

CURRICULUM VITAE

1. PERSONAL HISTORY:

1.1	Name	Mainen Julius Moshi
1.2	Sex	Male
1.3	Nationality	Tanzanian

2. ACADEMIC TRAINING:

	Institution	Qualification Obtained	Dates/year attended
2.1	University of Dar es Salaam	BPharm (Hons)	1981 - 1984
2.2	University of Strathclyde Dept. Physiology & Pharmacology	Ph.D	1987 - 1991

3. ACADEMIC AND PROFESSIONAL QUALIFICATIONS

	DEGREES/DIPLOMAS	INSTITUTION	YEAR
3.1	Bachelor of Pharmacy(Bpham Hons)	University of DSM	1984
3.2	Ph.D. (Pharmacology)	University of Strathclyde, Glasgow	1991

4.0. POSTS HELD AT THE UNIVERSITY/MUCHS

	P O S T	FACULTY/DEPARTMENT	DATES
4.1	Tutorial Assistant	ITM/Dept. Pharmacology and Toxicology	1985 - 1987
4.2	Assistant Research Fellow	ITM/Dept. Pharmacology and Toxicology	1987 - 1991
4.3	Research Fellow	ITM/Dept. Pharmacology and Toxicology	1991 - 2000
4.4	Senior Research Fellow	ITM/Pharmacology and Toxicology	2000 - todate
4.5	Co-ordinator	Dept Pharmacology and Toxicology	1991 - 2003
4.6	Director	Institute of Traditional Medicine	2003 -

5. MEMBERSHIP IN PROFESSIONAL SOCIETIES

	P O S T	INSTITUTION	FROM	TO
5.1	Member	Pharmaceutical Society of Tanzania	1985	todate
5.2	Member	Institute of Traditional Management Committee	1991	2003
5.3	Member	Board of the Faculty of Pharmacy	1991	1997
5.4	Member	ITM Board	1991	2003
5.5	Member	Academic Board	2000	todate
5.6	Member	MUCLIC	2000	2003
5.7	Editor	College Research Bulletin	1994	2002

5.8	Secretary	Board of ITM	1994	2000
5.9	Member	College Higher Degrees Committee	1994	2000
5.10	Member	Executive Committee, Pharmaceutical Society of Tanzania	1993	1996
5.11	Member	College Research and Publications Committee	1994	2000
5.12	Director	Institute of Traditional Medicine	2003	-
5.13	Member	Committee of Deans and Directors, MUCHS	2003	-
5.11	Member	Finance and Planning Committee, MUCHS	2003	-
5.12	Member	Research & Publications Committee - ITM	1994	todate

6. WORKING EXPERIENCE

6.1. UNIVERSITY TEACHING:

- 6.1.1. Lecturing pharmacology to undergraduate (Medical, Pharmacy, Dental and Bsc Nursing) students including supervision of final year projects
- 6.1.2. Lecturing pharmacology to postgraduate doctors (1991- todate)
- 6.1.3. Supervision of undergraduate Research projects

6.2. SUPERVISION OF POST GRADUATE STUDENTS

	Research Topic	Degree	Dates
6.2.1	Antimicrobial flavonoids and stilbene glycosides from <i>Uvaria scheffleri</i> Diels and <i>Terminalia sericea</i> Burch	MSc	1999-2001
6.2.2	Isolation and characterization of biologically active compounds from <i>Securidaca longepedunculata</i> and <i>Fadogia tiphyla</i> and <i>Catunaregum spinosa</i>	MSC	1999-2001
6.2.3	Isolation of Antimicrobial, cytotoxic and anticonvulsant compounds from <i>Isolana congolana</i> and <i>Heteromorpha</i>	MSc	2002 -
6.2.4	Isolation and characterization of Antimicrobial, cytotoxic and antimalarial compounds from Tanzanian plants	PhD	2002-
6.2.5	Isolation and characterization of Antimicrobial, cytotoxic from some Tanzanian mushrooms	PhD	2003-

6.3. Others:

- 6.3.1 WHO/TDR trainer on Good Laboratory Practice
- 6.3.2. WHO/TDR Temporary Technical advisor to a Syphilis Diagnostic Initiative Project at Peking Union Medical College Hospital 23rd – 25th October, 2002

