



**Dr. MUNYENDO L.L. Were (Ph.D)**

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**Dr. MUNYENDO Lincoln Linus Were** is a Doctorate degree graduate of the China Pharmaceutical University, Nanjing P.R.CHINA, having successfully completed his Ph.D entailing both Coursework and Research in Pharmaceutics. This coupled with his M.Sc. in Medicinal Chemistry and B. Sc. (Hons) in Chemistry endows all embracing Theoretical and Practical knowledge relevant for attaining his life ambitions of Innovative Research geared to Commercialization in the areas of Health and Applied Sciences.

**CURRENT RESEARCH INTERESTS**

- Chemical and ethnopharmacotherapeutic agents of natural products origin
- Formulation of therapeutic natural products into utilizable forms
- Ethnopharmacovigilancy and biosafety

**ACADEMIC ARTICLES**

**Peer reviewed Journal publications**

1. **Were LL Munyendo**, Lilechi D. Baraza, Sowayi George **2015**. Stability and kinetics studies using an RP-HPLC-UV method developed for assays of Salvanolic Acid A degradation as a therapeutic. *Internation Research Journal of Pure and Applied Chemistry* (**Accepted manuscript in press**)
2. Sarra Abbad, Zhenhai Zhang, Ayman Y. Waddad, **Were LL Munyendo**, Huxia Lv, Jianping Zhou **2014**. Chitosan-modified cationic amino acid nanoparticles as a novel oral delivery system for insulin. *Journal of Biomedical Nanotechnology* 11(3): 486 – 499
3. **Were LL Munyendo**, Zhenhai Zhang, Sarra Abbad, Ayman Y. Waddad, Huxia Lv, Lilechi D. Baraza, Jianping Zhou **2013**. Micelles of TPGS modified Apigenin Phospholipid complex for Oral Administration: Preparation, In vitro and In vivo Evaluation. *Journal of Biomedical Nanotechnology* 9: 2034 - 2047.
4. Ayman Y. Waddad, Sarra Abbad, Fan Yu, **Were L.L. Munyendo**, Wang Jing, Hui-Xia Lv, Jian-Ping Zhou **2013**. Formulation, characterization and pharmacokinetics of Morin hydrate niosomes prepared from various non-ionic surfactants. *International Journal of Pharmaceutics*. 465 (2): 446 - 458
5. Fan Yu, Chenghua He, Ayman Y. Waddad **Were L.L. Munyendo**, Hui-Xia Lv, Jian-Ping Zhou **2013**. N-octyl-N-arginine-chitosan (OACS) micelles for gambogic acid oral delivery: preparation, characterization and its study on in situ intestinal perfusion, *Drug Development and Industrial Pharmacy*. doi:10.3109/03639045.2013.786723
6. Zhen-Hai Zhang, Xiao-Pan Wang, **Were L.L. Munyendo**, Hui-Xia Lv, Jian-Ping Zhou **2013**. Studies on Lactoferrin Nanoparticles of Gambogic Acid, for Oral Delivery, *Drug Delivery*. 20(2):86-93.
7. **Were LL Munyendo**, Huixia Lv, Habiba Benza-Ingoula, Lilechi D. Baraza and Zhou Jianping **2012**. Cell Penetrating Peptides in the delivery of biopharmaceuticals. *Biomolecules*, 2: 187 – 202
8. Zhen-Hai Zhang, Yong-Shun Sun, Hui Pang, **Were L.L. Munyendo**, Hui-Xia Lv and Sheng-Liang Zhu. **2011**. Preparation and Evaluation of Berberine Alginate Beads for Stomach-Specific Delivery. *Molecules*, 16 : 10347 - 10356
9. **W. L. L. Munyendo**, J. A. Orwa, G. M. Rukunga and C. C. Bii. **2011**. Bacteriostatic and Bactericidal Activities of *Aspilia mossambicensis*, *Ocimum gratissimum* and *Toddalia asiatica* Extracts on Selected Pathogenic Bacteria. *Research Journal of Medicinal Plants*, 5(6): 717-727
10. Habiba I. Benza and **Were L.L. Munyendo**. **2011**. A Review of Progress and Challenges in Soft Gelatin Capsules Formulations for Oral Administration. *International Journal of Pharmaceutical Sciences Review and Research*. 10 (1):20 – 24

### **Conference proceedings publication**

1. **Were LL Munyendo.** Dual-functional micelles based on *d-α*-Tocopherol acid polyethylene glycol 1000 succinate and phospholipids technology for oral bioavailability enhancement. Proceedings of the Mount Kenya University 1<sup>st</sup> International Research and Innovation Conference, Nairobi Kenya, August 28 - 30, **2013**

