

Temidayo D. Adeniyi, Ph.D.

Department of Medical Laboratory Science,
Faculty of Allied Health Sciences,
University of Medical Sciences,
Medical Village, Laje Road,
Ondo City, Ondo State, 351104
Phone: (+234) 803 061 2404
dtemidayo@unimed.edu.ng

a. Institutions Attended and Qualification

University of Nigeria, Nsukka, Enugu State, Nigeria	2017
Ph.D. Medical Laboratory Science (Histopathology & Neuropathology)	
University of Ilorin, Ilorin, Kwara State, Nigeria	2012
M.Sc Human Anatomy	
Ambrose Alli University, Ekpoma, Edo State, Nigeria	2006
B.MLS (Histopathology)	

b. Grants and Awards

- Foundation of the National Institute of Health (FNIH), Travel Grant, 2019

c. Publications

1. Abubakar AA, **Adeniyi TD**, Nurain IO, Olanrewaju AB, Uthman KE. Chromatographic and computational studies of ligands associated with bilharziasis. *Journal of Taibah University Medical Sciences*, 2019; 14(2): 172-178.
2. **Temidayo D. Adeniyi**, Peter U. Achukwu, Abdulazeez A. Abubakar, Adedayo D. Adekomi. Heavy metals obtained from waterways induced neurodegeneration in the prefrontal cortex of Wistar rats. *European Journal of Anatomy*, 2019; 23(1): 65-76.
3. S. A. Benard, **T. D. Adeniyi**, J. K. Bankole and J. O. Okoye. Histomorphological Staining of Selected Organs by Iron-Roselle Nuclear Technique and Natural Counter Stains. *Journal of Advances in Medicine and Medical Research*, 2018; 28(5): 1-12.
4. **Adeniyi DT**, Achukwu PU. Lead contamination induces neurodegeneration in prefrontal cortex of Wistar rats. *Anatomy*, 2018; 12(3):128–134.
5. Adekomi Damilare Adedayo, Adewole Olarinde Stephen, Tijani Ahmad Adekilekun, **Adeniyi Temidayo Daniel**. Lead induces inflammation and neurodegenerative changes in the rat medial prefrontal cortex. *Anatomy*, 2017; 11(2):79–86.
6. **T.D. Adeniyi**, P.U. Achukwu, A.A. Abubakar. Frequency of electronics waste generated heavy metals in urban waterways. *International Journal of Human Capital in Urban Management*, Spring 2017; 2(2): 89-100.
7. Adekomi DA, Adewole OS, Tijani AA, **Adeniyi TD**, Olutunde OA, Olatunji SA, Adelodun ST. Immunohistochemical investigation of the activities of Neuron-

- Specific-Enolase and motor coordination in the cerebellar cortex of lead-nitrate treated rats. *The Journal of Anatomical Sciences*. 2016; 7(1): 66-71.
8. Tijani AA, **Adeniyi TD**, Oluogun WA. Acute low dose oral cyanide induced thyrotoxic state by oxidative stress in rats. *The Journal of Anatomical Sciences*. 2016; 7(1): 39-43.
 9. Popoola NA, Enaibe BU, Abubakar AA, Raheem SA, Adekomi DA, **Adeniyi TD**. Effect of cigarette smoke on the histology of the descending aorta of adult Wistar rats (*Rattus norvegicus*). *African Journal of Cellular Pathology*. 2015; 5: 46-48.
 10. **Adeniyi Temidayo Daniel**, Tijani Ahmad Adekilekun, Musa Abdus-Semiu Adewale, Abayomi Taiwo Adekemi. Cyanide-induced hyperthyroidism in male Wistar rats. *Nigeria Medical Journal*. 2014; 55(3): 246-249.
 11. **TD Adeniyi**, RA Bejide, OM Ogundele, OB Akinola. Histochemical Investigation of Cyanogenic Toxicity in the Thyroid Epithelial Cells and Follicles of Thyroid Gland in Adult Female Wistar Rats. *Journal of Advances in Medicine and Medical Research*, 2014; 4(8): 1750-1762.
 12. **Adeniyi TD**, Bejide RA, Musa AA, Adewole OS. Cyanide cytotoxicity and the follicular cells of thyroid gland in male Wistar rats. *Research Journal of Health Sciences*. 2013; 1(1): 45-55.
 13. Ola Abdulrrasheed Muhammed, Adedayo D. Adekomi, Adewale A. Ademosun, **Daniel T. Adeniyi**. Oral consumption of unripe pulp and seed of *Carica papaya*: implication on the cerebrum and cerebellum of rats. *Journal of Medicine and Medical sciences*. 2013; 4(5): 199-203.
 14. DA Adekomi, **TD Adeniyi**, AM Afodun, KK Quadri. The histopathological effects of *salvia officinalis* on the kidney and liver of rats. *Scientific Journal of Medical Science*. 2013; 2(3): 31-37.
 15. **TD Adeniyi**, DA Adekomi, AA Tijanin and AO Akinyinka. Histochemical evaluation of the activities of glucose-6-phosphate dehydrogenase (G-6-PDH) and lactate dehydrogenase (LDH) in the visual relay centers of rat (*Rattus norvegicus*), bat (*Eidolon helvum*) and pangolin (*Manis tricuspis*). *Journal of Cell and Animal Biology*. 2012; 6(13): 188-191.
 16. **Temidayo Adeniyi**, Ahmad Tijani, Damilare Adekomi & Taiwo Abayomi. A comparative study of the lateral geniculate body of rat (*Rattus Norvegicus*), bat (*Eidolon Helvum*) and pangolin (*Manis Tricuspis*). *Global Journal of Health Sciences*. 2012; 4(4): 107-114.
 17. **Adeniyi TD**, Enaibe BU, Adekomi DA and Mohammed OA. A comparative assessment of superior colliculus of rat (*Rattus norvegicus*), bat (*Eidolon helvum*) and pangolin (*Manis tricuspis*): A histochemical study. *European Journal of Experimental Biology*. 2012; 2(3): 315-320.
 18. Tijani AA, **Adeniyi TD** and Adekomi DA. *Datura metel* is deleterious to the visual cortex of adult Wistar rats. *Advances in Applied Science Research*. 2012; 3(2): 944-949.
 19. Adekomi, DA, Tijani AA, Musa AA and **Adeniyi TD**. Histological study of smoke extracts of *Tobacco nicotiana* on the heart, liver, lungs, kidney and testes of male Sprague Dawley rats. *Nigerian Medical Journal*. 2011; 52(4): 217-222.

