scientist as Research Associate at Department of Pharmacognosy (Molecular Target Group), Faculty of Life Sciences, University of Vienna, Vienna, Austria, November, 2015 – July, 2016.
2. International Travel Grant Award, 62nd International Congress and Annual Meeting of the Society for Medicinal Plant and Natural Product Research (GA), University of Minho, Campus of Azurém, Guimarães, Portugal, 30st August – 4th September, 2014

**MEMBERSHIP OF PROFESSIONAL BODIES**

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| **No.** | **PROFESSIONAL BODY** | **YEAR** |
| 1. | Executive Member, Pharmaceutical Society of Ghana, Ashanti Branch | 2019 to date  |
| 2. | Member, University Teachers’ Association of Ghana | 2018 to date |
| 3.  | Member, Academia, Social and Research Pharmacists’ Association | 2012 to date  |
| 4. | Member, Society for Medicinal Plant and Natural Product Research  | 2013 to date  |
| 5. | Pharmaceutical Society of Ghana | 2012 to date |

1. **Other Professional Related Experience**
2. Member, Continuous Professional Development and Short Courses Committee, June, 2021 to date
3. Chairman,Programmes Committee,Valley View University-Kumasi Campus, Kumasi, Ghana, June, 2021 to date
4. Member,Proposal Writing Committee,Valley View University-Kumasi Campus, Kumasi, Ghana, June, 2021 to date
5. Review Editor, Editorial Board of Acta Scientific Veterinary Science Journal, May, 2021 to date
6. Reviewer, Journal of Ethnopharmacology, June 2021 to date
7. Member,Hospital Proposal Writing Committee,Valley View University-Kumasi Campus, Kumasi, Ghana, April, 2021 – May, 2021
8. Reviewer, Journal of Bioinformatics and Sequence Analysis (JBSA), January, 2021 to date
9. Reviewer, African Journal of Pharmacy and Pharmacology (AJPP), January 2021 to date
10. Reviewer, International Journal of Water Resources and Environmental Engineering (IJWREE), January 2021 to date
11. Member, College Online Learning Training Team, College of Health Sciences, Kwame Nkrumah University of Science and Technology, Kumasi, Ghana, 25th January 2021 to date
12. Chairman, College Graduate Tracer Study Committee, College of Health Sciences, Kwame Nkrumah University of Science and Technology, Kumasi, Ghana, 20th January 2021 to date
13. Co – Opted member, College Orientation Planning Committee for Freshmen in the 2020/2021 Academic Year, College of Health Sciences, Kwame Nkrumah University of Science and Technology, Kumasi, Ghana, 11th to 12th January 2021
14. Review Editor on the Editorial Board of Antimicrobial Resistance (specialty section of Frontiers in Tropical Diseases), December 2020 to date
15. Member, Winneba Community Health Nursing (CHN) Invigilation Team for the Ministry of Health Diploma Up-Grade Examination, College of Health Sciences, Kwame Nkrumah University of Science and Technology, Kumasi, Ghana, 26th September to 4th October 2020
16. Member, Hospital Project Implementation Committee, Valley View University-Kumasi Campus, Kumasi, Ghana, October 2020 to date
17. Member, Dental School and Hospital Establishment Committee, Valley View University-Kumasi Campus, Kumasi, Ghana, August, 2020 to October, 2020.
18. Core Group Member, Trainers for Training of Academic Staff on the Use of Moodle for Online Teaching and Learning, Kwame Nkrumah University of Science and Technology, Kumasi, Ghana, August 2020
19. Reviewer, Journal of Bacteriology Research, August 2020 to date
20. Examination Officer, Department of Pharmaceutics, Faculty of Pharmacy and Pharmaceutical Sciences, Kwame Nkrumah University of Science and Technology, Kumasi, Ghana, July 2020 to date
21. Member, Nkawkaw Registered General Nursing (RGN) Invigilation Team for the Ministry of Health Terminal Diploma Examination, College of Health Sciences, Kwame Nkrumah University of Science and Technology, Kumasi, Ghana, 2nd – 6th July, 2020.
