CURRICULUM VITAE

Lihle Qulu
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FIELD OF RESEARCH: Neuroscience and Brain Diseases

ACADEMIC QUALIFICATIONS:

Institution	**Degree**	**Year graduated**
University of Zululand:	BSc (Biochemistry)	2004
University of KwaZulu-Natal (Durban-Westville):	Hons	2009
University of KwaZulu-Natal (Durban-Westville): Converted (PhD)	Msc Medical Science	(Cum Laude)
University of KwaZulu-Natal (Durban-Westville):	PhD Med Science	2016

POSITIONS HELD:

March 2006- March 2009:	Life Sciences Educator (grades 10 – 12)
2009 June – July 2010:	Lab demonstrator of Physiology, University of University of KwaZulu-Natal
July 2010- 2013 July:	Academic Development Officer School of Laboratory Medicine and Medical Sciences – University of KwaZulu-Natal
August 2013-2014:	Academic developmental **Lecturer** and final year PhD student – University of KwaZulu-Natal
January 2016-2019 June:	**Full time Lecturer and Researcher**-University of KwaZulu-Natal
July 2019 to date:	**Senior Lecturer** –University of Stellenbosch

MEMBERSHIP OF SOCIETIES/ORGANIZATIONS & POSITIONS CURRENTLY BEING HELD:

Deputy Secretary: SANS-Southern Africa Neuroscience Society March 2018-2019
Board Member- iThembaLethu HIV orphanage 2015 to date
Regional Representative of SONA: Society of Neuroscience of Africa 2019
Member: International Brain Research Organization (IBRO) 2010

RESEARCH COLLABORATIONS:

Dr. Musa Mabandla and Prof William Daniels: School of Laboratory Medicine and Medical, University of KwaZulu-Natal – Westville Campus – **Exposure to early life stressors enhances while extracts of the plant *Rhus chirindensis* retards the development of febrile seizures in young rats,**

Dr. Quentin Pittman: Professor, Dept. of Physiology & Pharmacology, Hotchkiss Brain Institute, Faculty of Medicine, University of Calgary, 3330 Hospital Dr NW, Calgary, Alberta. **Early-life exposure to lipopolysaccharide results in motor behavioural changes.**

Prof. Dr. Inga D. Neumann, Chair of Neurobiology & Animal Physiology, University of Regensburg, 93040 Regensburg, Germany, Tel: +49-(0)941-943-3055. 2016 **Collaboration Sexual Defeat, a Novel Rape Model.**

Dr. Suvira Ramlall Psychiatrist King George Hospital, Durban South Africa. 2017. **The use of bio-psycho spiritual exploration to investigating the socio-demographic profile of convicted, incarcerated male rapists in KwaZulu-Natal, South Africa.**

Prof MJ Chimbari. Research Professor – Public Health, School of Nursing and Public Health, College of Health Sciences, University of KwaZulu-Natal, Tel +27312604833**. The effects of Schistosoma infection in early life "Cognitive and Physical function.**

Dr. T and Prof F Brombacher, University of Cape Town Medical School, IDMS1.27 Wernher and Beit South Anzio Road, Observatory, 7925, Cape Town, South Africa. **The effects of Schistosoma infection in early life "Cognitive and Physical function.**

ABSTRACTS & CONFERENCE PROCEEDINGS (REFEREED)

1. Lihle Qulu, Daniels WM, Russell V, Mabandla MV. The Effects of Nicotine on the Locomotive Activity of Prenatally Stressed Rat. The 38th Annual Conference of the Physiology Society of Southern Africa, held in East London, South Africa, 27-29 September 2010.

2. Lihle Qulu, Daniels WM, Russell V, Mabandla MV. Exposure to early life stressors enhances the prevalence of febrile seizures in young rats. The 39th Conference of the Physiological Society of Southern Africa, hosted by the University of the Western Cape, 28-31 August 2011.

