**Curriculum Vitae**

**IJOMONE, Olayemi Kafilat**

(*BSc, MSc, PhD in view*)

PhD student.

Centre for Optics and Imaging,

School of Laboratory Medicine and Medical Sciences,

College of Health Sciences,

University of KwaZulu-Natal,

South Africa

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**Personal Details**

*Formerly known as***: Olaibi Olayemi Kafilat**

*Date of Birth*: 27th February, 1986; *Sex/Marital Status*: Female / Married; *Place of Birth*: Nigeria

**Higher Institutions Attended and Academic Qualifications Obtained with Dates**

Obafemi Awolowo University (OAU), Ile-Ife, Osun State, Nigeria

**MSc Anatomy, July 2014**.

Ladoke Akintola University of Technology (LAUTECH), Ogbomoso, Oyo State, Nigeria.

**B.Tech, (Hons) Human Anatomy, December, 2009.**

**Other Professional Qualification(s)**

Nigerian Institute of Management (*Chartered*), Nigeria

Proficiency Certificate in Management, March, 2011

**Research skills**

Rodent (mice and rats), behavioural analysis, histology, immunohistochemistry, rodent brain dissection, microscopy (brightfield, fluorescenc), digital image analysis (with Image J), biostatistics.

**Research Interest and Activities:**

My research interests are broadly in the field of neuroscience with particular emphasis on neuroinflammation and neurodegeneration. The overall aim is to contribute to novel mechanisms involved in neurodegeneration particularly via neuroinflammatory responses at various stages of nervous system development as well as in adulthood.

***Article submitted for publication:***

Oligodendrocytes death induced sensorimotor and cognitive deficit in Nꭃ-nitro-L-arginine methyl Rat model of pre-eclampsia**.**

Neurotoxicity in Preeclampsia Involves Oxidative Injury, Exacerbated Cholinergic Activity and Impaired Proteolytic and Purinergic Activities in Cortex and Cerebellum.

**Academic Positions**

***Assistant Lecturer*** (Oct 2015-till date).

Department of Anatomy,

University of Medical Sciences, Ondo, Nigeria. (On study leave till December 2019).

*Duties*

* Teach anatomy courses to medical students and undergraduate basic medical science students

**Work Experience**

Department of Clinical Anatomy,

University of KwaZulu-Natal, Durban, South Africa

Gross Anatomy Demonstrator (Feb 2017 – June 2017)

* Guide Physiotherapy students in dissections of cadavers.
* Assist in invigilate test

Department of Anatomy and Cell Biology,

Obafemi Awolowo University, Ile-Ife, Osun State

Gross Anatomy Demonstrator (Aug 2011 - Feb 2014)

* Guide pre-clinical medical students in dissections of cadavers.
* Assist in invigilate examinations.

Department of Anatomy and Cell Biology,

Obafemi Awolowo University, Ile-Ife.

Youth Corps Laboratory and Research Assistant (July, 2010- June 2011)

* Assist in setting up lab for practical sessions.
* Assist in execution of researches carried out by staff.

Department of Histopathology,

University College Hospital, Ibadan.

Industrial Training Attaché (June-Dec., 2008)

* Assist in preparing histological slides for microscopic examinations

**Grants/Fellowships**

2018 National Research Fund (NRF) travel grant

***Value***: Paid airfare, accommodation and subsistence to participate in Neuroscience Society of Nigeria Conference and Annual meeting, Nigeria August 1-8, 2018.