22. Member, Committee to Review Draft Effective Research Communication Manual, Quality Assurance and Planning Unit, Kwame Nkrumah University of Science and Technology, Kumasi, Ghana, June 2020 to July 2020
23. Internal Examiner (PhD/MPhil Theses), Department of Pharmaceutics, Faculty of Pharmacy and Pharmaceutical Sciences, Kwame Nkrumah University of Science and Technology, Kumasi, Ghana, May 2020 to date
24. Member, Committee to Evaluate and Review the Quality Assurance Bulletin Vol 17, Quality Assurance and Planning Unit, Kwame Nkrumah University of Science and Technology, Kumasi, Ghana, January 2020 to February 2020
25. Reviewer, Journal of Herbal Medicine, May 2020 to date
26. Reviewer, Biotechnology and Applied Biochemistry, March 2020 to date
27. Reviewer, Scientific Africa, January 2020 to date
28. Reviewer, International Journal of Genetics and Molecular Biology (IJGMB), October 2019 to date
29. Reviewer, Journal of Microbiology and Antimicrobials (JMA), August 2019 to date
30. External Assessor, University of Limpopo, Sovenga, South Africa, August, 2019 to date
31. Member, Sekondi Registered General Nursing (RGN) Invigilation Team for the Ministry of Health Diploma Up-Grade Examination, College of Health Sciences, Kwame Nkrumah University of Science and Technology, Kumasi, Ghana, 18th – 24th August 2019
32. Guest Editor, BMC Complementary and Alternative Medicine, 2019 to date.
33. Hall Fellow, Queen Elizabeth II Hall, Kwame Nkrumah University of Science and Technology, Kumasi, September, 2019 to date
34. Leader, Bole Community Health Nursing (CHN) Invigilation Team for the Ministry of Health Terminal Diploma Examination, College of Health Sciences, Kwame Nkrumah University of Science and Technology, Kumasi, Ghana, 11th – 12th June, 2019.
35. Reviewer, International Journal of Biotechnology and Molecular Biology Reviews, April 2019 to date
36. Assistant Coordinator, Faculty Postgraduate Programmes and Seminars, Faculty of Pharmacy and Pharmaceutical Sciences, Kwame Nkrumah University of Science and Technology, Kumasi, March 2019 to date
37. Chairman, Committee to Evaluate and Review Cyclical Institutional Review, Quality Assurance and Planning Unit, Kwame Nkrumah University of Science and Technology, Kumasi, February, 2019 to March, 2019
38. Member, Committee to Develop Syllabus for Pharmacists Immunization Programme, Pharmaceutical Society of Ghana, Accra, Ghana, February 2019 to August 2019.
39. Website Content Management, Faculty of Pharmacy and Pharmaceutical Sciences, Kwame Nkrumah University of Science and Technology, Kumasi, February 2019 to date
40. Reviewer, African Journal of Microbial Research (AJMR), January 2019 to date
41. Reviewer, Turkish Journal of Gastroenterology, September 2018 to date
42. Reviewer, Evidence Based Complementary and Alternative Medicine, June 2018 to date
43. Reviewer, SEJ Biopharmaceutics, September 2018 to date
44. Member, Scientific Sub-Committee, 2018 Annual General Meeting, Pharmaceutical Society of Ghana, January 2019 to August 2019
45. Member, Continuing Professional Development (CPD) Committee, Faculty of Pharmacy and Pharmaceutical Sciences February 2018 to date
46. Member, Departmental Board, Department of Pharmaceutics, Faculty of Pharmacy and Pharmaceutical Sciences, Kwame Nkrumah University of Science and Technology, Kumasi, Ghana, January 2018 to date
47. Class Coordinator for PHARMD 1A, Faculty of Pharmacy and Pharmaceutical Sciences, Kwame Nkrumah University of Science and Technology, Kumasi, Ghana, March 2018 to date
48. Leader, Dormaa-Ahenkro RM Invigilation Team for the Nursing and Midwifery Terminal Examination, College of Health Sciences, Kwame Nkrumah University of Science and Technology, Kumasi, Ghana, 12th – 13th June, 2018.
49. Member, Winneba CHN Invigilation Team for the Ministry of Health Diploma Up-Grade Examination, College of Health Sciences, Kwame Nkrumah University of Science and Technology, Kumasi, Ghana, 11th – 18th August 2018.
50. Member, 8th Summer School Committee, Kwame Nkrumah University of Science and Technology, Kumasi, Ghana, January 2018 to August 2018.
