

“Water First! Workshop for African Women in Water Research”

Virtual Meeting: 20 & 27 July, 10 & 17 August 2021



Name: Dr. Salinah Rono

Current employer: University of Eldoret,

Appointment/title: Lecturer in Microbiology

Mentor: Prof. Rose Kakai

Mentees: undergraduate and postgraduate students in Microbiology

E-mail: sjronos@gmail.com;

Country: Kenya

Area of Research: Infectious diseases in Tropical Countries, Antimicrobial Research & Water quality / Safety

Area of Teaching: Bacteriology, Virology, Medical Microbiology

Biography

Date of Birth: 16/12/1966 **Marital Status:** Married with four Children

EDUCATIONAL

BACKGROUND

2009-2015	Doctor of Philosophy in Medical Microbiology, Maseno University, Kenya
2005 – 2008	Master of Science in Medical Microbiology- University of Nairobi, Kenya
1994 –1995	Post Graduate Diploma in Education (PGDE) Egerton University, Kenya
1987 – 1990	Bachelor of Science (BSc, Hons.) Botany / Zoology _ University of Nairobi, Kenya
1985 –1987	A' levels (Kenya Advanced Certificate of Education) _ Solian Girls High School.
1981 – 1984	O' Levels (Kenya Certificate of Secondary Education – KCSE) - Loreto Matunda
1973 –1980	Certificate of Primary Education (CPE) _ Kerotet Primary School

PROFESSIONAL SKILLS

- ✓ Biomedical Scientist - well versed with Standard Microbiological Diagnostic techniques, Serological Assays, Molecular Techniques – PCR, Western Blot, rRNA Sequence Analysis, Nanopore Technology.
- ✓ Integrity Assurance Officer
- ✓ Consultant Medical Microbiologist

EMPLOYMENT HISTORY

Jan 2015 – Current	Lecturer in Microbiology, University of Eldoret, Kenya
2012 –2014:	Lecturer in Microbiology, University of Kabianga, Kenya
2010 – 2012:	Assistant Lecturer, Kabianga University College
2007 – 2009:	Head, Department of Applied Sciences, Eldoret Polytechnic.
2002 – 2003:	Senior Instructor, Medical Laboratory Sciences, Eldoret, Polytechnic.
1998 -2001	Instructor, Applied Sciences
1995- 1998	Assistant Instructor, Science Laboratory Technology, Rift Valley TTI

RESEARCH PUBLICATIONS

1. K. Chemitei and S. Rono (2019). Potential Economic Importance of Agave Plants in Kenya: A Special Focus on Alcohol Production. *AER Journal Volume 3, Issue 2, 199-211*
2. Gilbert, Ronoh, Moses, Ngeiywa, and Salinah, Rono. (2019). Association Between Seropositivity of *Helicobacter pylori* Infection and Anaemia Amongst Children Aged 5-15 Years in Western Highlands of Kenya. *Journal of Health and Medical Sciences, Vol.2, No.3, 248-255*

