

**National Centre for Disease Control**

**University of Tripoli**

**Curriculum Vitae**

**Professor Omar R. Elahmer**



**Name :** Omar Ramadan Elahmer

**Date of Birth:** 12/01/1961

**Marital status:** Married

**Address:** Bab Ben Ghashir St.

**Phone :** 0021891-3753515

**E. mail:** [oelahmer@yahoo.co.uk](mailto:oelahmer@yahoo.co.uk)

### **Education and Qualification**

**Oct. 1993–Oct. 1997:** PhD from Edinburgh University , Medical School, Department of Medical Microbiology, Thesis title '**Virus infection as predisposing factor for bacterial colonisation**' Supervisors Dr C.C. Blackwell (Infection & Immunity); Dr M.M. Ogilvie (Virologist).

**Dec. 1979-Jan. 1983:** BSc in Medical Laboratory Technology from the Higher Institute of Technology, Department of Medical Laboratory, Brack-Libya.

### **Career and Work Experiences**

- Apr. 2015** Promoted to Professorship “Faculty of Medical Technology”, Tripoli University, Libya
- Jun 2013-present** Appointed IHR National focal point for Libya
- July 2012** Appointed by American Society for Microbiology (ASM) as ASM Ambassador to Libya
- May 2012** Promoted to Associate Professor Faculty of Medical Technology, Tripoli University, Libya
- Jan 2011- present** Director of Public Health Laboratories Department, National Centre for Disease Control
- Feb. 2007** Promoted to Assistant Professor “Faculty of Medical Technology”, Tripoli University, Libya

- Apr. 2004 – present** Head of Reference Laboratory for Disease Control, National Centre for Disease Control
- Apr. 2002- May 2004** Head of the Clinical Diagnostic and blood bank laboratories of Trauma and Advanced Surgeries Hospital, Abo Salim Tripoli-Libya
- Sep. 1999 - Feb 2002** Post - Doc. At Medical School-Edinburgh University, Department of Infection & Immunity, grant by the Wellcome Trust on a project titled: "Effects of antibiotics selection on virulence properties of *Moraxella Catarrhalis*"
- Sep. 1999** Lecturer at the Faculty of Medical Technology, University of Tripoli, Libya
- Oct. 1993- Dec 1997** Postgraduate studies Medical Microbiology Department, University of Edinburgh
- Mar. 1983- Apr 1993** Working as Medical laboratory technologist in Children's Hospital Laboratory, Tripoli-Libya
- Aug. 1982- Oct 1982** Training course in medical laboratory science held at the department of pathology, Royal Sussex County Hospital, Brighton- UK

### **Current Position Duties and Responsibilities and Achievements**

As director of the Public Health Reference Laboratory (PHRL) at NCDC, my duties and responsibilities were laboratory management building capacities; role in specification of the laboratory equipment to enhance detection capacities, training of laboratory personal and secure reagent supply and stock.

Communication with WHO country office and EMRO in various activities and assessment missions; activation of National Influenza Centre, strengthening laboratory capacities according to IHR requirement, external quality assessment, Biorisk management, sequencing capabilities and other accomplished activities:

- Recognition of PHRL as NIC involving in seasonal influenza surveillance
- Participation in WHO External Quality Assessment program and recently for COVID-19.
- Main core of COVID-19 testing capabilities during the pandemic and role in country COVID-19 laboratories diagnostic planning and utilizing the available capacities in other sectors to expand diagnostic sites.
- Working closely with surveillance rapid response teams
- Building communication with other national health laboratories related to IHR capacities to exchange information and notification.

## **International Health Regulation (2005) Joint External Evaluation (JEE), 08-15 July 2018**

As National Focal point of International Health Regulation (2005), I supervise the process of conducting the Joint external evaluation (JEE) in very challengeable situation as country in crisis to monitoring and evaluation the IHR core capacities. A national action plan for health security (NAPHS) was developed.