51. Member, Scientific Sub-Committee, 2018 Annual General Meeting, Pharmaceutical Society of Ghana, January 2018 to August 2018
52. Assistant Coordinator, Faculty Graduate (Research Degree) Programmes and Graduate Students, Faculty of Pharmacy and Pharmaceutical Sciences, Kwame Nkrumah University of Science and Technology, Kumasi, Ghana, 2018 to date
53. Faculty Relations and Editorial Committee, Faculty of Pharmacy and Pharmaceutical Sciences, Kwame Nkrumah University of Science and Technology, Kumasi, Ghana, October 2017 to date
54. Preceptor, Advance Community Pharmacy Training, Faculty of Pharmacy and Pharmaceutical Sciences, Kwame Nkrumah University of Science and Technology, Kumasi, Ghana, 2017 to date
55. Faculty Graduate Students’ Week Committee, Faculty of Pharmacy and Pharmaceutical Sciences, Kwame Nkrumah University of Science and Technology, Kumasi, Ghana, August 2016 to date
56. Member, College Invigilation Monitoring Team, College of Health Science, Kwame Nkrumah University of Science and Technology, Kumasi, Ghana, November 2017 to date
57. Member, Rapporteur Team, 7th KNUST Summer School, Kwame Nkrumah University of Science and Technology, Kumasi, Ghana, 21st - 25th August 2017
58. Member, Committee for the Evaluation of the Faculty for African Quality Rating Mechanism (AQRM), Faculty of Pharmacy and Pharmaceutical Sciences, Kwame Nkrumah University of Science and Technology, Kumasi, Ghana, March 2017 to May 2017
59. Reviewer, Journal of Advances in Medical and Pharmaceutical Sciences, May 2017 to date
60. Member, Department of Pharmaceutics Product Development Committee, Department of Pharmaceutics, Faculty of Pharmacy and Pharmaceutical Sciences, Kwame Nkrumah University of Science and Technology, Kumasi, Ghana, February 2017 to date
61. Member, Committee to Review the Pharmaceutical Microbiology Laboratory Manuals, Department of Pharmaceutics, Faculty of Pharmacy and Pharmaceutical Sciences, Kwame Nkrumah University of Science and Technology, Kumasi, Ghana, January to March 2017
62. Member, Committee for the Creation of Department of Pharmaceutical Microbiology and Renaming of Others, Faculty of Pharmacy and Pharmaceutical Sciences, Kwame Nkrumah University of Science and Technology, Kumasi, Ghana, 2014 to 2015
63. Chairman, 7th Annual Graduate Students’ Association of Ghana (GRASAG) KNUST Branch Research Conference Committee, Kwame Nkrumah University of Science and Technology, Kumasi, Ghana, August 2013 to March 2014
64. Chairman, Research Committee, 7th Annual Graduate Students’ Association of Ghana (GRASAG), Kwame Nkrumah University of Science and Technology, Kumasi, Ghana, August 2013 to March 2014
65. Member, 6th Annual Graduate Students’ Association of Ghana (GRASAG) KNUST Branch Research Conference Planning Committee, Kwame Nkrumah University of Science and Technology, Kumasi, Ghana, August 2012 to March 2013
66. Member, Research Committee, KNUST Graduate Students’ Association of Ghana (GRASAG), Kwame Nkrumah University of Science and Technology, Kumasi, Ghana, August 2013 to March 2014

**3. Details of Research or Projects Undertaken Since My Appointment as Lecturer in 2018**

1. **List of All Research Conducted**
2. Principal Investigator, Search for antimicrobial, anti-inflammatory and wound healing and other pharmacologically/biologically active agents from medicinal plants and natural products, **2018 to date**
3. Principal Investigator, Search for anti-cataract agents from Ghanaian medicinal plants, **2018 to date**
4. Co-Investigator, Ethnopharmacology of Ghanaian medicinal plants, **2018 to date**
5. Co-Investigator, Antibiotic resistance in humans and animals, **2018 to date**
6. Co-Investigator, Search for bioactive agent and compounds from Ghanaian medicinal plants against different species of *Leishmania, Onchocerca, Brugia* and *Schistosoma*, **2018 to date**
7. Co-Investigator, Search for immune-modulatory agents from Ghanaian medicinal plants, **2018 to date**
8. **Publications Arising Out The Research Conducted**
9. ***Publications in Peer-Reviewed Journals***
10. Odoi, H., Boamah, V.E., **Boakye, Y.D.,** Agyare, C. (June, 2021). Prevalence and phenotypic and genotypic mechanism of multi-drug resistance *Pseudomonas aeruginosa* strains isolated from clinical, environmental and poultry litter samples from Ashanti region of Ghana. *Journal of Environmental and Public Health*, 2021, Article ID 9976064, 12 pages https://doi.org/10.1155/2021/9976064.
11. Wahab Obeng, A., **Boakye Y.D.,** Agana T.A., Djameh I.G., Boamah D., Adu F. (May, 2021). Anti-trypanosomal and anthelminthic properties of ethanol and aqueous extracts of *Tetrapleura tetraptera* Taub. *Veterinary Parasitology*, 294 (2021):109449.
12. Tagoe, M., **Boakye, Y.D.,** Agana, T.A., Boamah, V.E. and Agyare, C., (May, 2021). *In vitro* anthelmintic activity of ethanol stem bark extract of *Albizia ferruginea* (Guill. & Perr.) Benth. *Journal of Parasitology Research*, *2021*. Article ID 6690869, 10 pages, 2021. https://doi.org/10.1155/2021/6690869
13. Osei, F.B., Boamah, V.E., **Boakye, Y.D.,** Agyare, C. and Abaidoo, R.C., (February, 2021). Antibiotic Resistance of Bacteria Isolated from Water Supplies Used in Poultry Production in Ashanti Region of Ghana. *The Open Microbiology Journal*, *15*(1):7-15.
