

## CURRICULUM VITAE

### **Personal particulars**

Name: Dr. Hussein Ali Osman  
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Current address: Umma University,  
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### **EDUCATIONAL BACKGROUND**

#### **UNIVERSITY EDUCATION**

- 2011- 2015: PhD, Medical Microbiology, Universiti Sains Malaysia  
PhD title: **Specific *Helicobacter pylori* virulence and host genetic susceptibility factors: The potential role in gastroduodenal diseases**
- 2006- 2008: Master of Medical Sciences (Medical Microbiology)  
International Islamic University Malaysia
- 1999-2003: Bachelor of Science (Microbiology)  
International University of Africa, Khartoum, Sudan
- 1998-1998: Arabic institute, International University of Africa, Khartoum, Sudan

#### **SECONDARY EDUCATION**

- 1991-1994: Kenya Certificate of Secondary Education (KCSE), Wajir High school

#### **PRIMARY EDUCATION**

- 1983-1990: Kenya Certificate of Primary Education , Senior Chief Adawa Primary

#### **WORKING EXPERIENCES**

- December 2015- to cuuent: Registrar Academic Affairs, Umma University
- September 2015- November 2015: Acting Registrar Academic Affairs, Umma University
- June 2015- to current: Lecturer, School of Nursing, Umma University
- August 2013- August 2015- Research fellow, Umma University
- 1<sup>st</sup> Oct 2008- July 2013: Deputy Registrar Academic Affairs, Proposed Umma University
- May 2003- Oct 2005 : Assistant social welfare officer Direct Aid International

## **LEADERSHIP POSITION**

September 2017- to current Member Quality assurance committee

December 2015- to current: Chairman Scholarship committee

December 2015 – to current: Member procurement committee

September 2015- to current: Chairman Disciplinary committee

## **FIELD OF RESEARCH**

Medical microbiology (Bacteriology) and Molecular biology

## **JOURNAL ARTICLE REVIEWER**

Academic Journal Article Reviewer for:

### **i) African Journal of Microbiology Research**

## **PUBLICATIONS**

1. **H. A. Osman.** Detection of *Helicobacter pylori* cagA and vacA genotypes from stool specimen among infected and asymptomatic healthy individuals East African Medical Journal Vol. 93 No. 6 June 2016
2. **Hussein Ali Osman,** Habsah Hasan, Rapeah Suppian, Saravanan Arjunan, Zilfalil BA. Genotyping of *Helicobacter pylori* cagA Gene from a Patient Who Failed Eradication Therapy: A Case Report and Review of the Literature. International Medical Journal, 2015, 22(2), 1 - 2
3. **Hussein Ali Osman,** Habsah Hasan, Rapeah Suppian, Syed Hassan, Dzulkarnaen Zakaria Andee, Noorizan Abdul Majid, Bin Alwi Zilfalil Prevalence of *Helicobacter pylori* cagA, babA2 and dupA Genotypes and Correlation with Clinical Outcome in Malaysian Patients with Dyspepsia. Turkey Journal of Medical sciences, 2015, 45(4): 940-946
4. **Hussein Ali Osman,** Habsah Hasan, Rapeah Suppian, Norhaniza Bahar, Nurzam Suhaila Che Hussin, Amry Abdul Rahim, Syed Hassan, Dzulkarnaen Zakaria Andee, Bin-Alwi Zilfalil. Evaluation of the Atlas *Helicobacter pylori* Stool Antigen Test for Diagnosis of Infection in Adult Patients. Asian Pacific Journal of Cancer Prevention, 2014, **15 (13)**, 5245-5247
5. **Hussein Ali Osman,** Habsah Hasan , Rapeah Suppian, Nor Aizal Che Hamzah, Sharifah Emilia Tuan Sharif, Noorizan Abdul Majid and Bin-Alwi Zilfalil. The Characteristics, *Helicobacter Pylori* and Clinical Outcomes of Patient with Upper Gastrointestinal Bleeding Admitted at Hospital Universiti Sains Malaysia. World applied science Journal, 2014, 32 (5): 747-751
6. **HusseinAli Osman,** Habsah Hasan, Rapeah Suppian, Nor Aizal Che Hamzah, Sharifah Emilia Tuan Sharif, Noorizan H A Majid, Bin Alwi Zilfalil. Characteristics and *Helicobacter pylori* distribution in upper gastrointestinal bleeding in elderly. Journal of Gastroenterology and Hepatology, 2013, Volume 28, Issue Supplement S3.