### **Conference presentations & Workshops attended**

1. **Workshop of Clinical & Research Training on Cervical Cancer screening & prevention in Sub-Sahara Africa** by Moi University – Moi Teaching & Referral Hospital, Forgart International Centre, National Institute of Health & Brown University at the Noble Hotel Eldoret Kenya. **February 19 - 21, 2014**
2. **Conference Oral Presentation** at the Mount Kenya University 1<sup>st</sup> International Research and Innovation Conference Nairobi Kenya, **August 28 – 30, 2013**

### **Occupation**      **University Lecturer / Research Officer**

#### **Work experience**

Dates	<b>2014 June to Present</b>
Occupation or position held	LECTURER – DEPARTMENT OF CHEMISTRY & BIOCHEMISTRY
Activities and responsibilities	Teaching and Scientific Research
Name and address of employer	<u>Moi University P.O. Box 3900 - 30100 Eldoret, Kenya</u>
Sector	Education
Responsibilities held	CHAIRMAN, DEPARTMENTAL GRADUATE STUDIES COMMITTEE DEPARTMENT OF CHEMISTRY & BIOCHEMISTRY
Dates	<b>2014 January to Present</b>
Occupation or position held	ADJUNCT LECTURER – DEPARTMENT OF PHARMACY & CAM
Activities and responsibilities	Teaching and Scientific Research
Name and address of employer	<u>Kenyatta University P.O. Box 43844 - 00100 Nairobi, Kenya</u>
Sector	Education
Dates	<b>2013 September to 2014 August</b>
Occupation or position held	PART-TIME LECTURER - BIOCHEMISTRY I & II
Activities and responsibilities	Teaching and Scientific Research
Name and address of employer	<u>Kisii University P.O. Box 408 - 40100 Kisii, Kenya</u>
Sector	Education
Dates	<b>2011 September to 2013 July</b>
Occupation or position held	TUTORIAL FELLOW - MEDICINAL CHEMISTRY
Activities and responsibilities	Teaching and Scientific Research
Name and address of employer	<u>China Pharmaceutical University; No. 24 Tongji Xiang, Nanjing 210009 PRC</u>
Sector	Education
Dates	<b>2011 July to 2011 September</b>
Occupation or position held	ATTACHEE - REGULATORY AFFAIRS
Activities and responsibilities	Pharmaceutical Products Development, GMP & GLP
Name and address of employer	<u>Zhejiang Xianju Pharmaceutical Co Ltd. No. 1 Xianyao, 317300 Xianju PRC</u>
Type of business or sector	Manufacturing
Dates	<b>2008 September to 2010 May</b>
Occupation or position held	ASSISTANT LECTURER - BIOLOGICAL CHEMISTRY

Activities and responsibilities	Teaching and Scientific Research
Name and address of employer	<u>Masinde Muliro University of S &amp; T. P.O. Box 190 - 50100 Kakamega, Kenya</u>
Type of business or sector	Education
Dates	<b>2009 June to 2010 January</b>
Occupation or position held	CONSULTANCY
Main activities and responsibilities	-Science aspects of Traditional Medicine - USAID-APHIA II TB Project in Western Kenya -Water Quality Assessment - UNICEF/GOK WASH Programme in Busia District
Type of business or sector	Health Care.
Dates	<b>2006 January to 2008 July</b>
Occupation or position held	ASSISTANT RESEARCH OFFICER
Activities and responsibilities	Scientific Research - Centre for Traditional Medicine Research
Name and address of employer	<u>Kenya Medical Research Institute P.O. Box 54840 - 02000 Nairobi, Kenya</u>
Type of business or sector	Health Care

### **Education and training**

Dates	<b>2013</b>
Title of qualification awarded	Doctor of Philosophy (Ph.D)
Principal subject(s)	<b>PHARMACEUTICS</b>
Name and type of organisation providing education and training	China Pharmaceutical University, Nanjing CHINA
Dates	<b>2008</b>
Title of qualification awarded	Master of Science (M.Sc)
Principal subject(s)	<b>MEDICINAL CHEMISTRY</b>
Name and type of organisation providing education and training	Jomo Kenyatta University of Agriculture & Technology, Nairobi KENYA.
Dates	<b>2004</b>
Title of qualification awarded	Bachelor of Science (Hons)
Principal subject(s)	<b>CHEMISTRY</b>
Name and type of organisation providing education and training	Moi University, Eldoret KENYA.

### **Professional training**

Dates	<b>2000</b>
Title of qualification awarded	Technical Education Program Diploma
Principal subject(s)	<b>ANALYTICAL CHEMISTRY</b>
Name and type of organisation providing education and training	Kisumu Polytechnic, kisumu KENYA.

## **Other responsibilities**

### **Graduate Studies Thesis Supervision**

M. Sc. in Pharmaceutics

Atenolol Softgel Capsules Preparation & Characterization (Habiba I. Benza -  
Department of Pharmaceutics) China Pharmaceutical University, CHINA.

## **Technical skills and competences**

- HPLC-MS, UV, IR equipment use and maintenance
- NMR, MS Data interpretation and application
- SPSS statistical analysis

## **Referees**

Dr. Lilechi D. Baraza

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