14. Ade, A., Amengor, C.D., Brobbey, A., Ayensu, I., Harley, B.K. and Boakye, Y.D., (October, 2020). Synthesis and Antimicrobial Resistant Modulatory Activity of 2, 4-Dinitrophenylhydrazone Derivatives as Agents against Some ESKAPE Human Pathogens. *Journal of Chemistry*, Volume 2020, Article ID 2720697, 9 pages, 2020. <https://doi.org/10.1155/2020/2720697>.
15. Abdul-Nasir-Deen, A. Y., **Boakye, Y. D.,** Osafo, N., Agyare, C., Boamah, D., Boamah, V. E., and Agyei, E. K. (September, 2020). Anti-inflammatory and wound healing properties of methanol leaf extract of *Physalis angulata* L. *South African Journal of Botany*, *133*, 124-131.
16. Osei Akoto, C., Acheampong, A., **Boakye, Y.D.,** Naazo, A.A., and Adomah, D.H. (May, 2020). Anti-Inflammatory, Antioxidant, and Anthelmintic Activities of *Ocimum basilicum* (Sweet Basil) Fruits. *Journal of Chemistry*, vol. 2020, pp. 1 – 9.
17. Osei Akoto, C., Acheampong, A., **Boakye, Y.D.,** Kokloku, B.K., and Kwarteng, G. (April, 2020). *In vitro* anthelmintic, anti-inflammatory, antioxidant activities and FTIR analysis of *Sclerocarya birrea* root. *Journal of Pharmacognosy and Phytochemistry*, vol. 9, no. 2, pp. 1389-1401.
18. Bekoe, E.O., Agyare, C., **Boakye, Y.D.,** Baiden, B.M., Asase, A., Sarkodie, J., Nettey, H., Adu, F., Otu, P.B., Agyarkwa, B., and Amoateng, P. (February, 2020). Ethnomedicinal survey and mutagenic studies of plants used in Accra metropolis, Ghana. *Journal of Ethnopharmacology*, vol. 248, 112-309.
19. Akoto, C. O., Acheampong, A., **Boakye, Y. D.,** Takyi, S., & Garba, R. (October, 2019). Phytochemical screening and in vitro antioxidant and antimicrobial activities of the extracts of the stem-bark of Psydrax peruviana. *Journal of Medicinal Plants*, *7*(5), 28-34.
20. Akoto, C. O., Acheampong, A., **Boakye, Y. D.**, Akwata, D., Okine, M. (August, 2019). In vitro anthelminthic, antimicrobial and antioxidant activities and FTIR analysis of extracts of Alchornea cordifolia leaves. *Journal of Pharmacognosy and Phytochemistry*, *8*(4), 2432-2442.
21. Adu, F., **Boakye, Y. D.,** Agyare, C., Sam, G. H., & Etsiapa, V. (March, 2019). Antibacterial resistance modulatory properties of selected medicinal plants from Ghana. *African Journal of Pharmacy and Pharmacology*, 13(5): 57-69.
22. **Boakye, Y. D.,** Agyare, C., Ayande, G. P., Titiloye, N., Asiamah, E. A., Danquah, K. O. (August, 2018). Assessment of wound healing properties of medicinal plants: The case of Phyllanthus muellerianus. *Frontiers in pharmacology*, *9*: 945.
23. Appiah, T., Agyare, C., Luo, Y., Boamah, V. E., **Boakye, Y. D.** (July, 2018). Antimicrobial and Resistance Modifying Activities of Cerevisterol Isolated from Trametes Species. Current Bioactive Compounds 2018, 14
24. Kyere-Davies, G., Agyare, C., **Boakye, Y. D.,** Suzuki, B. M., Caffrey, C. R. (June, 2018). Effect of Phenotypic Screening of Extracts and Fractions of Erythrophleum ivorense Leaf and Stem Bark on Immature and Adult Stages of Schistosoma mansoni. *Journal of Parasitology Research*, *2018*.
25. Adu, F., Agyare, C., Sam, G. H., **Boakye, Y. D.,** Etsiapa, V. (May, 2018). Anthelmintic resistance modifying properties of extracts of *Cyperus difformis* L. (Cyperiaceae). *Investigational Medicinal Chemistry and Pharmacology,* 1(1):3.
26. Amengor C. D., Adu K. J., Ayensu I, **Boakye Y. D.,** Yakubu J., Boama V. E., Agyare C., Boateng J., Dobbs A. (May, 2018). Antimicrobial, antioxidant and anti-inflammatory activities of synthesised 1,2,3-triazoles. *Investigational Chemistry and Pharmacology*, 1(1):8
27. **Boakye Y.D.,** Groyera L., Heiss E.H. (January, 2018). An increased autophagic flux contributes to the anti-inflammatory potential of urolithin A in macrophages. Biochimica et Biophysica Acta (BBA)- General Subjects, 1862(1):61-70 doi:10.1016/j.bbagen.2017.10.006.
