


**DR. ERICK ONDARI, Ph.D**

	
Department:	BIOLOGICAL SCIENCES
<b>PERSONAL INFORMATION</b>	
Name: <i>(indicate title, then full name(s))</i>	DR. ERICK NYAKUNDI ONDARI
Marital Status:	MARRIED
Nationality:	KENYAN
Date and Place of Birth:	26/09/1987
Religion:	CHRISTIAN
Address:	P.O. Box: 408                      Code: 40200 Town: Kisii
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<b>Education</b>	
PhD:	Biotechnology Karpagam University, Coibatore India 2012-2016
Masters:	Biotechnology Periyar University, Salem India 2009-2011
Undergraduate:	Biotechnology Periyar University, Salem India 2006-2009
Secondary:	Sameta Boys High School KCSE, 2002-2005
Primary/Elementary School: <i>(Examination/Qualification, year started – year ended)</i>	Sironga D.E.B Primary School KCPE, 1993-2002
<b>CAREER DEVELOPMENT/WORK EXPERIENCE</b>	
<b>A. Professional Experience</b>	
1. Kisii University. September 2017 to-date	
2. Kampala International University February 2017-August 2017	
3. Bharathiar University, UGC fellow July 2011-July 2012	
4. Kisii University, Part-time Lecturer January 2012-2013	
5. Africa Nazarene University Part-time Lecturer January 2012-2013	
6. JKUAT Part-time Lecturer May 2015-2017	
<b>B. Supervision of Completed Undergraduates</b>	
1. 10	

2. Guiding 30 students at the moment
<b>INTERNAL EXAMINER OF THE FOLLOWING THESIS</b>
1. One Degree of Master in Animal Science
<b>SEMINARS / CONFERENCES ATTENDED</b>
Presented Oral paper at KEMRI on 8 <sup>th</sup> KEMRI Annual scientific and Health (KASH) held at Safari Park Hotel, Nairobi from 16 <sup>th</sup> -16 <sup>th</sup> February 2018 under the title In Search of Better Health. Title of the paper presented “ <b>Effect Of Biopolymer Stabilized Silver Nanoparticles On Antioxidant Genes From Larvae Of Anopheles Stephensi Mosquito</b> ”
Presented poster paper entitled: <b>Green chemistry focus on optimization of silver nanoparticles using response surface methodology (RSM) and mosquitocidal activity: Anopheles stephensi (Diptera: Culicidae) and Won Third Prize</b> in poster presentation, organized by Faculty of Tropical Medicine, Mahidol University, Bangkok, Thailand on International Tropical Medicine Meeting (JITMM 2014) and Food borne Parasites and Zoonoses 8 (FBPZ8)” (JITMM2014 & FBPZ8) under the theme 3D perspectives on Tropical Medicine: Drivers, Diversity and Determination, on 2 <sup>nd</sup> - 4 <sup>th</sup> December, 2014.
Presented poster paper entitled: <b>Effect of bio-polymer stabilized silver nanoparticles on anti-oxidant enzyme markers on Anopheles stephensi mosquito</b> , organized by Department of Animal Biology, University of Hyderabad, Hyderabad, on International Conference on Frontiers in Comparative Endocrinology and Neurobiology 2014 (IC-FCEN 2014), on 25 <sup>th</sup> –28 <sup>th</sup> November, 2014.
Attended Science Academies’ Lecture Workshop on Biological Sciences: Research Prospects and Applications held on 25 <sup>th</sup> & 26 <sup>th</sup> September, 2014 at Karpagam University, Coimbatore.
Presented an oral paper entitled: <b>Green chemistry focus on optimization of silver nanoparticles using response surface methodology (RSM) and Won Best Oral Second Prize</b> , organized by Department of Biotechnology, Periyar University on International Seminar Conference on Nanotechnology in Cancer Research. (NCR-2014), Salem on 21 <sup>st</sup> July 2014.
<b>FUNDED RESEARCH PROJECTS</b>
1. Applied for 2, awaiting for the final decision.
<b>ABILITY TO SOURCE FOR FUNDS</b>
<b>1. Travel Award to Thailand</b> to attend International Tropical Medicine Meeting (JITMM 2014) and Food borne Parasites and Zoonoses 8 (FBPZ8)” (JITMM2014 & FBPZ8) under the theme <b>3D perspectives on Tropical Medicine: Drivers, Diversity and Determination</b> , on 2 <sup>nd</sup> - 4 <sup>th</sup> December, 2014.
<b>PROFESSIONAL MEMBERSHIP</b>
1. Board of Biotechnologists
2. Entomologists of India
3. Tropical Medicine in Thailand
<b>PUBLICATIONS/PAPERS</b>
1. Ondari Nyakundi Erick, Nalini Padmanabhan M, Maniga Nyabay Josephat and Dickson Opio. Effect of biopolymer stabilized silver nanoparticles on antioxidant genes

<p>from larvae of <i>Anopheles stephensi</i> mosquito. <i>Front Nanosci Nanotech</i> 1: DOI: 10.15761/FNN.1000160, 3(3): 1-4</p>
<p>2. <b>Ondari Nyakundi Erick</b> and M. Nalini Padmanabhan. <i>Green chemistry focus on optimization of silver nanoparticles using response surface methodology (RSM) and mosquitocidal activity: Anopheles stephensi (Diptera: Culicidae)</i>. <i>Spectro. Acta A: Mol. Biospectr.</i> 2015; 149: 978-984 (doi: 10.1016/j.saa.2015.04.057). <b>IF 2.353</b></p>
<p>3. <b>Ondari Nyakundi Erick</b> and M. Nalini Padmanabhan. <i>Antimicrobial activity of biogenic silver nanoparticles synthesized using Tridax procumbens L.</i> <i>Int. J. Curr. Res. Aca. Rev.</i> 2014; 2 (7) 32-40. <b>IF 1.215</b></p>
<p>4. <b>Ondari Nyakundi Erick</b>, M. Nalini Padmanabhan, P. Shanmughavel, Amit Patidar and Anand Kumar. <i>Molecular modeling and docking studies of dihydrodipicolinate reductase enzyme (DHDPR) of Streptococcus suis and Streptococcus parauberis.</i> <i>Adv. Pharmacol. Toxicol.</i> 2014; 15(2) 7-12.</p>
<p>5. <b>Ondari Nyakundi Erick</b>, Raghu T, Rohini D and Nalini Padmanabhan. <i>M. Larvicidal and Pupicidal effect of Tridax procumbens mediated synthesis of silver nanoparticles stabilized by SDS and Tween 20 against Anopheles stephensi.</i> <i>Int. J. Pharmacol. Bio. Sci. Vol.</i> 2014, 8 (2) 59-63.</p>
<p><b>REFEREES</b></p>
<p><b>Dr. Zachary Kinaro, Lecturer, Ph. D</b>  Jaramogi Oginga Odinga University  Email: zackinaro@gmail.com  Mobile: 0721 559 430</p>
<p><b>Dr. M Nalini Padmanabhan, Lecturer, Ph. D</b>  Associate Professor  E-mail: madannalini@gmail.com  Mobile: +91 9176424990</p>
<p><b>3. Dr. Ongera Gilbert, Lecturer, Ph. D</b>  University of Kabianga  Email: ongera1@gmail.com  Mobile: 0706 787 372</p>