

Curriculum Vitae

Personal Information

Name Dr. John K. Mwonjoria
Tel. Mobile: 0711 850873
E-mail jkmmaina@gmail.com
Nationality Kenyan
Gender Male
Marital status Married
Desired Employment / Occupational Field Research/Lecturer University level

Work Experience

Occupation

From 2014 to date

Lecturer Kenyatta University

From 2007 to 2014

Lecturer on Part-time basis in - at University level

1994-2007 lecturer TIVET institutions/ resource person KNEC

1992-Research consultant Family Planning Private Sector

1992/93-Medical representative Nairobi Enterprises Ltd (Universal pharmacy)

Curriculum reviews

Workshop on Doctor of pharmacy curriculum Kenyatta University august 2013 & Review of physiology and anatomy units for BSc Medical lab and forensic science in Kenyatta University

Academic Background

Qualification Awarded:

2013-2016

Name of Training Institution

Doctor of philosophy: Kenyatta University

Speciality Medical biochemistry (Area of research Neural sciences)

2007-2011

Qualification Awarded:

M.Sc (Medical Physiology)

Principal Subjects & Skills Covered

Medical physiology

Research area Neural physiology (Pain, Inflammation & pyrexia)

Name of Training Institution

University of Nairobi, Nairobi Kenya

1987-1992

Qualification Awarded:

Intercalated BSc. Medical Physiology Research area Pyrexia

Name of Training Institution

University of Nairobi, Nairobi Kenya

Personal Skills & Competences

Language(s)

English-Excellent, Kiswahili-Satisfactory, Vernacular - Excellent

Skills and Competences

Physiological research, Bioscreening

Competent in most Microsoft programs

Publications in peer reviewed Journals

25 Publications in peer reviewed see attached Journals list

Grant awarded

NACOSTI sti grant/4th call PhD

Seminars attended

1. IUPS/AD Instruments/LASEC workshop held at University of Nairobi, Chiromo Campus, KENYA 25th and 26th July, 2008.
2. Data Acquisition and Analysis for Life Science Research and Education, Chiromo Campus university of Nairobi, April 2010.
3. Power point presentation at the Ph.D Graduands Seminar in Kenyatta university held on 2nd December 2016
4. Sensitization on people living with disabilities at Kenyatta University
5. Training on ISO certification 27000 at Kenyatta University
6. Safety and Anti-terrorism Preparedness Training in June 2018
7. Training of the trainers on Applied Entrepreneurship Education Programme at Chandaria BIIC executive boardroom. Kenyatta University, May-June 2018

Professional body

1. Member International association of Pain study
2. Member of Kenya Physiological Society
3. Member of Kenya Society of basic and applied pharmacology
4. Member of European phytochemical society

Personal Interests

1. Love travelling to see sceneries, fauna, flora and prehistoric sites
2. Enjoy swimming and line fishing

Administration duties

-2018-Acting departmental exam coordinator
-Class advisor

Student supervision

1. Boniface M. Mwangi **Ph.D** ongoing
2. Elsie Maina **PhD** ongoing
3. Chrispine Mbugua **MSc.** Ongoing
4. Enoch N. Wambugu **MSc** ongoing
5. Wambui Numbi **MSc.** ongoing
6. Kevin Kisaka **Msc.** on going
7. Salamwit assefa Atilow **MSc.** nearly complete
8. John Moni **Msc.** nearly complete
9. Kevin Mawira **MSc.** on going
10. Belinda Nasike **MSc.** on going
11. Peter K. Kiarie **Msc.** nearly complete
12. Bernard Mutua **MSc.** On going
13. Enoch N. Wambugu **BSc.**(Forensic science) complete
14. Maina I. Daisy **BSc.**(Forensic science) complete
15. Onyango Wilbroba **BSc.**(Forensic forensic) complete. etc
16. Wabai W. Yvone **BSc.**(Forensic) complete
17. Mugambi Gatwiri **BSc.** (Forensic) complete

Thesis examination

1. Mburu Dominic Thuku (I56/21458/12) M.Sc.
2. Ochola Celestine Anyango (I56/2856713) M.Sc.
3. Njeru Zephania Gitonga (I56/CE/22441/10) M.Sc.
4. Maoga Jane Bosibori (I56/28827/14) M.Sc.
5. Kibiwott Scholar (I56/28828/13) M.Sc.
6. Ileri Moses Munene (I56/CE/26169/2014) M.Sc.
7. Sawe Jemeli Dinah (I56/22195/11) M.Sc.
8. Audrey Chepkemoi (I56/27774/14) M.Sc.
9. Berrick moturi sieberi (I56/ce/26345/14) M.Sc.