28. Appiah T., **Boakye Y.D.,** Agyare C. (October, 2017).Antimicrobial activities and time-kill kinetics of extracts of selected Ghanaian mushrooms. Evidence-Based Complementary and Alternative Medicine, vol. 2017, Article ID 4534350, 15 pages, 2017. doi:10.1155/2017/4534350
29. Agoba, E.E., Adu, F., Agyare, C., Boamah, V.E., **Boakye, Y.D.** (August, 2017). Antibiotic resistance patterns of bacterial isolates from hatcheries and selected fish farms in the Ashanti region of Ghana. Journal of Microbiology and Antimicrobials, 9(4): 35-46
30. Kyere-Davis G., Agyare C., **Boakye Y.D.,** Bains T., Suzuki M.B., McKerrow H.J., Caffrey R.C., Debnath J. (June, 2017). *In vitro* activity of selected Ghanaian medicinal plants against parasites: *Giardia lamblia*, *Entamoeba histolytica* and *Naegleria fowleri*. African Journal of Pharmacy and Phamacology. 11(23): 279-283.
31. Dapaah S. O., Agyare C., Bekoe E.O., Ossei S.P.P., **Boakye Y.D.,** Asiamah E.A. (February, 2017). Wound healing and cytotoxicity effects of *Hilleria latifolia* and *Laportea Ovalifolia*”. EC Pharmacology and Toxicology 3.3 (2017): 72-83
32. Osafo, N. and **Boakye, Y.D.** (January, 2017). A Review: Ethnomedicinal, phytochemical and pharmacological investigations of *Lannea welwitschii* (Hiern) Engl. Journal of Advances in Medical and Pharmaceutical Sciences. 11(4): 1-10.
33. Osafo, N. and **Boakye, Y.D.** (January, 2017). *Glyphaea brevis* (Spreng.) Monach.: A review of the ethnomedical, phytochemical and pharmacological investigations. British Journal of Pharmaceutical Research. 12(2): 1-18.
34. **Boakye, Y.D.,** Shaheen, S., Nawaz, H., Nisar, S. and Waqar, M., (January, 2017). *Artemisia scoparia*: A review on traditional uses, phytochemistry and pharmacological properties. *International Journal of Chemical and Biochemical Sciences,*12(2017): 92-97.
35. Agyare, C., Bekoe, E.O., **Boakye, Y.D.,** Dapaah, S.O., Appiah, T. Bekoe, S.O. (October, 2016). Medicinal plants and natural products with demonstrated wound healing properties. Journal of Ethnopharmacology, 177: 85-100.
36. **Boakye, Y.D.,** Agyare, C. Dapaah, S.O. (October, 2016). *In vitro* and *in vivo* antioxidant properties of *Phyllanthus muellerianus* and its major constituent, geraniin. Oxidants and Antioxidants in Medical Science, 5(2): 70-78.
37. Dapaah, S.O., Agyare, C., **Boakye, Y.D.,** Appiah, T (August, 2016). Modulatory effects of *Hilleria latifolia* and *Laportea ovalifolia* on activity of selected antibiotics. Journal of Medicinal Plant Research, 10 (25): 360-366
38. Dapaah, S.O., Agyare, C., Obiri, D. D., **Boakye, Y.D.,** Osafo N.(April, 2016). *In vivo* anti-inflammatory activity and *in vitro* antioxidant properties of Hilleria latifolia and Laportea ovalifolia. African Journal of Pharmacy and Pharmacology, 10(20): 442-450.
39. **Boakye, Y.D.,** Agyare, C., Abotsi, W.K.M., Ayande, P.G., Ossei, S.P.P. (April, 2016). Anti-inflammatory activity of aqueous leaf extract of *Phyllanthus muellerianus* (Kuntze) Exell. and its major constituent, geraniin. Journal of Ethnopharmacology,187: 17-27.
40. **Boakye, Y.D.**, Agyare, C., Hensel, A. (February, 2016). Anti-infective properties and time-kill kinetics of *Phyllanthus muellerianus* and its major constituent, geraniin. Medicinal Chemistry, 6:095-104.
41. Agyare, C., **Boakye, Y.D.**, Bekoe, E.O., Hensel, A., Dapaah, S.O., Appiah, T. (January, 2016). Review: African medicinal plants with wound healing properties. Journal of Ethnopharmacology, 177:85-100.