6.4. ADMINISTRATIVE EXPERIENCE

- 6.4.1. Co-ordinator Department of Pharmacology & Toxicology 1991 to 2003

7. PUBLICATIONS

7.1. PUBLISHED PAPERS

- 7.1.1. Massele AY, Lushiku JB, Msangi W, Fulgence J and Moshi MJ. The Therapeutic role of the snake stone in the management of snake bites. *Afr J Pharmacol* 1987; **2**:19- 23.
- 7.1.2. Moshi MJ, Parratt JR, Wainwright CL and Zeitlin IJ. Acid optimum kinin-forming enzymes in dog cardiovascular tissues. *J Physiol (London)* 1989; **418**: 177
- 7.1.3. Moshi MJ, Zeitlin IJ and Parratt JR. Acid optimum(ACOP) kinin-forming enzyme in rat ventricular myocardium. *Eur J Pharmacol* 1990; **183**: 702
- 7.1.4. Moshi MJ, Zeitlin IJ, Wainwright CL and Parratt JR. Acid optimum kininogenases in canine myocardium and aorta. *Cardiovasc Res* 1992; **26**: 367 - 370.
- 7.1.5. Moshi MJ, Zeitlin IJ and Parratt JR. An acidic kininogenase in the rat ventricular myocardium. *J. Cardiovasc Risk* 1995; **2**: 331 - 337.
- 7.1.6. Malele SR, Moshi MJ, Mwangi, JW, Achola, KJ and Munenge, RW. Pharmacological properties of *Syzygium guineense* on laboratory rodents. *Afr J H Sci* 1997; **4**(1):43- 47
- 7.1.7. Moshi MJ, Uiso FC, Mahunnah RLA and Swai ABM. A study of the effect of extracts of *Phyllanthus amarus* on blood glucose in rabbits. *Int J Pharmacog* 1997;**35**(3):167- 173
- 7.1.8. Moshi MJ, Uiso FC, Mbwambo ZH, Kapingu MC and Mahunnah RLA. A study of the hypoglycaemic activity of extracts of *Phyllanthus amarus*. In *B.M. Abegaz, J.D. Connolly and M.H.H. Nkunya (April 1998). Proceedings of the Seventh NAPRECA Symposium.* pg 141 - 148.
- 7.1.9 Malele RS, Moshi MJ, Mloka DAS, Melekzedeck S and Mbwambo ZH. Invitro antimicrobial activity of some Tanzanian plants used by traditional healers. *TMJ* 1998; **3**(2): 31 – 33
- 7.1.10 Moshi MJ and Nagpa V. The effect of *Caesalpinia bonducella* seeds on blood glucose in rabbits. *Pharmaceutical Biol* 2000; **38**(2): 81 - 86.
- 7.1.11 Moshi MJ, Mbwambo ZH, Kapingu MC, Uiso FC and Mahunnah RLA. Some Pharmacological Properties of an aqueous extract of *Securinega virosa* roots. *Pharmaceutical Biol.* 2000; **38**(3): 214-221
- 7.1.12. Kapingu MC, Guillaume D, Mbwambo ZH, Moshi MJ, Uiso FC, Mahunnah RLA. Diterpenoids from the roots of *Croton macrostachys*. *Phytochem* 2000; **54**(8): 767-770.
- 7.1.13. Moshi MJ, Uiso FC, Mahunnah RLA, Mbwambo ZH and Kapingu MC. A Survey of Plants used by Traditional Healers in the management of non-insulin dependent diabetes mellitus. *East and Cent. Afri. J. Pharm. Sci.* 2000; **3**: 30-39.

- 7.1.14. Moshi MJ, Lutale JJK, Rimoy GH, Abbas ZG, Josiah RM and Swai ABM. The effect of *Phyllanthus amarus* aqueous extract on blood glucose in non-insulin dependent diabetic patients. *Phytotherapy Res* 2001; 15:577-580.
- 7.1.15. Rimoy GH, Moshi MJ and Maselle AY. Comparative bioavailability of oral sugar-coated and normal formulation of chloroquine phosphate marketed in Tanzania. *Tropical Doctor* 2002;32: 15-17.
- 7.1.16. Moshi MJ, Mbwambo ZH. A study of the experience of some traditional healers in Tanzania in the management of non-insulin dependent diabetes mellitus. *Pharmaceutical Biol.* 2002; 40: 552-560
- 7.1.17. Moshi MJ, Uiso FC, Mahunnah RLA, Mbwambo ZH, Kapingu MC. From the Forest to drug discovery: What should be the approach? A case study. Proceedings of the second DFID livestock production programme Link Project (R7798) workshop for small stock keepers, Sokoine University of Agriculture, Morogoro, Tanzania, 8-10, January 2002. pp25-29
- 7.1.18. Minzi OMS, Moshi MJ, Hipolite D, Massele AY, Tomson G, Ericsson O, Gustafsson LL. Evaluation of the quality of amodiaquine and sulphadoxine/pyrimethamine tablets sold by private wholesale pharmacies in Dar Es Salaam Tanzania. *J Clin Pharm Ther* 2003;28:117-122.