### **Training courses & Workshops**

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|-------------------------|---|
| <b>16- Feb. 2023</b>    | International Civil Aviation Organization (ICAO) Aviation Medicine Workshop, organized by International Civil Aviation Organization (ICAO), Manama- Bahrain   |
| <b>20-22 Sep. 2022</b>  | Specimen and Pathogens Inventory Management, Consolidation, and Safe handling Training Workshop, organized by GHD-EMPHNET, Tunis, Tunisia   |
| <b>27-30 Jun. 2022</b>  | Sub-Regional Training on the capacities of the International Health Regulations (2005) at Points of Entry: Assessment and Planning in Fragile Setting, organized by WHO EMRO, Muscat-Oman                   |
| <b>08-11 Nov. 2021</b>  | Workshop on Cross Border Collaboration and Capacity Building at Libyan and Tunisian Point of Entry, organized by IOM, Tunis, Tunisia  |
| <b>16-20 April 2018</b> | Regional Biosafety Training course for the containments of Influenza and other Infectious Diseases of International Concern in Eastern Mediterranean Region, , organized by WHO EMRO, Casablanca , Morocco. |
| <b>16-18 Oct. 2017</b>  | Joint External Evaluation (JEE) of IHR Capacities In Crisis Countries: Training for National Support Networks, Beirut, Lebanon.   |
| <b>21-23 Sep. 2017</b>  | Training of Surveillance Officers on Early Warning Alert and Response Network. EU/Libya Health System Strengthening Project 2, organized by WHO Libya office, Tunis   |
| <b>18-20 Sep. 2017</b>  | Training of Surveillance Officers on Early Warning Alert and Response Network. EU/Libya Health System Strengthening Project 2, organized by WHO Libya office, Tunis   |
| <b>15-18 May 2017</b>   | Laboratory Design, Security, and Management Workshop at Brookhaven National Laboratory (BNL) in Upton NY  |

- 09-12 May 2017** Workshop on Assessment of the Health Information System-Libya. EU/Libya Health System Strengthening Project 2, organized by WHO Libya office, Tunis
- 30 Apr-04May2017** Train-The-Trainers, workshop for technical assessors of health laboratories organized by WHO EMRO, Amman, Jordan
- 13-16 Nov. 2016** Libya National Training on Laboratory Quality management, organized by WHO EMRO, Tunis, Tunisia
- 26-28 July 2017** Polio Outbreak Simulation Exercise (POSE) organized by WHO Libya Country Office. Tunis
- 26-28 Sep. 2016** Libyan American Chemical Security Dialogue, supported by the US State Department, Chemical Security Program, organized by CRDF Global, Tunis, Tunisia
- 18-21 Oct. 2016** Workshop on the New AFP Surveillance Standard Operation Procedures (SOP's) and Polio outbreak simulation exercise (POSE)-Libya, organized by WHO EMRO, Tunis, Tunisia
- 17-21 July 2016** Workshop on Outbreak Management, Response and Waste Management Addressing Priorities for Health Security Systems Strengthening in Libya. Organized by George Washington University. Kuala Lumpur, Malaysia.
- 24-28 July 2016** Training workshop on Biorisk management (BRM) Libya Trainer Development Program (TDP). Organized by U.S. Sandia National Laboratories. Kuala Lumpur, Malaysia.
- 16-18 Dec. 2015** Workshop for Health Care official of Libya on Early Warning Alert and Response System. Organized by WHO Libya Office. Tunis, Tunisia
- 28-31 July 2015** MENA III Twinning workshop: in cooperation with the US Department of State (DOS), Sandia National Laboratories (operated by Sandia Corporation), held in Amman, Jordan.
- 16-18 Mar. 2015** Emergency workshop to enhance capacities at point of entry for preparedness and response to Ebola Virus Disease. Organized by WHO Regional Office for the Eastern Mediterranean, EMR. Tunis, Tunisia
- 8-10 Dec. 2014** Implementing Consolidated Ebola Virus Disease Preparedness Checklist Workshop. Organized by WHO Regional Office for the Eastern Mediterranean, EMR. Zarzis-Tunis
- 24-29 Aug. 2014** Infectious Substances Shipping Training (ISST) Workshop, Geneva – Swaziland