3. Lihle Qulu, Daniels WM, Russell V, Mabandla MV. Searsia chirindensis reverses the potentiating effect of prenatal stress on the development of febrile seizures and decreased plasma interleukin-1β levels. Qulu L, Daniels WM, Russell V, Mabandla MV. 12th SONA meeting Durban South Africa 26-30 March 2015

4. Lihle Qulu & Willie M. U. Daniels & Musa V. Mabandla. Exposure to prenatal stress has deleterious effects on hippocampal function in a febrile seizure rat model. College of health sciences research symposium, k-rith tower building, 10-11 September 2015

5. Lihle Qulu & Willie M. U. Daniels & Musa V. Mabandla. Exposure to prenatal stress has deleterious effects on hippocampal function in a febrile seizure rat model. 7th EMCCS-FENS Satellite, Copenhagen, Denmark. FENS 2016.
6. Lihle Qulu Yasmin Wa-Matamba and MV Mabandla. The anxiolytic effect of oxytocin in a prenatally stressed rat model of febrile seizures. 13th International Conference SONA, Imperial Resort Beach Hotel Entebbe, Uganda JUNE 11 - 14, 2017.
7. Lihle Qulu Yasmin Wa-Matamba and MV Mabandla. The anxiolytic effect of oxytocin in a prenatally stressed rat model of febrile seizures. Biological psychiatry congress Lord Charles Hotel, Somerset-West, Western Cape, 14 – 17 September 2017.
8. 11th FENS Forum of Neuroscience Berlin 2018. Searsia chirindensis reverses the potentiating effect of prenatal stress on the development of febrile seizures and decreased plasma interleukin-1β levels. Qulu L, Daniels WM, Russell V, Mabandla MV.
9. Biological Psychiatry Congress Century City Conference Centre in Cape Town. 2019. The Role of Oxytocin on a Sexual Defeat Rat Model. Wilkins A, Ramlall S and Qulu L.
10. SFN, 50th annual society for neuroscience's annual meeting chicago usa. 2019. "The establishment sexual defeat rat model". Wilkins A, Ramlall S and Qulu L.

AWARDS:

National Research Fund (NRF) freestanding bursary holder 2011-2013

First-prize in the PhD Credentialing Staff category for the College of Health Sciences Annual Research Symposium 2015.

First Price College of Health Science Research `symposium 2015

DRILL Fellow, UKZN-NIH Developing Research, Innovation, Localization and Leadership in South Africa

British Academy Early Childhood Development Grant collaborative with MJ Chimbari

Thesis and Dissertation:

1. "The Effects of Nicotine on the Locomotive Activity of Prenatally Stressed Rat" (2009) Thesis
2. Exposure to early life stressors enhances the prevalence of febrile seizures in young rats (2012) (Thesis changed to a PhD Dissertation)
3. Exposure to early life stressors enhances the prevalence of febrile seizures in young rats. (2015) Dissertation

Msc Student Supervised: six

PUBLICATIONS (Peered Reviewed):

1. Exposure to prenatal stress enhances the development of seizures in young rats. Lihle Qulu & Willie M. U. Daniels & Musa V. Mabandla. 2012. Met. Brain Disease
2. Acid: Neurotoxic Properties, Biological Sources and Clinical Applications. 2014 NOVA science publishers: ISBN: 978-1-63117-913-6
3. Exposure to prenatal stress has deleterious effects on hippocampal function in a febrile seizure rat model. Lihle Qulu & Willie M. U. Daniels & Musa V. Mabandla. 2015. Journal: Brain Research.

4. Prenatal stress and early life febrile convulsions compromise hippocampal genes MeCP2/REST function in mid-adolescent life of Sprague-Dawley rats. 2015. Cassim S, Qulu L, Mabandla MV.

5. *Searsia Chirindensis* reverses the potentiating effect of prenatal stress on the development of febrile seizures and decreased plasma interleukin-1β levels. Qulu L, Daniels WM, Russell V, Mabandla MV. 2016. Journal: Neuroscience Research

6. THE EFFECT OF QUERCETIN ON PRO- AND ANTI-INFLAMMATORY CYTOKINES IN A PRENATALLY STRESSED RAT MODEL OF FEBRILE SEIZURES. Nombuso Valencia Pearl Mkhize, Lihle Qulu, Musa Vuyisile Mabandla a 2017. Journal of Experimental Neuroscience: Volume 11: 1–8

7. The Pathogenesis of Fever-Induced Febrile Seizures and Its Current State. Palesa Mosili, Shreyal Maikoo, Musa, Vuyisile Mabandla and Lihle Qulu. 2020. Neuroscience Insights Volume 15: 1–7.

REFERENCES:

1. William M.U. Daniels- Head Of School in the Department of Human Physiology, at the University of Witwatersrand William. Daniels@wits.ac.za
2. Musa V. Mabandla- Dean of Laboratory Medicine and Medical Sciences. Mabandlam@ukzn.ac.za
3. Quentin J. Pittman, PhD. FRSC. Hotchkiss Brain Institute, University of Calgary: pittman@ucalgary.ca
4. Moses J. Chimbari Professor in Public Health Chimbari@ukzn.ac.za