20. Adekomi DA, Musa AA, Tijani AA, **Adeniyi TD** and Usman B. Exposure to smoke extract of *Datura stramonium* leaf: some of its effects on the heart, liver, lungs, kidneys and testes of male Sprague Dawley rats. *Journal of Pharmacognosy and Phytotherapy*. 2011; 3(5): 67-75.
21. Adekomi DA, Tijani AA, **Adeniyi TD** and Olajide JO. Some of the effects of Aqueous Leaf Extract of *Cnidioscolous aconitifolius* (*Euphorbiaceae*) on the Morphology and Histology of the kidney, and Liver of Sprague Dawley Rat. *The Tropical Journal of Health Sciences*. 2011; 18(1): 9-15.

d. Books

1. Histopathology manual and workbook for Medical Laboratory Students. First edition, ISBN: 978-978-53853-3-5. Compiled and Edited by Abubakar Abdulazeez, **Adeniyi Temidayo** and Musbau Balogun.

e. Courses Taught

- i. Introduction to Human Anatomy I & II
- ii. Introduction to Medical Laboratory Science
- iii. Histology and Histochemistry
- iv. Cell and Molecular Biology
- v. Medical Physics
- vi. Basic Immunology
- vii. General Pathology (Basic Histopathology)
- viii. Human Cytology
- ix. Histopathology Techniques and Museum
- x. Biomedical Engineering
- xi. Genetics and Molecular Biology
- xii. Human Cytogenetics
- xiii. Introduction to Pathology

f. Supervision History

INFORMATION ON FELLOWSHIP, MASTER'S PROJECTS AND Ph.D. THESIS SUPERVISED:

FELLOWSHIP

1.
 - a. Title of thesis: A Study on the Nuclear Staining of Hibiscus Sabdariffa Aqueous Extract (Zobo) Mordanted with Ferric Chloride on the Connective Tissues of Selected Organs
 - b. Name of Student: Mr. Solomon Adebayo Bernard
 - c. Date / Year of Commencement: 2017
 - d. Completed / On-going (Anticipated date of Completion): Completed
 - e. Sole / Collaborative Supervision: Sole Supervision
- 2.

- a. Title of thesis: Immunohistochemical Evaluation of Ethanolic Extract of Ginger (*Zingiber officinale*) on the Male Wistar Rats Testis
- b. Name of Student: Mr. Adekunle Fowotade
- c. Date / Year of Commencement: 2017
- d. Completed / On-going (Anticipated date of Completion): On-going (2019)
- e. Sole / Collaborative Supervision: Sole Supervision

g. SEMINARS, WORKSHOPS AND MAJOR CONFERENCES ATTENDED

1. First Foundation for the National Institute of Health (FNIH) Course on Gene Editing Technologies and Their Applications in the Life Sciences and Medicine in Africa held at International Centre of Insect Physiology and Ecology (ICIPE), Kasarani, Nairobi, Kenya from 20th – 22nd June 2019.
2. IBRO-ARC/ISN Basic Neuroscience School on Neuroinflammation and Chronic pain held at College of Medicine, University of Lagos from 20th – 24th March 2019.
3. 43rd annual scientific conference and workshop of the Association of Medical Laboratory Scientists of Nigeria (AMLSN). Ilorin, Kwara State from 20th -25th August 2007.
4. Workshop on Animal Care and Use in Research, Education and Testing organized by International Animal Care and Use Committee (IACUC) at The University of Ilorin, Ilorin, Nigeria on 6th July 2011.
5. 9th annual conference of the Anatomical Society of Nigeria (ASN). Ile-Ife, Osun State from 19th – 29th Sept. 2011.
6. 48th annual scientific conference and workshop of the Association of Medical Laboratory Scientists of Nigeria (AMLSN), Edo State from 10th-15th Sept. 2012.
7. 12th Scientific Conference of the Society for Experimental and Clinical Anatomists of Nigeria at University of Ilorin from 10th-13th April 2013.
8. 49th annual scientific conference and workshop of the Association of Medical Laboratory Scientists of Nigeria (AMLSN), Katsina State from 2nd – 6th September 2013.
9. 50th annual scientific conference and workshop of the Association of Medical Laboratory Scientists of Nigeria (AMLSN), Akure, Ondo State from 4th – 8th November 2014.
10. 2015 research capacity building workshop organized by Faculty of Health Sciences and Technology, University of Nigeria, Nsukka, in collaboration with Health policy Research Group from 24th – 25th March 2015.
11. A training workshop on the Nigerian Universities Electronic Teaching and Learning platform sponsored by Tertiary Education Trust Fund (tETFund) and National Universities Commission (NUC) organized by Spectrum Engineering Limited from 25th – 27th July 2016.