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Referees

- 1. Prof. Ngeranwa Joseph N.**
Lecturer Department of Biochemistry and Biotechnology, Kenyatta University,
P.O. Box 43844 00100 Nairobi
- 2. Professor Nilesh Patel**
Chairman, Department of Medical Physiology University of Nairobi
P.O. Box 30197 00100 Nairobi
- 3. Dr Githinji Charles G.**
Lecturer Department of Medical Physiology University of Nairobi
P.O. Box 30197 00100 Nairobi

25 publications in peer reviewed Journals

1. Wabai W. Yvonne., **Mwonjoria J.K.M** and Ngeranwa J.J. (2019) Teratogenic Effects of *Carissa spinarum* Stem and Root Extracts in Swiss Albino Mice. Intern J. phytopharmacology
2. Siangu B. N, Swaleh S, **Mwonjoria K J** and Njue W. N. (2019) Antioxidant activity, total phenolic and flavonoids content of selected Kenyan medicinal plants, sea algae and medicinal wild mushrooms *African Journal of Pure and Applied Chemistry*, 13(3): 43-48. DOI: 10.5897/AJPAC2018.0775. ISSN: 1996 – 0840

3. Wabai W. Yvonne, **Mwonjoria J.K. Maina**, Njagi E. Mwaniki (2019) Teratogenic potential of *Urtica massaiica* (Mildbr.) and *Croton megalocarpus* (Hutch) in mice. *The Journal of Phytopharmacology* 7(6) 460-463. ISSN 2320-480X
4. Wambugu E.N., Maina G.D., Onyango W.A., Wafula A.W., Ngeranwa J.N. & **Mwonjoria J.K.M.** (2018) Antinociceptive and anti-inflammatory effects of flavonoids rich fraction of *Solanum incanum* (Lin) root extracts in mice. *The Journal of Phytopharmacology*, 2018;7(4):399-403
5. **Mwonjoria JK et al.** (2017) Poster presentation in the 13th International Meeting Society of Neuroscientists of Africa (SONA) in Entebbe Uganda.
6. **Mwonjoria, M.**, Juma, K. K., Ngugi, M. P., & Njagi, E. (2017) Evaluation of analgesic, anti-inflammatory and toxic effects of *Lantana camara* L. *International. J. Phytopharmacology*
7. **Mwonjoria JK et al.** (2016) Preclinical evaluation of antinociceptive and inflammatory effects of aqueous extract of *Solanum incanum* (Lin). Poster presentation at the 16th World congress of pain. *International Association for the Study of Pain*. in Yokohama, Japan
8. **Mwonjoria K. John**, Umar Aliyu, Juma K. Kevin, Kahiga M. Titus, Ngugi M. Piero, Mburu David, Wanyonyi W. Alphonse, Githinji G. Charles, Ngeranwa N. Joseph Anti-inflammatory activity of *Craterostigma pumilum* (hochst) is associated with hyperalgesia. *International Journal of Pharmacology and Toxicology* 4 (2):169-173
9. Kamau JK, Nthiga PM, **Mwonjoria JK**, Ngeranwa JJN, Ngugi MP (2016) Anti-Inflammatory Activity of Methanolic Leaf Extract of *Kigelia Africana* (Lam.) Benth and Stem Bark Extract of *Acacia Hockii* De Wild in Mice. *J Dev Drugs* 5: 156. doi:10.4172/2329-6631.1000156
10. Kamau, J. K., Nthiga, P. M., Safari, V. C., Njagi, S. M., **Mwonjoria, J. K.**, Ngugi, M. P., & Ngeranwa, J. (2016). Antipyretic Properties of Methanol Stem Bark Extracts of *Acacia hockii* De Wild and *Kigelia africana* (Lam) Benth in Wistar Rats. *Journal of Pharmacognosy & Natural Products*, 2:3. doi.org/10.4172/2472-0992.1000118. ISSN: 2472-0992.
11. Aliyu Umar, Ngugi M Piero, ... **Mwonjoria K John** (2016) In Vitro Anti-Acetylcholinesterase Activity of Crude Fruits Sap Extract of *Solanum incanum* in Green Peach Aphids *Journal of Developing Drugs*, 4 (5)1000142. ISSN: 2329-6631 JDD an open access journal.
12. Aliyu Umar, Ngugi M Piero, ... **Mwonjoria K John** (2016) Department of Biological Sciences, Bauchi State UBio Efficacy of Aqueous Crude Fruit Sap Extract of *Solanum incanum* against Green Peach Aphids *Myzus persicae* Sulzer (Homoptera: Aphididae) *Journal of Entomology, Ornithology & Herpetology*, 5(1). ISSN: 2161-0983 EOH
13. Mworria JK, Gitahi SM ... **Mwonjoria K. J et al.** (2015) Analgesic potential of acetone leaf extract of *Caesalpinia volkensii* Harms in mice *Pharmaceutica Analytica Acta*, 6:450. doi:10.4172/2153-2435.1000450
14. Mworria JK, Gitahi SM ... **Mwonjoria K.J et al.** (2015). Antinociceptive Activities of Acetone leaf Extracts of *Carissa Spinarum* in Mice. *Med Aromat Plants S, 1*, 2167-0412.
15. Njagi J M, Gitahi S M, Mwangi B M, Mworria J K, Juma K K, Aliyu Umar, **Mwonjoria K J**, Njoroge W Ann, Ngugi, M P & Njagi NE. 2015. Determination of hematological effects of methanolic Leaf Extract of *Vernonia lasiopus* Normal Mice. *Journal of blood and lymph* 5:3. Article under press
16. Muriithi, N. J., Maina, G. S., Mugendi, N. M., Maina, M. B., Kiambi, M. J., Kelvin, J. K., ... **Mwonjoria** (2015). Determination of Hematological Effects of Methanolic Leaf Extract of *S. incanum* in Normal Mice. *Pharmaceutica Analytica Acta*, 6:10. doi.org/10.4172/2153-2435.1000429
17. Mwangi B. Maina, Gitahi S. Maina, Njagi J. Muriithi, Mworria J. Kiambi, Aliyu Umar, **Mwonjoria K. John**, Ngure G. Mutero, Juma K. Kelvin, Njoroge W. Ann, Mburu N. David and Ngugi M. P. 2015.

