

CURRICULUM VITAE

Department of Pharmaceutical Chemistry
Faculty of Pharmacy & Pharmaceutical Sciences
College of Health Sciences, KNUST, Kumasi.
Phone +233-(0)3220-60367
Mobile+233-(0)24-0608604
E-mail :aabrobbey@knust.edu.gh; abenakak@yahoo.com

ABENA AMPONSAA BROBBEY (PhD)

PERSONAL DETAILS

DATE OF BIRTH: 04th April, 1973
PLACE OF BIRTH: Boamang, Afigya Kwabre North, Ashanti
NATIONALITY: Ghanaian
SEX: Female
MARITAL STATUS: Married to Mr Michael Brobbey with 3 children

EDUCATION

Institution	Year(s) of attendance	Degree/Certificate earned with dates
Graduate School of Biomedical Sciences, Nagasaki University, Nagasaki City, Japan	2005-2008	PhD in Pharmaceutical Sciences; September, 2008.
Graduate School of Biomedical Sciences, Nagasaki University, Nagasaki City, Japan	2003-2005	MSc. in Pharmaceutical Sciences; September, 2005.
Kwame Nkrumah University of Science and Technology, Kumasi, Ghana.	1994-1999	Bachelor of Pharmacy (Second Class Hons), July, 2000.
T. I. Ahmadiyya Secondary School, Kumasi	1990-1992	General Certificate of Education, Advanced Level, 1992.
T. I. Ahmadiyya Secondary School, Kumasi	1985-1990	General Certificate of Education, Ordinary Level, 1990.

Employment Records & Position Held/Hold (with dates):

Hospital pharmacist (KATH). 2001-2013	Head of Unit, Specialist pharmacist in manufacturing of pharmaceutical (2008-2013)
Part-time lecturer (KNUST)	2010-2013
Full-time lecturer (KNUST)	2013- 2020
Senior Lecturer	2020 to Date

Publications

- i. Jacob N Mensah, **Abena A Brobbey**, John N Addotey, Isaac Ayensu, Samuel Asare-Nkansah, Kwabena F M Opuni, Lawrence A Adutwum (2021). Ultraviolet-Visible Spectroscopy and Chemometric Strategy Enable the Classification and Detection of Expired Antimalarial Herbal Medicinal Product in Ghana. *Int J Anal Chem.*, (24): 2021:5592217
- ii. **Abena Amponsaa Brobbey**, Yakubu Jibira, Baba Fuseini Richard Nii-Lampsey, Joseph K Adu., (2020) Antioxidant and Hepatoprotective properties of Helianthus annuusseed extract against paracetamol-induced liver toxicity. *The Journal of Phytopharmacology*, 9(5): 361-366
- iii. Alberta Ade, Cedric D. K. Amengor, Abena Brobbey, Isaac Ayensu, Benjamin K. Harley and Yaw Duah Boakye.,(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
- iv. Isaac Ayensu., Samuel Oppong Bekoe., Joseph Kwasi Adu., **Abena Amponsaa Brobbey.**, Enoch Appiah., (2020). Evaluation of acid neutralizing and buffering capacities of selected antacids in Ghana. *Scientific African*, 8, July 2020, e0034
- v. Donald Danson, Obed Ehonah, Isaac Ayensu, Abena Amponsaa Brobbey, Joseph Kwasi Adu, Samuel Oppong Bekoe., (2019). Determination of Tryptophan Content in Hausa Koko (Spicy Millet Porridge): A Ghanaian Beverage. *International Journal of Phytopharmacy* (4): e5287
- vi. **Abena Amponsaa Brobbey**, Anna Kwarley Quartey, Samuel Otuo-Serebour, Isaac Ayensu., (2016). **Determination of the phytochemical constituents, antimicrobial and antitussive activities of the leaves of *Solanum torvum Swartz.*** *World Journal of Pharmacy and Pharmaceutical Sciences.* 5 (01): 1363-1375.
- vii. **Abena Amponsaa Brobbey**, Sandra Somuah-Asante, Samuel Asare-Nkansah, Francis Osei Boateng and Isaac Ayensu., (2017). Preliminary Phytochemical Screening and

Scientific Validation of the Anti-Diabetic Effect of the Dried Husk of *Zea mays* L. (Corn, Poaceae), *International Journal of Phytopharmacy*. 7 (1):01-05.

- viii. Isaac Ayensu, Erwin Doe, **Abena Amponsaa Brobbey**, Reimmel Adosraku., (2016). **Assessment of bioequivalence profile of locally produced flucloxacillin sodium capsules via urinary excretory rates.** *Journal of Innovation Science and Research*, 5(4):125-129.
- ix. Naoya Kishikawa Naoko Kondo **Abena Amponsaa-Karikari** Hitoshi Kodamatani Kaname Ohyama Kenichiro Nakashima Shigeo Yamazaki Naotaka Kuroda (2014). Rapid determination of isoamyl nitrite in pharmaceutical preparations by flow injection analysis with on-line UV irradiation and luminol chemiluminescence detection. *Luminescence* 29(1):8-12.
- x. Sampson Opoku, Isaac Ayensu, **Abena Amponsaa Brobbey**, Kofi Aryee Adjavon (2018) Metronidazole Analysis: Method Development and Validation via Hydrotropic Solubilization. *International Journal of Pharmacy and Pharmaceutical Science Research*, 12(4): 1-13.
- xi. Joseph Kwasi Adu, Kwaku Twum, **Abena Brobbey**, Cedric Amengor, Yaw Duah (2018) Resistance modulation studies of vernolide from *Vernonia colorata* (Drake) on ciprofloxacin, amoxicillin, tetracycline and erythromycin. *The Journal of Phytopharmacology*, 7(5): 425-430
- xii. **Abena Amponsaa-Karikari**, Naoya Kishikawa, Kaname Ohyama, Kenichiro Nakashima, Naotaka Kuroda, (2009). Determination of halofantrine and its main metabolite desbutylhalofantrine in rat plasma by high-performance liquid chromatography with on-line UV irradiation and peroxyoxalate chemiluminescence detection. *Biomed Chromatogr.* 23(1):101-6. doi: 10.1002/bmc.1094.
- xiii. Hitoshi Kodamatani, Shigeo Yamazaki, Keiitsu Saito, **Abena Amponsaa-Karikari**, Naoya Kishikawa, Naotaka Kuroda, Takashi Tomiyasu, Yu Komatsu (2009). Highly sensitive method for determination of N-nitrosamines using high-performance liquid chromatography with online UV irradiation and luminol chemiluminescence detection. *Journal of Chromatography A*, 1216: 92 – 98.
- xiv. **Abena Amponsaa-Karikari**, Naoya Kishikawa, Yoshihito Ohba, Kenichiro Nakashima, Naotaka Kuroda (2006). Determination of artemisinin in human serum by high-performance liquid chromatography with on-line UV irradiation and peroxyoxalate chemiluminescence detection. *Biomed Chromatogr.* 20(11):1157-62.
- xv. N Kuroda, **A Amponsaa-Karikari**, N Kishikawa, Y Ohba, K Nakashima (2005). Determination of artemisinin by HPLC with on-line photoreactor and peroxyoxalate chemiluminescence detection *Conference Paper* · March 2005, DOI: 10.1142/9789812702203_0057 Conference: Bioluminescence and Chemiluminescence