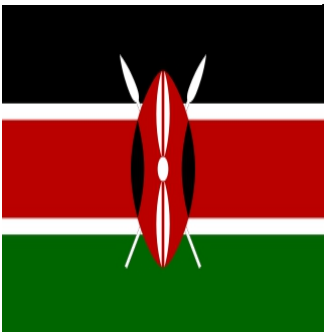
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3. Rono S., Maina E. and Cheruiyot E. (2018). Impact of Bacterial Wilt on Potato Production in Elgeyo–Marakwet County, Kenya. *The International Journal of Science & Technoledge* (ISSN 2321 – 9199) 6(1): 78
4. Rono S., Wakiuru B. W (2018). Prevalence and Risk Factors to Pulmonary Tuberculosis among Patients Attending Nyahururu District Hospital, Kenya. *The International Journal of Science & Technoledge* (ISSN 2321 – 9199) 6(1): 73
5. Rono S. and Yego E. (2017). Efficacy of Rapid Diagnostic Test over Blood Slide Microscopy Method used in Diagnosis of Malaria at AIC Kapsowar Mission Hospital. *Africa Journal of TVET*.
6. Torrorey Rispah^{1, 2}, Ofulla Ayub², Mining S.K², Patel K.², Busakhala N.³, Lugaria L.⁴, Meli ⁵**Rono, S.**⁶ Xie S⁷, Littlepage L⁸ (2015). Risk Factors Associated with Aggressive Breast Cancer Forms seen in Young Women in Western Kenya. *Journal of Medical and Clinical Research*.
7. Kirui C. Stella, Oyaro M. Nathan, Wamalwa N. Mercy, Njau N. Peter and **Rono, S.J** (2015). Race Analysis of Stem Rust Inoculum and its Virulence on Commercial Wheat Varieties at Seedling in Kari- Njoro, Kenya (2015). *Asian Journal of Agriculture and Food Sciences* (ISSN: 2321 – 1571)3:4
8. **Rono Salinah J**^{1, 5}, Kakai Rose², Esamai Fabian³, Chebore Sheila⁴ and Kimutai A⁵ (2014). Antibiotic Profiles of Bacterial Enteropathogens associated with Diarrhea among HIV Positive and Negative Patients aged below five years in Western Kenya. *Journal of Medical and Clinical Research*. 2(9): 2345-23562014
9. **Rono Salinah J**¹, Rose Kakai ², Fabian Esamai ³, Erick Mibei ⁴, Elizabeth Odundo⁵. Pathotypes and Virulence Markers In *Escherichia Coli* Associated With Diarrhoea Among HIV Seropositive And Seronegative Children Below Five Years In Western Kenya (2014). *European Scientific Journal*. 10(27) ISSN: 1857 – 7881 (Print) e - ISSN 1857- 7431
10. **Rono Salinah J**^{1, 4*}, Kakai Rose², Esamai Fabian³. Prevalence and clinico-demographic characteristics associated with bacterial diarrhea among HIV positive and negative children aged below five years at Moi Teaching and Referral Hospital, Kenya (2014). *American Journal of Life Sciences*. 2(5): 1-8
11. Erick Mibei ^{1*}, **Salinah J Rono** ², John N Waitumbi ³, Jose Stoute ⁴ (2014). MD CR1 Binding Assay: A Novel Elisa Assay for Measuring Circulating Immune Complexes. *European Scientific Journal* ISSN: 1857 - 7881
12. Kirui S.C¹, Kiprop A.K², Kiplagat F.K³, Kimno S.K³, **Rono S.J**⁴ and Kigen B.K⁵. Chemical Assessment and Antimicrobial Activity of Solvent Extracts from *Kalanchoe densiflora* (2014). *International Journal of Education and Research*. 2(3).
13. Choge JK. * Masese Frank, Kiriu Stella, **Rono SJ** and Bosire Elijah. Behavioural Attitude of Young Men (10 -24 yrs) on safe sex and reproductive Health. A survey of Huruma Estate, Eldoret, Kenya (2013) (b *J agric. Pure appl. sci. technol.* 5: 45- 51
14. **Rono S.J**^{*}, Wamola Isaac A and Chebore SC; Bacteriological quality of Drinking Water Supplies: A Study of Two Municipalities in North Rift Region of Western Kenya. (2010). *J agric. Pure appl. sci. technol.* 2: 84-89
15. **Rono S.J**^{*}, Wamola Isaac A , Chebore SC, Kirui SC. And Torrorey R. Evaluation of factors Predisposing to Bacterial Contamination of Drinking Water Sources. *J agric. Pure appl. sci. technol.* (2010). 2: 90-99
16. Kirui SC^{*}, Wanjala FME, **Rono SJ** and Kiprono P. Repellant. Effects of *Tephrosia vogeli* and *Calodendrum capense* against adult *Prostephanus truncatus* horn and *Sitophilus Zea mais* moth in stored maize grain. (2010) *J agric. Pure appl. sci. technol.* 2: 100-105

AFFILIATIONS

1. Organization for Women in Science for the Developing World (OWSD)
2. American Society for Microbiology (ASM)
3. Institute of Biomedical Scientists (IBMS)
4. African Women in Science & Engineering (AWSE)
5. International Network of Women in Science & Engineering (INWES)



Name: Dr. Salinah Rono
Current Appointment: Lecturer in Microbiology
Institution: University of Eldoret
Country: Kenya



Educational Background

Bsc. (UoN), PGDE (Egerton), Msc. Medical Microbiology (UoN), PhD Medical Microbiology (Maseno)

Research Interests

1. Infectious diseases and Antimicrobial Research in Tropical Countries
2. Emerging and Neglected Tropical Diseases
3. Water quality and Environmental Hygiene
4. Women, Science and Health

Water Quality Research

1. Bacteriological quality of Drinking Water Supplies: A Study of Two Municipalities in North Rift Region of Western Kenya.
2. Evaluation of factors Predisposing to Bacterial Contamination of Drinking Water Sources.

Affiliations: OWD, INWES,AWSE,ASM,IBMS

