

ORINAMHE GODWIN AGBADUA

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Citizenship: Nigeria

RESEARCH INTEREST

Clinical Biochemistry and Medicinal Chemistry

PERSONAL SUMMARY

I am a hardworking and dedicated young scientist used to working both individually as well as part of a team. My referees can attest to my strong work ethics, enthusiasm and sociable personality.

EDUCATION

University of Benin M.Sc Biochemistry (Distinction)	Benin City 2014
University of Benin B.Sc Biochemistry (First Class Honours)	Benin City 2009
University of Benin Demonstration Secondary School (UDSS) Senior School Leaving Certificate (SSCE)	Benin City 1999-2005

PROFESSIONAL EXPERIENCE

Lecturer II <i>University of Benin</i> Responsibilities: Teach and course advise undergraduate students of Biochemistry	Benin City 2012– to date
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Courses Taught	Course Code
Carbohydrate metabolism	BCH219
Functional Biochemistry I	BCH220
Functional Biochemistry II	BCH221
Metabolic Pathway II	BCH320
Separation Techniques and Quantitative Biochemistry	BCH325
Introduction to Protein Chemistry and Enzymes	BCH312
Elements of Biophysics	BCH324
Enzymology	BCH410
Biochemistry of organs and tissues	BCH412
Advanced Molecular Biology	BCH423
Biochemical Pharmacology	BCH424

Research projects: 1) **Studies on the Effect of *Hibiscus sabdariffa* calyx Aqueous Extract on plasma LDL-cholesterol and plasma HDL-cholesterol changes induced by stress in rabbits.**

2) **Phytochemical constituents and Proantidex of *Hibiscus sabdariffa* calyx aqueous, methanol and ethanol extracts.**

3) **Effect of regular consumption of charcoal-broiled beef on vitamin A, and Malondialdehyde levels and Antioxidant enzyme activities in rats.**

4) **Evaluation of toxicity of cadmium in the presence of other metallic environmental chemicals.**

Quality Control Analyst

Warri Refining and Petrochemical Company (WRPC), a subsidiary of NNPC

Delta State
2011– 2012

Responsibilities: Involved in physical & chemical analysis of refinery & petrochemicals process streams (SG, RVP, BSW, Flashpoint, Pour point, Cloud point, Viscosity, Sulphur-in-oil and Aniline point). Utilised Atomic Absorption Spectrometry to determine heavy metal content of refinery/petrochemical effluents. Utilised InfraRed spectroscopy for Oil & Grease analysis of environmental samples. Utilised Gas Chromatography to determine the purity of propane and butane gases

Laboratory Assistant

Central Hospital

Benin City
2009

Responsibilities: *Involved in routine assays for the diagnosis and treatment of diseases*

PRIZES, AWARDS AND TRAINING

- **Murli T. Challaram Foundation Scholarship Award For MSc Biochemistry** 2014
University of Benin
- **Departmental Scholar Award For Best Graduating Masters Student** 2014
Department of Biochemistry, University of Benin
- **Basic Certificate Course in Fire, Safety and Environmental Protection** 2011
An introduction to the principle of Health, Safety and Environment (HSE)

LIST OF PUBLICATIONS

- **Agbadua, O.G.** and Obi F. O. "Effect of Regular consumption of Charcoal-Broiled beef on serum and liver vitamin A and β -carotene levels in rats". *Nigerian Journal of Life Sciences*, **2015**, *5*(1): 1-8.
- **Agbadua, O.G.** and Obi F. O. "Effect of consumption of charcoal-broiled beef on body weight and antioxidant status in rats." *NISEB Journal*, **2016**; *16*(3)110-117.
- **Agbadua, O.G.** and Obi F. O. "Effect of Hibiscus sabdariffa calyx extract on stressed rabbit plasma cholesterol status". *Journal of Medicine and Biomedical Research*, **2015**; *14*(1)134-142.

- **Agbadua, O.G.**, Obi, F.O., Taiwo, S.A., Ehikhamhen, D.O. and Malio-Oliseh, G. (2017). Heavy metal interactions on cadmium-induced renal osteodystrophy and anaemia in rats. *Indian Journal of Experimental Biology*. Under review.
- Obadoni, I., Obi, F.O. and **Agbadua, O.G.** (2018). Time dependent evaluation of the influence of cadmium and iron on their respective hepatotoxic effects. *Journal of King Saud University*. Under review.

REFEREES

- **Professor F.O. Obi**
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- **Professor G.E. Eriyamremu**
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- **Professor E.S. Omoregie**
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