Antinociceptive Properties of Dichloromethane:Methanolic Leaf Extracts of *Caesalpinia volkensii* and *Maytenus obscura* in Animal Models. *Journal of Pain Relief* 2015, 4:4

18. Mwangi B. Maina, Gitahi S. Maina, Njagi J. Muriithi, Mworio J. Kiambi, Aliyu Umar, Njoroge W. A., **Mwonjoria K. John**, Ngugi M. Piero, Mburu N. David. 2015. Anti-inflammatory properties of dichloromethane: methanolic leaf extracts of *caesalpinia volkensii* and *maytenus obscura* in animal models. *International J. of Current Pharmaceutical Research*. 7(15) 83-87.
19. Gitahi S.M., Juma K.K., Mwangi B.M., Njagi J.M., Mworio J.K., Aliyu U., **Mwonjoria K. J.**, Njoroge W.A., Mburu N.D., Ngugi M.P. 2015. Antinociceptive properties of dichloromethane: methanolic leaf and root bark extracts of *Carissa edulis* in rats. *The Journal of Phytopharmacology (Pharmacognosy & phytomedicine)*, 4(2): 106-112.
20. Gitahi S. M., Mwangi B. M., Njagi J. M., Mworio J. K., Juma K. K., Aliyu U., **Mwonjoria K. J.**, Njoroge W. A., Ngugi M. P., Mburu N. D. 2015. Antipyretic Properties of Dichloromethane: Methanolic Leaf and Root Bark Extracts of *Carissa edulis* in Rats. *Asian Journal of Biomedical and Pharmaceutical Sciences*, 5(43):12-20.
21. Juma K.K, Maina S.G., Muriithi J.N., Mwangi B.M., Mworio K.J., **Mwonjoria M.J.**, Ngeranwa J.N. and Mburu N.D. 2015. Protective effects of *Urtica dioica* and cimetidine® on liver function following acetaminophen induced hepatotoxicity in mice. *Journal of Developing Drugs*, 4 (1): 1-7.
22. **Mwonjoria J K et al.**, 2014. Suppression of nociception by *S. incanum* (lin) is associated with anti-inflammatory activity. *Journal of Phytopharmacology (Pharmacognosy & phytomedicine)* 3(3):156-162
23. **Mwonjoria john K et al.**, 2014. Ethno medicinal, phytochemical and pharmacological aspects of *S. incanum* (lin.) *Intern J. Phytopharmacol and Toxicology*. 2: 2
24. Kariuki HN and **Mwonjoria JK**, 2013. Ethnomedicinal, Phytochemical and pharmacological profile of genus *Toddalia*. *Phytopharmacology* 4(2): 259-268
25. **Mwonjoria JK et al.**, 2011. Antinociceptive, antipyretic effects of *S. incanum* in animal models. *International. J. Phytopharmacology* 2: 22-26