42. Agyare, C., **Boakye, Y.D.**, Apenteng, J.A., Dapaah, S.O., Appiah, T. Adow A. (January, 2016). Antimicrobial and anti-inflammatory properties of *Anchomanes difformis* (Bl.) Engl. and *Colocasia esculenta* (L.) Schott. Biochemical Pharmacology, 5(201): 2167-0501.
43. Agyare, C., Oguejiofor, S., Bekoe, E.O., Adu-Amoah, L., **Boakye, Y.D.** (January, 2016). Anti-inflammatory and anti-infective properties of ethanol leaf and root extracts of *Baphia nitida*. British Pharmacology Research Journal, 11(4):1-11.
44. Agyare, C., Apenteng, J.A., Adu, F., Kesseih, E., **Boakye, Y.D.** (May, 2015). Antimicrobial, antibiotic resistance modulation and cytotoxicity studies of different extracts of *Pupalia lappacea*. Pharmacologia, 6(6): 244-57.
45. Agyare, C., Baiden, E., Apenteng, J.A., **Boakye, Y.D.,** Adu-Amoah, L. (April, 2015). Anti-infective and anti-inflammatory properties of *Portulaca oleracea* L. Donnish Journal of Medicinal Plant Research, 2(11):1-6.
46. Agyepong, N., Agyare, C., Ossei, P.P.S., **Boakye, Y. D.** (January, 2015). Antioxidant and *in vivo* wound healing activities of *Clausena anisata*. European Journal of Medicinal Plants, 10(2):1-8.
47. Boadu, R.F., Agyare, C., Yiadom, M.A., Adu, F., Boamah, V.E., **Boakye, Y.D.** (January, 2015). In vitro activity and evaluation of quality of some selected penicillins on the Ghanaian market using developed HPLC methods. Medicinal Chemistry, 5:001-014. doi: 10.4172/2161-0444.1000235.
48. Apenteng, J.A., Agyare, C., Adu, F., Ayande, P.G., **Boakye, Y.D.** (October, 2014). Evaluation of wound healing potential of different leaf extracts of *Pupalia lappacea*. African Journal of Pharmacy and Pharmacology, 8(41), 1039-1048.
49. Agyare, C., Owusu-Ansah, A., Ossei, P.P.S., Apenteng, J.A., **Boakye, Y.D.** (September, 2014). Wound healing and anti-infective properties of Myrianthus arboreus and Alchornea cordifolia. Medicinal Chemistry, 4:533-539. doi: 10.4172/2161-0444.1000191
50. Agyare C., Bempah B.S., **Boakye Y.D.**, Ayande P.G., Mensah K.B., Adarkwa;Yiadom M. (September, 2013). Evaluation of antimicrobial and wound healing potential of *Justicia flava* and *Lannea welwitschii.* Evidence-Based Complementary and Alternative Medicine, Volume 2013 (2013), Article ID 632927, 10 pages.
51. Agyare C., Dwobeng A.S., Agyepong N., **Boakye Y.D.**, Mensah K.B., Ayande P.G., Adarkwa-Yiadom M. (April, 2013). Antimicrobial, antioxidant, and wound healing properties of *Kigelia africana* (Lam.) Beneth. and *Strophanthus hispidus* DC. Advances in Pharmacological Sciences (Hindawi), Volume 2013 (2013), Article ID 692613, 10 pages).
52. Agyare C., Koffuor G.A., **Boakye Y.D.**, Mensah K.B. (January, 2013). Antimicrobial and anti-inflammatory properties of *Funtumia elastica*. Pharmaceutical Biology, 51(4):418-25.
53. ***Abstracts and Conferences Proceedings***
54. **Boakye Y.D.,** Heiss, E., and Agyare, C. (October, 2017). Bioactivity screening for xylopic acid, geraniin and gut metabolites, ellagic acid and urolithin A, in cell based assays. Planta Medica International Open, 4(S 01), pp. WE-SL
55. AgyareC., **Boakye Y.D.,** Obeng-MensahD., Akplah L.A. (October, 2017). Antimicrobial and antioxidant activity of *Psydrax subcordata* and *Acioa dinklaglei*. Planta Medica International Open, 4(S 01): S1-S200.
56. AgyareC., **Boakye Y.D.,** Obeng-MensahD., Dodoo N.A.D, Akplah L.A (October, 2017). Antimicrobial and antioxidant activity of *Duboscia viridiflora* and *Brachyachne obtusiflora*. Planta Medica International Open, 4(S 01): S1-S200.
57. Appiah, T., Agyare, C., and **Boakye, Y.D.**  (August, 2015). Antibacterial activity of different solvent extracts of four wood decaying fungi (mushrooms). Sixth (6th) Annual Scientific Conference, College of Health Sciences, Kwame Nkrumah University of Science and Technology (KNUST). 27-28th August, 2015, Business School Auditorium, KNUST, Ghana; Abstract number: S2B4, page 58.
