
ADENIYI, Taiwo Tetede

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Department: Biochemistry

Academic Rank: Lecturer II

Current position:

Research Interest:



DETAILED RESUME

ACADEMIC DEGREES WITH DATE

- B.Sc. Biochemistry - 1994
- M. Sc Biochemistry - 1998

INSTITUTIONS ATTENDED WITH DATE

- University of Lagos, Akoka, Lagos State - 1994
- University of Lagos, Akoka, Lagos State - 1998

MEMBERSHIP OF PROFESSIONAL BODIES

- Biotechnology Society of Nigeria
- American Chemical Society

PRIZES, HONOURS, NATIONAL AND INTERNATIONAL RECOGNITIONS.

COURSES TAUGHT

Post Held: Lecturer II (2005)

Course Code/Title	Units	Contact Hr/Wk	No of Students/ Session	No. of Lecturers In charge
BCH 201 - General Biochemistry I	03	03	340	05
BCH 202 - General Biochemistry II	03	03	350	05
BCH 304 - Enzymology	02	02	110	01
BCH 305 - Metabolism of Amino Acids and Proteins	02	02	115	01
BCH 308 - Food Biochemistry	02	02	55	01
BCH 309 - Biochemical Methodology	02	02	55	05
BCH 407 - Genetic Engineering	02	02	50	01
BCH 314 - Introductory to Biotechnology	02	02	50	01
BCH 201/202 - Practicals	-	03	-	01
BCH 402 - Seminar	02	02	50	05

BCH 411 - Industrial Attachment	02	02	50	05
BCH 499 - Research Projects	06	12	2-10	01

RESEARCH CONDUCTED

1. Food deprivation and levels of certain elements in organs of rats.
2. Comparative study of vitamin C and Garlic (*Allium sativum*) on lead induced biochemical changes in rats.
3. Effects of administration of oral contraceptives in rats on:
 - a. Plasma glucose, glucose tolerance and disaccharides levels.
 - b. Lipid peroxidation and antioxidant systems
 - c. Certain enzymes of clinical importance
 - d. Lipid profile
 - e. Electrolytes level in the plasma
4. Biochemical and haematological changes induced by the aqueous and ethanolic extracts of *Zygotritonia crocea* in rats

PUBLICATIONS

(a) Dissertation

- i. Effects of Food deprivation on Calcium and Phosphorus Concentration in tissues of rat (B. Sc Thesis 1994)
- ii. Production, Purification and Partial Characterization of Alpha Amylase from *Bacillus* Species (M. Sc. Thesis 1998).

(b) Articles in Learned Journals

1. UGBAJA, R. N. and **ADENIYI, T. T.** (2004). Effects of 2-week Vitamin C supplement in occupationally lead exposed artisans from a mechanic village in Abeokuta, Nigeria: *Assets Series B* 3 (1)
2. **ADENIYI, T. T.**, AJAYI, G. O. and AKINLOYE, O. A. (2008). Effects of Ascorbic acid and *Allium sativum* on tissue lead levels on tissue lead levels in rats. *Nig. J. Health and Biomed Sciences* Vol. 7, No. 2, 38-41
3. AJAYI, G. O., **ADENIYI, T. T.** AND BABAYEMI D, O. (2009). Hepatoprotective and some haematological effects of *Allium sativum* and vitamin C in lead-exposed wistar rats. *International J. Medicine and Medical Sciences Vol1.* (3) pp. 064-06
4. **ADENIYI T. T.**, AJAYI G. O., SADO M. A. and OLOPADE H. J. (2009) Ameliorative effects of Vitamin C and Garlic (*Allium sativum*) on Biochemical Alterations induced by one-week lead exposure in rats. *Assets* (submitted)