7. Amjad N, **Osman HA**, Razak NA, Kassian J, Din J, Bin Abdullah. Clinical significance of *Helicobacter pylori* cagA and iceA genotypes status. Baishideng, World Journal of Gastroenterology, 2010, 16(35) 4443-4447.

## PRESENTATION AT CONFERENCES

### Oral presentation

1. **Hussein Ali Osman**, Habsah Hasan, Rapeah Suppian, Saravanan Arjunan, Amry AR, and Zilfalil BA. Prevalence of *Helicobacter pylori* cagA EPIYA motifs, ethnicity and clinical outcome in dyspeptic patients. GUT 2014 - Malaysian Society of Gastroenterology and Hepatology's Annual Scientific Meeting 22nd – 24th August 2014, Shangri-La Hotel, Kuala Lumpur
2. **Osman HA**, Habsah H, Rapeah S, Saravanan A, Nurzam SCH, Amry AR, S. Hassan, Andee DZ and Zilfalil BA. Association between *Helicobacter pylori* cagA gene and clinical outcome. 5th National Conference on Infectious Diseases (NCID). Renaissance Hotel, Kota Bharu, Kelantan, 25-26th August 2014
3. **AO, Hussein**, H Habsah, R Suppian, NA Che Hamzah, AR Amry, S Hassan, TS Sharifah Emilia and BA Zilfalil. Frequency of *Helicobacter pylori* in upper gastrointestinal bleeding patients in Hospital Universiti Sains Malaysia. Presentation at International Conference on Medical and Health Sciences (ICMHS)- 18th NCMHS-MSHG-12th ASMCPATH, 22-24 May 2013, Kota Bharu, Kelantan, Malaysia.

### Poster presentation

1. **Hussein Ali Osman**, Habsah Hasan, Rapeah Suppian, Amry Abdul Rahim, Syed Hassan, Dzulkarnaen Zakaria Andee, Noorizan Abdul Majid and Zilfalil BA. Diversity of *Helicobacter pylori* cagA EPIYA motifs in different ethnic groups. Human Genome Meeting 2015. 14 – 17 March 2015, Kuala Lumpur Convention Centre, Malaysia
2. **HA Osman**, H Hasan, R Suppian, S Arjunan, SCH Nurzam, AR Amry, S Hassan, DZ Andee, HA Noorizan and BA Zilfalil. Distribution of *Helicobacter pylori* virulence genes in Malaysia. 15th Asia-Pacific Congress of Clinical Microbiology and Infection (15th APCCMI) Kuala Lumpur, Malaysia on the 26th - 29th November 2014.
3. **Hussein Ali Osman**, Habsah Hasan, Rapeah Suppian, Saravanan Arjunan, Amry Abdul Rahim, Syed Hassan, Dzulkarnaen Zakaria Andee, Noorizan Abdul Majid and Bin- Alwi Zilfalil. Prevalence and endoscopic finding of *Helicobacter pylori* infection in dyspeptic patients. 19<sup>th</sup> National conference on medical and health sciences, 7-8<sup>th</sup> September 2014, school of dental sciences, Kubang Kerian, Kelantan.
4. **Hussein Ali Osman**, Habsah Hasan, Rapeah Suppian, Shashi Kumar Menon, Norhaniza binti Bahar, Nurzam SCH and BA Zilfalil. Diagnosis of *Helicobacter pylori* Infection by new stool antigen test in dyspeptic patients. International Congress of the Malaysian Society for Microbiology 2013 (ICMSM2013), 12-15 December 2013 Langkawi Lagoon Resort, Malaysia.