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63. **Boakye, Y.D.**, Agyare, C. (September, 2013). Antimicrobial and antioxidant activities of geraniin and aqueous leaf extract of *Phyllanthus muellerianus* (kuntze) Exell. Planta medica, 79(13) - PE5.
64. Boakye, Y.B., **Agyare, C.** (September, 2013). Antimicrobial and antioxidant activities of geraniin and aqueous leaf extract of *Phyllanthus muellerianus* (Kuntze) Exell. NMIMR-SATREPS (JICA/JST) Medicinal Plants One-day Workshop 2013, Establishment of Effective Research Network for Infectious Diseases and Medicinal Plants in Ghana, as part of the 65th Anniversary of the University of Ghana, NMIMR Conference Hall, NoguchiMemorial Institute for Medical Research (NMIMR), University of Ghana, Legon, Accra, Ghana, 19th September, 2013. Abstract number. 16.
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66. **Boakye Y.D**., Agyare C., (August, 2013). Anti-inflammatory activity of geraniin and aqueous leaf extract of *Phyllanthus muellerianus* (kuntze) Exell. Planta medica, 79(13) - PB10
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***III. Book Chapter contributions***

1. **Boakye, Y. D.,** Obeng-Mensah, D., Agyei, K. E., Agyen, R., Agyare, C. (November, 2021). Role of Medicinal Plants in the Treatment of Hemorrhoids In Herbs, Spices and Medicinal Plants for Human Gastrointestinal Disorders: Health Benefits and Safety. Apple Academic Press, ISBN hard: 978-1-77463-714-2
2. **Boakye, Y. D.,** Obeng-Mensah, D., Agyei, K. E., Agyen, R., Adjei, D. K., Agyare, C (November 2021). Health Benefits of Garlic (*Allium sativum*) in Gastrointestinal Disorders In Herbs, Spices and Medicinal Plants for Human Gastrointestinal Disorders: Health Benefits and Safety. Apple Academic Press, ISBN hard: 978-1-77463-714-2
3. **Boakye, Y. D.,** Agyen, R., Agyei, K. E., Obeng-Mensah, D., Adjei, D. K., Agyare, C (November 2021). Role of Onion (*Allium cepa*) in Gastrointestinal Disorders In Herbs, Spices and Medicinal Plants for Human Gastrointestinal Disorders: Health Benefits and Safety. Apple Academic Press, ISBN hard: 978-1-77463-714-2
4. Sarwar, S., Hanif, M. A., Ayub, M. A., **Boakye, Y. D.,** Agyare, C. (January, 2020). Fenugreek. In *Medicinal Plants of South Asia* (pp. 257-271). Elsevier.
5. Danquah, C. A., Osei-Djarbeng, S., Appiah, T., **Boakye, Y. D.,** & Adu, F. (October, 2019). Combating Biofilm and Quorum Sensing: A New Strategy to Fight Infections. In *Bacterial Biofilms*. IntechOpen, DOI: 10.5772/ intechopen. 89227.
6. **Boakye, Y. D.,** Osafo, N., Danquah, C. A., Adu, F., & Agyare, C. (February, 2019). Antimicrobial Agents: Antibacterial Agents, Anti-biofilm Agents, Antibacterial Natural Compounds, and Antibacterial Chemicals. In *Antimicrobials, Antibiotic Resistance, Antibiofilm Strategies and Activity Methods*. IntechOpen, DOI: 10.5772/intechopen.82560.
7. Mintah, S.O., Asafo-Agyei, T., Archer, M.A., Junior, P.A., Boamah, D., Kumadoh, D., Appiah, A., Ocloo, A., **Boakye, Y.D.,** Agyare, C. (June, 2019). Medicinal Plants for Treatment of Prevalent Diseases: In Pharmacognosy-Medicinal Plants. IntechOpen, DOI: 10.5772/intechopen.82049.
8. Agyare, C., Osafo, N., **Boakye, Y. D.** (January, 2019). Biomarkers of Wound Healing. In *Wound Healing*. Edited by Prof. Kamil Hakan Dogan. IntechOpen. DOI: 10.5772/intechopen.80222
9. Osafo N., **Boakye Y.D.,** Agyare C., Obeng S., Foli J.E., Minkah P.A.B. (July, 2017). African plants with antiproliferative properties. In book: Natural products and cancer drug discovery, Dr. Farid Badria (Ed.), InTech, DOI: 10.5772/intechopen.68568.
10. Agyare C., Appiah T, **Boakye Y.D.,** Apenteng J.A. (December, 2017). *Petroselinum crispum*, A Review. In book: Medicinal spices and vegetables in Africa. Chapter 25, pp 527-547. DOI: 10.1016/B978-0-12-809286-6.00025-X.