7.2. CONFERENCE, SEMINAR, WORKSHOP PAPERS

- 7.2.1. Moshi MJ. Country report on problems and status of traditional medicine activities in Tanzania. International workshop on medicinal plants, their bioactivity screening and evaluation. Lucknow (India) Dec 2 - 5, 1997.
- 7.4.2. Moshi MJ. Tanzanian Plants used for the treatment of malaria. In *Workshop on natural products for the treatment of malaria and for control of diarrhoeal diseases* (Organized by UNICEF and conducted in Dar es Salaam, Tanzania on 19th February, 1996).
- 7.4.3. Moshi MJ. Methodology for detecting plants with hypoglycaemic activity. In *Training workshop on ethnobotanical identification of plants for the treatment of non-insulin dependent diabetes mellitus* (workshop organized by Shaman Pharmaceuticals Inc and conducted in Tanga, Tanzania 17th - 20th July, 1995)
- 7.4.3. Moshi MJ and Mahunnah RLA. Bioresources, indigenous knowledge and drug bioprospecting: The Tanzanian experience. *Workshop on Wildlife Disease Training for Tanzania, Sokoine University of Agriculture: 10th - 11th March, 1997*
- 7.4.4. Moshi MJ, Uiso FC, Mbwambo ZH, Kapingu MC and Mahunnah RLA. A study of the hypoglycaemic activity of extracts of *Phyllanthus amarus*. In *B.M. Abegaz, J.D. Connolly and M.H.H. Nkunya (April 1998). Proceedings of the Seventh NAPRECA Symposium.* pg 141 - 148.

- 7.4.5. Josiah RM, Mugusi F, Lutale JJ, Chale S, Moshi MJ and Swai ABM. Traditional Tanzanian Foods in the Management of Diabetes. *Proceedings of the 6th PDSG Congress, 24 - 27 May, 1998*
- 7.4.6. Moshi MJ, Uiso FC, Mahunnah RLA, Mbwambo ZH and Kapingu MC. The Role of Traditional Medicine in the Management of Diabetes Mellitus: *The Tanzanian Experience (proceedings of the 6th PDSG Congress, 24 - 27 May, 1998*
- 7.4.7. Moshi MJ, Lutale JJK, Rimoy, GH, Abbas, ZG, Josiah, RM and Swai, ABM. The effect of *Phyllanthus amarus* aqueous extract on blood glucose in non-insulin dependent diabetic patients. *Proceedings of the 6th PDSG Congress, 24 - 27 May, 1998*
- 7.4.8. Mbwambo ZH, Kapingu MC, Moshi MJ, Uiso FC and Mahunnah RLA. Traditional treatment for HIV/AIDS. *Proceedings of the National Multisectoral AIDS conference; 6 - 10 Dec, 1998*
- 7.4.9. G.H.Rimoy, M.J.Moshi and A.Y.Massele. Comparative bioavailability of oral sugar-coated and normal formulation of chloroquine phosphate marketed in Tanzania. *Proceedings of the the 3rd SOCEPTA Biennial Conference held in Nairobi from 7th – 9th December, 1998.*
- 7.4.10. Training workshop on Good Laboratory Practice 1st – 3rd Oct, 1999; Organized by WHO and KEMRI in Nairobi, Kenya.
- 7.4.11. WHO/UNDP/World Bank Good Laboratory Practice Training Workshop for Trainers. 23rd - 27th April, 2001 (Nairobi, Kenya).
- 7.4.12. Workshop on Malaria organized by the Department of Clinical Pharmacology, MUCHS 14th - 16th May, 2001.
- 7.4.13. Workshop on Good Laboratory practice for NIMR researchers. Conducted in Mwanza from 3rd to 6th December, 2001. Attended as the principal facilitator.
- 7.4.14. Moshi MJ, Uiso FC, Mbwambo ZH and Mahunnah RLA. From the forest to drug discovery. What should be the approach. A case study. Presented in a workshop organised by the Department of animal Science, SUA 3rd – 7th January, 2002
- 7.4.15. Moshi MJ. Presentation of Country Pre-clinical activities for Tanzania. Workshop on the development of Pre-clinical testing Guidelines, held in Johannesburg, South Africa from 27th to 30th June, 2002.
- 7.4.16. Moshi MJ, Walubo A. WHO/TDR training workshop for a Syphilis Diagnostic Initiative Project, Beijing 23rd – 25th October, 2002 (attended as facilitators)

8.0. REPORTS(CONSULTANT/TECHNICAL)

TITLE	AUTHORS	INSTITUTION	YEARS
--------------	----------------	--------------------	--------------

