

**CURRICULUM VITAE**

Ajibola, Musa Iyiola, M.sc  
 Taiwan International Graduate Program  
 National Yang-Ming University and Academia Sinica,  
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<b>NAME</b> Ajibola, Musa Iyiola		<b>POSITION TITLE</b> PhD Student in Interdisciplinary Neuroscience		
<b>EDUCATION/TRAINING</b>				
<b>INSTITUTION AND LOCATION</b>		<b>DEGREE</b>	<b>YEAR(s)</b>	<b>FIELD OF STUDY</b>
University of Ilorin, Nigeria		B.Sc.	2007 - 2010	Anatomy
University of Ilorin, Nigeria		M.Sc.	2011 - 2013	Anatomy

**Current status**

PhD student of Taiwan International Graduate Program (TIGP) in Interdisciplinary Neuroscience, National Yang-Ming University and Academia Sinica.

**Personal Statement**

Learning and memory are brain functions essential for survival of animals and human. The hippocampus is a major brain area that has been extensively shown to perform learning and memory functions. For proper encoding and recall of memory, the hippocampus receives wide cortical and subcortical inputs. Cortico-hippocampal networks play important modulatory role in memory processing and navigation. I am interested in understanding how subcortical inputs modulate hippocampal circuits. In my research, I focus on understanding physiological relevance of subcortical inputs from the hypothalamic area to the hippocampus.

**Honors and Scholarships**

- 2018: Outstanding thesis award at 2018 Annual thesis competition of National-Yang-Ming University.
- 2018: A recipient of best poster travel grants award of TIGP-INS 2018 retreat to attend international conference.
- 2015-2018: PhD scholarship of Taiwan International Graduate Program (TIGP) in Interdisciplinary Neuroscience.
- 2015: IBRO travel grant award to attend society of Neuroscience (sfN) meeting in San diego, USA
- 2014: IBRO travel grant award to attend society of African neuroscience (SONA) meeting in Durban, South Africa.
- 2010: A recipient of Overall Best Graduating Student Award, Faculty of Basic Medical Sciences, College of Health Sciences, University of Ilorin, Nigeria. 2009/2010 Academic Session.

### **Workshops/Training Programmes/Conferences Attended**

- 11<sup>th</sup> FENS forum of Neuroscience, Berlin, Germany.
- 2018 annual meeting of Neuroscience Society of Taiwan (NST), Tainan, Taiwan.
- 2018 EMBO conference on neural development, Academia Sinica, Taipei, Taiwan
- 2017 annual meeting of Neuroscience Society of Taiwan (NST), Taipei, Taiwan.
- 2015 EMBO conference on neural development, Academia Sinica, Taipei, Taiwan.
- A participant at 12<sup>th</sup> International Meeting of Society of Neuroscientists of Africa, Durban, South Africa, 26 – 30<sup>th</sup> March, 2015. Theme: **Brain science”**.

### **Positions and Employment**

- **Assistant lecturer at Kampala International University, Western-campus, Ishaka-Bushenyi, Uganda. (2013 - 2015)**

### **Other Experience and Professional Memberships**

- 2017 – Present: The Chinese Physiological Society, Taiwan
- 2014 – Present: Society for Neuroscience (SfN), USA
- 2017 – Present: Neuroscience Society of Taiwan (NST)
- 2014 – Present: Neuroscience Society of Nigeria (NSN)

### **Peer-reviewed publications**

1. **Ajibola, Musa Iyiola**, Ibrahim Ridwan Babatunde, Masud Mustapha, Safiriyu Abass, Imam Aminu, Etibor Temitope (2015). Neurodegenerative potential of *Ocimum gratissimum*: a histological and biochemical study. *Anatomy journal of Africa*, 4(2): 563-570.
2. Temitope Akhigbe Etibor, **Musa Iyiola Ajibola**, Mohammad Olanrewaju Buhari, Abass Alao Safiriyu, Oluwole Busayo Akinola, Ezekiel A. Caxton-Martins (2015). Datura metel administration distorts medial prefrontal cortex histology of wistar rats. *World Journal of Neuroscience*, 5, 282 – 291.
3. Aminu Imam, Nafeesah Sulaiman, Aboyeji Oyewole, Samson Chengetanai, Victoria Williams, **Musa Ajibola**, Royhaan Folarin, Asma’u Muhammad, Sheu-Tijani Shittu, Moyosore Ajao, (2018). Chlorpyrifos- and Dichlorvos-Induced Oxidative and Neurogenic Damage Elicits Neuro-Cognitive Deficits and Increases Anxiety-Like Behavior in Wild-Type Rats. *Toxics*, 6(4), 71.
4. Aminu Imam, Abideen Lawal, Lukuman Aboyeji Oyewole, **Musa Iyiola Ajibola**, Victoria Williams, Samson Chengetanai, Toyin Sheu-Tijani Shittu, Moyosore Saliu Ajao (2018). Nigella sativa conserved hippocampal oxidative and neurogenic activities to salvage neuro-cognitive integrities in chlorpyrifos insult. *Scientific Africa*, 1, e00008.