11. Agyare, C., **Boakye, Y.D.**, Bekoe, O.E., Dapaah, O.S., Appiah, T., Bekoe, O.S. (October, 2016). Medicinal plants and natural products with demonstrated wound healing activity. In: Alexandrescu V. (Ed.) (2016). Wound healing. ISBN: 978-953-51-4810-4.
12. Agyare, C., Obiri, D.D., **Boakye, Y.D.**, Osafo N. (December, 2013). Anti-inflammatory and analgesic activities of African medicinal plants In: Kuete, V. (Ed.) (2013). Medicinal plant research in Africa. Newnes. 916 pp. ISBN: 9780-1240-5936.
13. ***Peer-Reviewed Journals in which my Papers are Published***
14. Journal of Ethnopharmacology
15. South African Journal Botany
16. Journal of Chemistry
17. Journal of Pharmacognosy and Phytochemistry
18. Journal of Medicinal Plants
19. Journal of Pharmacognosy and Phytochemistry
20. African Journal of Pharmacy and Pharmacology
21. Frontiers in pharmacology
22. Investigational Medicinal Chemistry and Pharmacology
23. Current Bioactive Compounds
24. Journal of Parasitology Research
25. Evidence-Based Complementary and Alternative Medicine
26. Biochimica et Biophysica Acta (BBA)- General Subjects
27. Journal of Microbiology and Antimicrobials
28. EC Pharmacology and Toxicology
29. Oxidants and Antioxidants in Medical Science
30. British Journal of Pharmaceutical Research
31. Journal of Medicinal Plant Research
32. Biochemical Pharmacology
33. Medicinal Chemistry
34. Pharmacologia
35. Planta Medica
36. Donnish Journal of Medicinal Plant Research
37. British Pharmacology Research Journal
38. Advances in Pharmacological Sciences
39. Pharmaceutical Biology
40. **Conferences/Workshops/Training Programmes Attended**
41. Workshop on Research Proposal, Leadership and Mentorship, Organised by Office of Grants and Research in Collaboration with Building Stronger Universities Project Phase Three (BSUIII), Kwame Nkrumah University of Science and Technology, Kumasi, Ghana, 23rd to 25th April, 2019.
42. 8th College of Health Science and 12th Convention of Biomedical Research Ghana (CoBReG) Joint Scientific Conference under the theme: Universal Access to Health Care: The Role of The Health Scientist; from 30th July to 1st August, 2019 organised by CHS and CoBReG Joint Committee.
43. 8th KNUST Summer School Workshop for Senior Members of Kwame Nkrumah University of Science and Technology on the theme: Improving Quality of Higher Education Through Effective Measurement and Evaluation; from 20th to 24th August, 2018 organized by the Quality Assurance and Planning Unit, Kwame Nkrumah University of Science and Technology, Kumasi, Ghana
44. Training Workshop on Electronic Learning and Virtual Classroom, Organised by the Career Development Centre of the College of Health Sciences, Kwame Nkrumah University of Science and Technology, Kumasi, Ghana, 19th – 20th March, 2018.
45. 7th KNUST Summer School Workshop for Senior Members of Kwame Nkrumah University of Science and Technology on the theme: Technology, Manpower Training and Development; from 21st to 25th August, 2017 organized by the Quality Assurance and Planning Unit, Kwame Nkrumah University of Science and Technology, Kumasi, Ghana
46. 63rd International Congress and Annual Meeting of the Society for Medicinal Plant and Natural Product Research (GA), 23rd to 27th August, 2015, Budapest, Hungary.
47. 62nd International Congress and Annual Meeting of the Society for Medicinal Plant and Natural Product Research (GA), 30th August to 4th September, 2014, Guimarães, Portugal.
48. Faculty Retreat with theme: “Achieving our Vision through Commitment” at Pempamsie Hotel, Cape Coast, Ghana, organized by Faculty of Pharmacy and Pharmaceutical Sciences, Kwame Nkrumah University of Science and Technology, Kumasi, Ghana, 18th -20th June, 2014
49. 61st International Congress and Annual Meeting of the Society for Medicinal Plant and Natural Product Research (GA), 1st – 5th September, 2013, Muenster, Germany.
50. Process of Graduate Supervision, organized by Faculty of Pharmacy and Pharmaceutical Sciences, Kwame Nkrumah University of Science and Technology, Kumasi, 17th January, 2013.
51. Annual General Meetings and Conferences of the Pharmaceutical Society of Ghana, 2010 to date

**OTHER SKILLS**

* Conversant with Microsoft Word, Excel and PowerPoint
* Excellent communication skills
* Good organizational and teamwork skills
* Ability to work with less supervision

**HOBBIES**

* Reading
* Playing monopoly and solving puzzles
* Cycling

**REFEREES**

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