## PROFESSIONAL MEMBERSHIP

1. Member, Malaysian society for microbiology
2. Member, Malaysian Society of Gastroenterology and Hepatology

## **AWARDS**

- 1- Islamic development Bank PhD merit scholarship- PnD, 2011-2015
- 2- Malaysian Technical Cooperation Programme- Master 2006-2008

## **TRAINING AND WORKSHOPS EXPERIENCES**

- 19<sup>th</sup>- 22<sup>nd</sup> January 2018: International training workshop for strengthening research capacity for the Eastern Africa Universities.
- 28-29<sup>th</sup> November 2016: Training course in Curriculum Development, Review and mainstreaming of National Cohesion & integration studies in University Academic programmes
- 23-25<sup>th</sup> November 2016: ISO 9000 Workshop for Universities, Naivasha
- 9-11<sup>th</sup> March 2016: Internal Quality Auditing course ISO 9001:2015, Naivasha
- 10-12<sup>th</sup> February 2016: Course of quality Management system on ISO 9001:2008 organized by Kenya Bureau of standards
- 18-20<sup>th</sup> December 2015: workshop on Enhancing Research and Publications for Islamic Universities In Eastern Africa
- July 29<sup>th</sup> – 2<sup>nd</sup> August, 2015: workshop on Financing higher education in Africa IUIU Kampala
- 23-24<sup>th</sup> May 2015: Faciliator Umma students' council training workshop
- 21-22 September 2014: Scientific writing workshop, Human Genome Center Universiti Sains Malaysia
- 24<sup>th</sup>-28<sup>th</sup> August 2014: Affymetrix SNP 6.0- Copy Number Assay Training Human Genome Center, Universiti Sains Malaysia
- 28<sup>th</sup> -30<sup>th</sup> April 2014: 4<sup>th</sup> Basic STATA Workshop on Statistical Methods in Medical and Health Sciences research, Unit of Bisostatistics & research methodology, Universiti Sains Malaysia
- 1<sup>st</sup> -9<sup>th</sup> July 2013: Introductory Bioinformatics workshop Perdana University, Malaysia
- 8<sup>th</sup> -12<sup>th</sup> July 2012: Basic statistic and research methodology workshop Universiti Sains Malaysia
- 10<sup>th</sup> December 2011: Occupational safety and health course Occupational safety and health committee of USM
- 18<sup>th</sup> -20<sup>th</sup> October 2011: Workshop on DNA microarray application Human Genome centre, school of medical sciences, Univeriti Sains Malaysia (USM)

- 19<sup>th</sup> Nov- 19<sup>th</sup> Dec 2008: A Certificate course in HIV/AIDS Management  
East Africa Institute of Certified Studies, Nairobi
- 29<sup>th</sup> – 30<sup>th</sup> April 2008: Workshop on “Animal Cell culture” (IIUM)
- 28<sup>th</sup> -30<sup>th</sup> August 2007: 3<sup>rd</sup> National Workshop on Scientific Writing  
Universiti Sains Malaysia (USM)
- 20<sup>th</sup> Nov 2006 – 25<sup>th</sup> May 2007: Training Attachment Hospital Tengku Ampuan  
Afzan, 25200 Kuantan, Pahang, Malaysia
- 10<sup>th</sup> April 2007: Seminar on Professional Research Skill (IIUM)
- 27- 29<sup>th</sup> March 2007: Workshop on Basic Molecular TechniqueUKM Medical  
Molecular Biology Institute (UMBI)
- 30<sup>th</sup> Nov 2006: Seminar on Genetic and Molecular Research (IIUM)
- 12- 13 Sept 2006: IIUM SPSS Workshop for Medical Researcher  
(Advanced)
- 4- 6<sup>th</sup> Sept 2006: IIUM SPSS Workshop for Medical Researcher (Basic)
- 7-9<sup>th</sup> August 2006: Vysis Genosensor™ Microarray 300 & PSS fully  
automated DNA/RNA extraction system workshop
- 6- 7<sup>th</sup> May 2006: Two day training programme on leadership & planing
- 2-01-2003- 3-2-2003: Training at the university of Khartoum, Soba  
University hospital in the department of Microbiology.
- Nov 14-30-2002: Training at Federal ministry of health in the  
Department of Microbiology.
- January –March 2002: Training in computer course at Wamy
- 12-11-2001-12-12-2001: Training in First aid to community  
Sudanese Red Crescent Society

### **CO- CURRICULUM ACTIVITIES**

- Nov 2006- Dec 2007: Chairman, Postgraduate students society (PGSS)  
Kulliyah of medicine, IIUM, Malaysia.
- Jan 2001- Jan 2002: Chairman, Kenya student union (KESU), International  
University of Africa (UIA), Khartoum, Sudan.

## **REFEREES**

Prof. Dr. Habsah Hasan  
Senior lecturer  
Department of medical microbiology and parasitology  
School of Medical Sciences, Universiti Sains Malaysia  
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