- 15-18 Dec. 2013** Advanced Biorisk Assessment Workshop “BioRAM software”, organized by Sandia National Laboratories. Antalya-Turkey
- 21-31 Oct. 2013** WHO Biorisk Management Advanced Trainer Programme (BRM-ATP III), Amman-Jordan. Organized by WHO Headquarter Office, Geneva – Swaziland
- 5-7 Dec. 2012** 1<sup>st</sup> EpiSouth plus project meeting for the laboratory focal points of the Mediterranean Regional Laboratory Network (MRLN) which will held in Rome-Italy
- 10-15 Nov. 2012** Seventh TEPHINET Global Scientific Conference, Amman-Jordan
- 7-9 Oct. 2012** Easter Mediterranean Regional Workshop on Strengthening Health Laboratory Quality Systems, Amman-Jordan
- 25-28 Mar. 2011** Joint PulseNet-Middle East (PN-ME) and Global Foodborne Infections Network (GFN) Training Workshop, Amman-Jordan
- 28 Nov-02 Dec. 2011** WHO-EU Bi-Regional Training Workshops on Laboratory Biorisk Management and Shipping of Infectious Substances for Influenza Laboratories, Maldives
- 02-04 Feb. 2010** Africa Regional Workshop on Biosafety and Biosecurity, organized by Republic of Kenya and the United States of America in cooperation with the UN Office for Disarmament Affairs Nairobi, Kenya
- 10-24 Oct. 2009** Avian influenza and Newcastle disease diagnostic and research training, at Southeast Poultry Research Laboratory, Athens Georgia-USA
- 21-28 Jun. 2009** Inter-country Training Workshop on the use of Virus Culture and Haemagglutination for Isolation and Typing of Seasonal Influenza Virus, organised by WHO Regional Office for the Eastern Mediterranean, EMR CSR Surveillance Forecasting & Response, at Navy Medical Research Unit-3 (NAMRU-3), Cairo-Egypt
- 08-11 Jun. 2009** Inter-country training workshop for strengthening regional capacity of influenza laboratory surveillance, preparedness and response, organised by WHO Regional Office for the Eastern Mediterranean, EMR CSR Surveillance Forecasting & Response. Damascus, Syrian Arab Republic
- 27-29 May 2009** Influenza (H1N1) Molecular Diagnosis Training Material, organised by WHO Regional Office for the Eastern Mediterranean, EMR CSR Surveillance Forecasting &

- Response, at Navy Medical Research Unit-3 (NAMRU-3), Cairo-Egypt
- 08-19 Mar. 2009** Integrated Public Health Training Workshop, organised by Navy Medical Research Unit-3 (NAMRU-3), Cairo-Egypt
- 24-27 Nov. 2008** Intercountry meeting on the progress of EMR member states towards implementation of international health regulations IHR 2005 – assessment of needs, organised by WHO Regional Office for the Eastern Mediterranean, EMR CSR Surveillance Forecasting & Response, Aleppo – Syrian Arab Republic
- 23-25 Jan. 2007** Avian Influenza Workshop organised by the U.S. Department of Health and Human Services (HHS) - Office of Global Health Affairs (OGHA) and Center of Diseases Control (CDC–USA), Nairobi-Kenya
- Aug. 2006** Training course on Diagnosis of Avian Influenza Virus at Navy Medical Research Unit-3 (NAMRU-3), Cairo-Egypt
- Oct. 2004** Training course on application of Cy-Flow counter for measurement of CD4 & CD8 at Partec training centre.Munster-Germany
- Apr 1996** Course on Radiation safety organised by the Radiation Protection Service, University of Edinburgh-Scotland
- Apr. 1995** Training course entitled “An Introduction to cell culture methods” at European Collection of Animal Cell Cultures, Centre for Applied Microbiology & Research, Salisbury, Wiltshire-UK
- Jan. 1995** Training course on Flow Cytometry principles “Epics XL” organised by the Coulter Electronics Limited Company, Coulter Education Centre group, Held at Department of Medical Microbiology, University of Edinburgh-Scotland
- Oct. 1993** Course on biostatistics organised by the Department of Public Health Science, University of Edinburgh

