
SILAS ADJEI

CONTACT INFORMATION

Department of Herbal Medicine, Faculty of Pharmacy & Pharmaceutical Sciences
Kwame Nkrumah University of Science and Technology, Ghana

Email: silasadjei@knust.edu.gh/slsadjei@gmail.com **Mobile:** +233-501382371

EDUCATION/QUALIFICATION

Kwame Nkrumah University of Science and Technology, *2019-date*

MPhil (Pharmacognosy), Kwame Nkrumah University of Science and Technology, *2017-2019*

Bachelor of Science in Herbal Medicine, Kwame Nkrumah University of Science and Technology, *2012-2016*

Wassce (General Science), Prempeh College, Kumasi, *2008-2012*

ACADEMIC APPOINTMENTS

2020 August-Date

Assistant Lecturer

Department of Herbal Medicine
Faculty of Pharmacy and Pharmaceutical
Sciences
Kwame Nkrumah University of Science and
Technology, Kumasi Ghana

2019—2020

Part-time Assistant Lecturer

Department of Herbal Medicine
Faculty of Pharmacy and Pharmaceutical
Sciences
**Kwame Nkrumah University of Science and
Technology, Kumasi, Ghana**

2017-2019

Graduate Assistant

Department of Pharmacognosy
Faculty of Pharmacy and Pharmaceutical
Sciences
**Kwame Nkrumah University of Science and
Technology, Kumasi, Ghana**

2016-2017

Teaching Assistant

Department of Herbal Medicine
Faculty of Pharmacy and Pharmaceutical
Sciences

**Kwame Nkrumah University of Science and
Technology, Kumasi, Ghana**

RESEARCH INTEREST

- Isolation of medicinal plant constituents
 - Clinical studies of herbal medicinal products
 - Standardisation and quality control of herbal products
 - Quality control of herbal raw materials
 - Socio-cultural aspect of herbal medicine research
 - Plant products with antimicrobial actions, anti-inflammatory, antioxidant, anticancer and wound healing actions
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**AREAS OF
SPECIALTY**

- Quality control of herbal Products
 - Development of herbal monographs
 - Development of Herbal Pharmacopoeia's
 - Phytochemistry
 - Metabolite Profiling
 - Bioassays of Plant products
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SERVICE ACTIVITIES

<i>University Community</i>	
• 2021	Member , Bachelor of Herbal Medicine accreditation committee
• 2021	Member , Bachelor of Herbal Medicine curriculum review committee
• 2020	Member , Department of Herbal Medicine, Herbal production and products analysis committee
• 2020	Member , Department of Herbal Medicine, Medium-term planning committee
• 2020	Member , College of Health Sciences team of invigilators for the Nursing and Midwifery terminal examination in Asankragwa, Ghana
<i>International Community</i>	
REVIEWER	

<i>JOURNAL</i>	
2017	Journal of Applied Research on Medicinal and Aromatic Plants

RESEARCH LINKS

- Pharmacognosy research Laboratories and herbal analysis services, University of Greenwich, Chatham, Kent, United Kingdom.
- Department of Pharmacognosy and Herbal Medicine, University of Ghana, Legon
- Herbal Medicine Unit, Kumasi South Hospital, Ghana
- Institute of Traditional and Alternative Medicine, UHAS, Ho

MEMBERSHIP OF PROFESSIONAL ORGANISATIONS

2020	Member , University Teachers Association of Ghana, UTAG
2018	Member , Society of Medicinal Plants and Natural Products research