2016 National Research Funding in collaboration with the World Academy of Science (NRF

TWAS) Doctoral fellowship 2016-2018

**Publications**

1. **Ijomone OK**, Shallie PD, Naicker T. Nꭃ-nitro-L-arginine methyl model of pre-eclampsia elicits differential Iba1 and EAAT1 expressions in brain. *Journal of Chemical Neuroanatomy* 100 (2019) 101660. PubMed PMIID
2. Ijomone OM, Okori SO, **Ijomone OK**, Ebokaiwe AP. Sub-acute nickel exposure impairs behavior, alters neuronal microarchitecture, and induces oxidative stress in rats’ brain. Drug & Chemical Toxicology, 2018; 41:377-384. PubMed PMID: 29482365. *Journal Impact Factor: 1.531*
3. **Ijomone OK**, Shallie P, Naicker T. Change in the structure and function of the brain years after Pre-eclampsia. *Ageing Research Reviews 47 (2018) 49–54.* PubMed PMID: 30026172. *Journal Impact Factor: 8.973*
4. Adekomi AD, Adegoke AA, Tijani AA, Olaniyan OO, Alabi MO, **Ijomone OK.** Morphine-alcohol treatment impairs cognitive functions and increases neuro-inflammatory responses in the medial prefrontal cortex of juvenile male rats. Anatomy and Cell Biology, 2018;51:41-51. PubMed PMID: 5890016.
5. Ijomone OM, **Olaibi OK**, Esomonu UG, Nwoha PU. Hippocampal and striatal histomorphology following chronic nicotine administration in female and male rats. *Annals of Neuroscience*, 2015; 22(1):31-36. PubMed PMID: 26124548.
6. Ijomone OM, **Olaibi OK**, Biose IJ, Mba C, Tete SA, Nwoha PU. Chronic nicotine administration does not alter cognitive or mood associated behavioural parameters. *Pathophysiology*, 2015; 22(1): 57-63. PubMed PMID: 25601213.
7. Ijomone OM, **Olaibi OK**, Nwoha PU. Effects of chronic nicotine administration on body weight, food intake and nitric oxide concentration in female and male rats. *Pathophysiology*, 2014;21:185-190. PubMed PMID: 25159662.
8. **Olaibi OK**, Osuntokun OS, Ijomone OM. Effects of chronic administration of gabapentin and carbamazepine on the histomorphology of the hippocampus and striatum. *Annals of Neuroscience*, 2014; 21(2): 57-61. PubMed PMID: 25206062.
9. Ijomone OM, **Olaibi OK**, Biose IJ, Mba C, Umoren KE, Nwoha PU. Performance on motor associated behavioural tests following chronic nicotine administration. *Annals of Neuroscience*, 2014; 21(2): 42-46. PubMed PMID: 25206059.
10. **Olaibi OK**, Ijomone OM, Ajibade AJ. Histomorphometric study of stomach and duodenum of aspirin treated Wistar rats. *Journal of Experimental and Clinical Anatomy*, 2014; 13(1): 12-16.
11. **Olaibi OK**, Ijomone OM, Olawuni IJ, Adewole SO, Akinsomisoye SO. Mucus secreting activity and nitric oxide concentrations of ethanol-injured pylorus and duodenum of Wistar rats pre-treated with *Moringa oleifera*. *Journal of Experimental and Integrative Medicine*, 2014; 4(2):123-130.
12. **Olaibi OK**, Ijomone OM, Adewole SO. Histological and Histomorphometric studies of ethanol-injured pylorus and duodenum of Wistar rats pre-treated with *Moringa oliefera* extract. *Al Ameen Journal of Medical Sciences*, 2014*;* 7(2):104-111.
13. Ijomone OM, Nwoha PU, **Olaibi OK**, Obi AU, Alese MO. Effects of methamphetamine on the hippocampus of rats: morphological and behavioural approach. *Journal of Neuroscience and Behavioral Health*, 2011; 3(8): 107-112.

**Conferences/Courses Attended**

* Annual Conference of the Neuroscience Society of Nigeria (NSN), 6th-10th August, 2018, at Federal University Dutse, Jigawa, Nigeria.
* 5th International Neuroscience Conference of the Institute of Neuroscience and Biomedical Research (INBR), 28th – 31st July, 2014, at Global Towers Hotels and Tourism Ltd, Owerri, Imo State, Nigeria.
* IBRO-ISN School in the Neurosciences in Africa, 2nd-6th December, 2013, at University of Ibadan, Nigeria.
* 10th Annual Conference of the Anatomical Society of Nigeria (ASN), 7th–10th November, 2012, at University of Port Harcourt, Rivers State.
* 4th International Neuroscience Conference of the Institute of Neuroscience and Biomedical Research (INBR), 1st- 5th July, 2012, at Concorde Hotel, Owerri, Imo State, Nigeria.
* 9th Annual Conference of the Anatomical Society of Nigeria (ASN), 21st–23rd September 2011, at Obafemi Awolowo University, Ile-Ife.
* 6th Annual Conference of the Anatomical Society of Nigeria (ASN), 14th-17th October 2008, at Ahmadu Bello University, Zaria

**Professional Membership**

* Member, Neuroscience Society of Nigeria (NSN).
* Member, Anatomical Society of Nigeria (ASN).
* IBRO Alumni, International Brain Research Organization (IBRO).
* Member, Society of Neuroscientist of Africa (SONA).
* Member, International Society for Neurochemistry (ISN).
* Member, Anatomical Society of Southern Africa (ASSA).

**Computing Experience**

* 8+ years’ experience with Microsoft Office package (MS Word, MS PowerPoint, MS Excel)
* 5+ years of statistical analysis with GraphPad Prism Package
* 5+ years of image analysis with Image J, a NIH-sponsored public domain software.

**Referees**

Prof T. Naicker,

*Professor,*

Discipline of Optics & Imaging Centre,

Doris Duke Medical Research Institute (DDMRI)

University of KwaZulu-Natal,

Durban, South Africa

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Dr P.D. Shallie

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Department of Anatomy,

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Olabisi Onabanjo University,

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