### **Meetings & Conferences**

- 14-15 Feb. 2023** Joint ICAO Europe and North Atlantic and Middle East Regional Offices Tenth Meeting of the Collaborative Arrangement for the Prevention and Management of Public Health Events in Civil Aviation, organized by International Civil Aviation Organization (ICAO), Manama-Bahrain

- 20-22 Dec. 2022** Meeting on Prioritizing Biological Agents for Laboratory Biosecurity, organized by Health Security Partners, Tunis-Tunisia
- 27-29 Mar. 2022** Ninth Regional Stakeholders Meeting to Review the Implementation of the International Health Regulations (IHR) – 2005 Organized by WHO EMRO, Cairo, Egypt
- 04-06 Dec. 2019** Eighth Regional Stakeholders Meeting to Review the Implementation of the International Health Regulations (IHR) – 2005 Organized by WHO EMRO, Cairo, Egypt
- 18-20 Dec. 2018** Seventh Regional Stakeholders Meeting to Review the Implementation of the International Health Regulations (IHR) – 2005 Organized by WHO EMRO, Kuwait city, Kuwait
- 11-13 Dec. 2018** Surplus Chemical and Waste Management in North African Laboratories, Organized by US Pacific Northwest National Laboratory, Kuala Lumpur, Malaysia
- 05-07 Dec. 2018** Meeting in the implementation of joint external Evaluations in Special context countries, Organized by WHO headquarters, Geneva, Switzerland
- 20-22 Nov. 2018** BI-Regional Meeting to strengthen Cross Border Collaboration of Sudan with neighboring countries, Khartoum, Sudan
- 04-05 Oct. 2018** 9<sup>th</sup> MENA Influenza Stakeholders Networks Meeting, organized by Fondation Merieux, Copenhagen, Denmark
- 10-11 April 2018** 8<sup>th</sup> MENA Influenza Stakeholders Networks Meeting, organized by Fondation Merieux, Cairo, Egypt
- 26-29 Mar. 2018** Sixth EMPHNET Regional Conference, Amman, Jordan
- 13-15 Feb. 2018** Regional Workshop on the Coordination and Capacity Building of the PulseNet Middle East Laboratory Network, in Muscat, Oman, Organized by WHO EMRO
- 11-14 Dec. 2017** First scientific conference on acute respiratory infections in Eastern Mediterranean Region, Fourth Meeting of the Eastern Mediterranean Acute Respiratory Infection Surveillance (EMRAIS) Network. Organized by WHO EMRO, Amman, Jordan
- 05-07 Dec. 2017** Sixth Stakeholders Meeting to Review the Implementation of the International Health Regulations (IHR) – 2005 Organized by WHO EMRO, Amman, Jordan