REFEREED JOURNAL PUBLICATIONS

- ~~Ramos, G. F., Amponsah, I. K., Harley, B. K., Jibira, Y., Baah, M. K., Adjei, S., Armah, F. A., Mensah, A. Y. (2021). Triterpenoids mediate the antimicrobial, antioxidant, and anti-inflammatory activities of the stem bark of *Reissantia indica*. *J Appl Pharm Sci*, 11(05):039–048.~~
- Amponsah, K. I., Ampofo K. E., Oppong Bekoe, S., Harley, K. B., Armah, A. F., **Adjei, S.**, and Baah, K.M. (2020). Standardisation of *Holarrhena floribunda* (G. Don) Durand & Schinz: pharmacognostic evaluation and HPLC profiling of some of its steroidal alkaloids as chemical markers. *International Journal of Research in Pharmaceutical Sciences*, 11(SPL4), 2710-2725. <https://doi.org/10.26452/ijrps.v11iSPL4.4545>
- M.K. Baah, A.Y. Mensah, E. Asante-Kwatia, I.K. Amponsah, A.D. Forkuo, B.K. Harley and **S. Adjei** (2020). In Vivo Antiplasmodial Activity of Different Solvent Extracts of *Myrianthus libericus* Stem Bark and Its Constituents in *Plasmodium berghei*-Infected Mice. *Evidence-Based Complementary and Alternative Medicine*
- **S. Adjei**, P. Entsua-Mensah, I.K. Amponsah, M.K. Baah, N.A.A. Kwakye and N.Y.K. AddaeKyereme (2020). Pharmacognostic and physicochemical studies of the leaves of *Hoslundia opposita* Vahl (Lamiaceae). *Journal of Pharmacognosy and Phytochemistry* 2020; 9(5): 2996-3001

SUBMITTED JOURNAL MANUSCRIPTS

1. **Silas Adjei**, Isaac Kingsley Amponsah, Samuel Oppong Bekoe, Benjamin Kingsley Harley, Kwesi Boadu Mensah, Abraham Yeboah Mensah, Michael Kwesi Baah, Gabriel Fosu-Mensah. Fruits of *Vitex doniana* Sweet: Toxicity profile, anti-inflammatory and antioxidant activities, and quantification of one of its bioactive constituents oleanolic acid

REFEREED RESEARCH PRESENTATIONS: ABSTRACTS

1. **Adjei, S.**, Amponsah, I.K., Harley, B.K., Mensah, A. Y. (2019). Anti-inflammatory and antioxidant activities of the Methanol fruit extract of *Vitex doniana*. Oral presentation at Pharmacy graduate student's week celebration under the theme: 'Research and development-the role of the pharmaceutical scientists'
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**WORKSHOPS/CONFERENCES/TRAINING PROGRAMMES
ATTENDED**

- College of Health Sciences E-Resources for PhD students. 3rd -4th June, 2021
 - 2nd Annual CNPD Conference 2021. Natural Products in Covid-19. Centre for Drug Discovery, School of Pharmacy and Biomolecular Sciences, Liverpool John Moores University, Liverpool-UK. 13-14 May- 2021
 - Training workshop for Herbal Practitioners from the Ahafo, Bono and Bono East Regions on the theme ‘Promoting primary healthcare through continuous education of herbal practitioners in Ghana’ organized by the department of Herbal Medicine from the 2nd to 6th of July, 2019.
 - Pharmaceutical pre-formulation and report/Article Writing’’ held by Faculty of Pharmacy and Pharmaceutical sciences, KNUST, Kumasi-Ghana, 2019
 - Preparation of Abstract for Conferences’’ held by Faculty of Pharmacy and Pharmaceutical sciences, KNUST, Kumasi-Ghana, 2019
 - Workshop for Laboratory Technicians of the Faculty of Pharmacy and Pharmaceutical Sciences (FPPS) at FPPS, Kumasi, Ghana on the 24th of February, 2018.
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STUDENT TRAINING/MENTORING

UNDERGRADUATE HONORS THESIS

STUDENT

I have mentored 4 undergraduate students

SELECTED TEACHING EXPERIENCE

KWAME NKURUMAH UNIVERSITY OF SCIENCE AND TECHNOLOGY

Faculty of Pharmacy & Pharmaceutical sciences

Undergraduate

Pharm 172: Introductory Pharmacognosy	2020-present
Pharm 272: Phytochemistry	2020-present
Pharm 372: Natural Drug Production and Evaluation	2020-present
Pharm 471: Phytopharmaceuticals and poisons	2020-present
BHM 358: Research Methods	2020-present
Pharm 171: Plant Morphology	2020-present
Pharm 271: Phytochemistry	2020-present
BHM 354: Complementary medicine	2020-present
BHM 151: Introductory to Herbal medicine	2020-present
BHM 371: Poisons of Natural origin	2020-present
BHM 375: Crude Drug Evaluation	2020-present
BHM 251: Nutrition, Health and Health Foods	2020-present

TECHNICAL SKILL

- Statistical and related software: Graph Pad Prism
 - Microsoft word, excel, publisher
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Referee

Available on request

