

CURRICULUM VITAE

I	(a) <u>Name</u> (Underline Surname)	Segun Abidemi <u>Aderibigbe</u>
	(b) <u>Date of Birth</u>	22 June 1974
	(c) <u>Department</u>	Pharmaceutical Chemistry
	(d) <u>Faculty</u>	Pharmacy
	(e) <u>College</u>	Not Applicable
	(d) E-mail address	segunab@yahoo.com
II	(a) <u>First Academic Appointment</u>	Lecturer II (1 April, 2008)
	(b) <u>Present post (with date)</u>	Lecturer I (1 June, 2016)
	(c) <u>Date of last Promotion</u>	1 October 2012
	(d) <u>Date last considered</u> (in cases where promotion was not through)	Not Applicable
III	<u>University Education (with dates)</u>	
	Obafemi Awolowo University, Ile Ife	1992-1999
	University of Ibadan, Ibadan	2001-2004
IV	<u>Academic Qualification (with dates and granting bodies)</u>	
	(a) Bachelor of Pharmacy	1999
	(b) Master of Science (MSc.) Pharmaceutical Chemistry	2004
V	<u>Professional Qualifications and Diplomas (with date)</u>	
	Registered Pharmacist with Pharmacists Council of Nigeria	2000

VI Scholarships, Fellowship and Prizes (with date)

1. Tetfund Overseas Training grant – University of Bradford, UK 2016
2. Best MSc. Student (Pharmaceutical Chemistry) 2004
University of Ibadan, Ibadan.
2. Best student in Science (1991 set) 1991
L. A. Commercial Grammar School, Iwo.

VII Membership of Learned Societies

1. Associate Member, Royal Society of Chemistry, UK
2. Member, Nigerian Association of Pharmacist in Academia (NAPA)
3. Member, Pharmaceutical Society of Nigeria

VIII Details of Teaching Experiences at University Level

Undergraduate work:

PCH 201: Inorganic Pharmaceutical Chemistry

PCH 203: Organic Pharmaceutical Chemistry I

PCH 301: Physical Pharmaceutical Chemistry II

PCH 401: Pharmaceutical Analysis I

PCH 402: Medicinal Chemistry II

GES 107: Reproductive Health, STIs and HIV

Undergraduate project supervision:

Completed final year students' projects – 4

Uncompleted final year students' projects – 2

IX Research

My research focus is on natural product chemistry/drug discovery involving phytochemical screening, anthelmintic screening and chromatographic separation of bioactive molecules in medicinal plants. I am also involved in developing alternative assay methods for quantitative analysis of drug molecules.

(a) Completed

1. Literature review of *Brillantasia* species.
2. Isolation and characterization of an anthelmintic proanthocyanidin from *Khaya senegalensis* (Meliaceae).
3. Antioxidant capacity profiling of ascorbic acid using proton transfer kinetics data.
4. Sensitive spectrophotometric determination of aceclofenac following azo dye formation with 4-carboxyl-2, 6-dinitrobenzenediazonium ion.
5. Colorimetric determination of nifedipine using 4-carboxyl-2, 6-dinitrobenzene diazonium ion.
6. Antimicrobial and pharmaceutical properties of *Leucaena leucocephala* seed oil.
7. Antimicrobial activities of *Garcinia kola* seed oil against some clinical microbial isolates.
8. Comparative studies on the crude and refined oil of *Garcinia kola* Heckel (Guttiferae) seed.
9. Chromatographic fractionation and bioactivity study of *Vernonia amygdalina* leaf extracts using *Haemonchus placei* adult worm motility anthelmintic assay.
10. Antimicrobial evaluation of *Nauclea diderrichii* (de wild & merrill) leaf extracts and fractions against urinary tract infection pathogens.

(b) In progress

1. Bioassay-guided isolation and characterization of anthelmintic compounds from some medicinal plants as supportability tool for organic livestock farming.
2. Isolation of antimicrobial compounds from *Nauclea diderrichii* leaf chloroform extract.
3. Chromatographic fractionation and anthelmintic study of *Nauclea diderrichii* leaf extracts using *Haemonchus placei* adult worm motility anthelmintic assay.

(c) Dissertation and Thesis

Nil

X Publications

(a) Books already published

Nil

(b) Chapters in Books already published

Nil

(c) Articles that have already appeared in Refereed Conference Proceedings

Nil

(d) Patents

Nil

(e) Articles that have already appeared in learned Journals

1. **Aderibigbe, S.A.**, Odeniyi, M.A. and Adetunji, O.A. (2011): Antimicrobial and Pharmaceutical Properties of *Leucaena leucocephala* seed oil. African Journal of Biomedical Research Vol. 14. No.1 (January), 63 - 68 (Nigeria, Contribution - 60%).
2. **Aderibigbe, S.A.**, Adegoke, O.A., Idowu, S.O. and Olaleye, S.O. (2012): Sensitive Spectrophotometric Determination of Aceclofenac following Azo Dye formation with 4-Carboxyl-2, 6-Dinitrobenzene Diazonium Ion. Acta Poloniae Pharmaceutica- Drug Research Vol. 69. No. 2 (March/April), 203-211 (Poland, Contribution - 50%).
3. **Aderibigbe, S.A.**, Adegoke, O.A. and Idowu, S.O. (2012): A New Colorimetric Method for the Determination of Nifedipine Tablets by Derivatization using 4-Carboxyl-2,6-Dinitrobenzene Diazonium Ion. International Journal of Industrial Chemistry Vol. 3. No. 5. doi:10.1186/2228-5547-3-5 (United Kingdom, Contribution - 50%).

4. **Aderibigbe, S.A.** (2012): Antimicrobial Activities of *Garcinia kola* Seed Oil Against some Clinical Microbial Isolates. International Research Journal of Pharmaceuticals Vol. 2, No. 3 (May), 68-72 (United Kingdom, Contribution-100%).

(f) Books, Chapters in Books and Articles already accepted for Publication

Nil

(g) Technical Reports and Monographs

Nil

XI Major Conferences Attended with Papers Read (in the last 5 years)

1. Third Unibadan Conference of Biomedical Research on Biotechnology for Health and Sustainable Development. Organized by the Faculty of Basic Medical Sciences, College of Medicine, University of Ibadan, 24th-27th July, 2012.

(a) Paper Presented: A new anthelmintic assay using mathematical modelling of *Haemonchus placei* adult worm motility test data.

A.N. Ogedengbe, **S.A. Aderibigbe**, I.O. Ademola and S.O. Idowu

(b) Poster Presented: Optimizing solvating power-predicting variables of incubation medium in *Haemonchus placei* adult worm motility anthelmintic assay.

S.A. Aderibigbe, A.N Ogedengbe, I.O. Ademola and S.O. Idowu

.....1st November, 2016.....

S. A. Aderibigbe