- 27 Nov.-02 Dec. 2017** Strengthening Disease Early Warning Alert and Response System (EWARS) in Libya. Supported by EU funded Projects. Tunis, Tunisia
- 10-13 Sep. 2017** 6<sup>th</sup> European Scientific Working group on Influenza Conference. Riga, Latvia
- 09-10 Sep. 2017** 7<sup>th</sup> MENA Influenza Stakeholders Networks Meeting, organized by Fondation Merieux, Riga, Latvia
- 22-23 Aug. 2017** Regional Consultative Meeting on Emerging and Dangerous Pathogens Laboratory Network (EDPLN). Organized by WHO EMRO, Cairo, Egypt
- 10-12 July 2017** Review Meeting on WHO work on Emergencies in Libya, Health Emergencies Department, Libya Country office, Tunis
- 04-06 July** MediLabSecure Regional Meeting and Technical Workshop on Public Health, Institute Pasteur, Tunis
- 31 Oct.-03 Nov. 2016** Second Inter-country Meeting of the Directors of Public Health Laboratories in Eastern Mediterranean Region, organized by WHO EMRO, Muscat, Oman
- 6-8 Oct. 2016** 3<sup>rd</sup> Qatar Internal Medicine Conference, Doha – Qatar
- 10-11 Oct. 2016** Libya Humanitarian needs overview (HNO) and Humanitarian Response planning workshop. Tunis
- 20-22 Sep. 2016** Fifth Regional Stakeholders Meeting on the International Health Regulations IHR; in the Regional Office for the Eastern Mediterranean, Cairo, Egypt.
- 8-9 May 2015** 2<sup>nd</sup> Meeting of collaboration between NCDC and U.S, Milken Institute School of Public Health, George Washington University on Libya's current capacities towards IHR 2005 Implementation. Istanbul, Turkey
- 24-27 Feb. 2015** Inter-country Meeting of the Directors of Public Health Laboratories in Eastern Mediterranean Region. Tunisia
- 4-5 Feb. 2015** Third Regional Stakeholders Meeting to Review the Implementation of the International Health Regulations (IHR) – 2005 with Focus on Ebola - 4-5 February 2015- Tunisia
- 22-23 Oct. 2014** 1<sup>st</sup> Meeting of collaboration between NCDC and U.S, Milken Institute School of Public Health, George Washington University on a project focused on in-depth analysis and systems review that identifies specific strengths and gaps in the implementation of the IHR 2005 in Libya. Tunis, Tunisia

- 20-22 Jun 2013** Inter-country Meeting on Middle East Respiratory Syndrome Coronavirus (MERS-CoV) Outbreak in the Eastern Mediterranean Region, Cairo-Egypt
- 10-11 Oct. 2012** Easter Mediterranean Regional Review Meeting of the Microbiology External Quality Assessment (EQA) Programme, Amman-Jordan
- 16-19 Jun 2012** 112th ASM General Meeting, San Francisco, California, USA
- 29 Mar 2012** 6<sup>th</sup> PulseNet-Middle East Consultation Meeting, Amman – Jordan
- 10-14 Sep 2010** 50<sup>th</sup> annual Interscience Conference on Antimicrobial agents and Chemotherapy (ICAAC), organised American Society for Microbiology Boston, MA-USA
- 21-24 Feb. 2010** American Society for Microbiology Bio-Defense and Emerging Diseases Research Meeting, Baltimore, MD-USA
- 25-28 Dec 2008** Joint meeting of American Society for Microbiology and Infectious Diseases Society of America (48th Annual ICAAC/ 46th Annual IDSA), Washington, USA
- 13-15 Aug. 2008** CDC international influenza surveillance partners meeting, Cairo-Egypt
- 09-10 Dec. 2007** Second annual consultation meeting for Pulse-Net, organised by WHO Regional office for the Eastern Mediterranean, EMR CSR surveillance forecasting & response, Cairo-Egypt
- 23-26 Apr. 2007** Inter-country meeting on maintaining surveillance and response for public health emergencies of international concern, organised by WHO Regional office for the Eastern Mediterranean, EMR CSR surveillance forecasting & response, Tunis-Tunisia

### **Laboratory Surveys**

Managing and supervising the laboratory the following surveys:

**2004-2005** National Prevalence of HBV, HCV and HIV for the total of 65710 samples collected from all over Libya

**2006** Managing and supervising the laboratory part of the National Prevalence of HBV, HCV and HIV in rehabilitation centres in Tripoli

**2008** Detection of MRSA among healthcare workers in Libyan hospitals

**2012** Multidrug Resistant Bacteria in Wounds of Fighters of the Libyan Uprising

## Laboratory Skills

Immunofluorescence techniques, ELISA, Flow cytometry, Tissue culture, Virus isolation, Haemagglutination inhibition, Immunodiagnosis of different viral and parasitic infections including hepatitis, HIV, Toxoplasma, SDS Gel electrophoresis techniques, HCV Genotyping, Rotavirus Genotyping, PCR, Host cell receptor detections, Microscopic diagnosis of the various parasitic infections in stool and urine and sputum, Microbiological techniques, Pulse Field Gel Electrophoresis, Real-Time PCR.

## Scientific Memberships

- Member of pandemic containment committee
- Member of the American Society for Microbiology (ASM)
- Member of European Society of Clinical Microbiology and Infectious Diseases
- Member of scientific committee for Public Health Laboratories at The National Centre for Disease Control.
- Member of International Health Regulation (IHR) committee
- Member of scientific committee for Acquired Human Immunodeficiency Virus (HIV) and Viral Hepatitis.

## Publications

Silvia Fillo, Francesco Giordani, Anella Monte , Giovanni Faggioni , Riccardo De Santis , Nino D'Amore , Stefano Palomba , Taher Hamdani , Kamel Taloa , Atef Belkhir Jumaa , Siraj Bitrou , Ahmed Alaruusi , Wadie Mad , Abdulaziz Zorgani , Omar Elahmer , Badereddin Annajr , Abdalla Bashein and Florigio Lista. Genomic Characterization and Phylogenetic Analysis of SARS-CoV-2 in Libya, *Microbiol. Res.* 2021, 12,138–149.

Suleiman Abusrewil, Abdulrahman Algeer, Alanoud Aljifri, Fatima Al Slail,<sup>3</sup>Melissa K. Andrew, Mohamed Awad Tag Eldin, Salah Al Awaidy, Nissaf Ben Alaya, Jalila Ben Khelil, Ghassan Dbaibo, Fawzi Derrar, Omar Elahmer, Nada Ghosn, Guelsah Gabriel, Cindy Grasso, Mohamed Hassan, Siddhivinayak Hirve, Yusuf Kamal Mirza, Yousef Moh'd Rateb, Jalal Nourlil, Marta C. Nunes, Idris Omaima, Oliver Ombeva Malande, Mitra Saadatian- Elahi, Valentina Sanchez- Picot, Malik Sk. Mamunur Rahman, Hesham Tarraf, and Sibongile Walaza. Influenza surveillance in Middle East, North, East and South Africa: Report of the 8th MENA Influenza Stakeholders Network. *Influenza Other Respir Viruses.* 2019 May; 13(3): 298–304

Salah Al Awaidi, Suleiman Abusrewil , Muslim AbuHasan , Meral Akcay , Fatma N B Aksakal<sup>5</sup>, Uzma Bashir , Omar Elahmer , Abdoulreza Esteghamati , Milad Gahwagi , Yusuf K Mirza , Cindy Grasso , George Kassianos , Moulud Khris , Masoud Mardani , Helena Maltezou , Jalal Nourlil, Hicham Oumzil , Ab Osterhaus , Valentina Picot , Tamer Pehlivan , Mitra Saadatian-Elahi , İlham Tali , Hesham Tarraf , Baris Ugur , Hassan Zaraket. Influenza vaccination situation in Middle-East and North Africa countries: Report of the 7th MENA Influenza Stakeholders Network (MENA-ISN). *Journal of Infection and Public Health,* 2018 Nov-Dec;11(6):845-850

Dalia Samhouri, Peggy Hanna, Omar Elahmer, Badereddin Annajar, Jaffar Hussain. Joint external evaluation of implementation of the International Health Regulations (2005) in Libya: a bridge to safeguard nationals. WHO weekly epidemiological record, No 43, Oct. 2018

Abdulaziz Zorgani, Omar Elahmer, Emad Mohareb, Moustafa Abdelfadeel, Sameh Safwat, Salma Afifi, Abdulhafid Abudher, Mohamed Semo, Baderdin Annajar. Sero-survey for selected infectious disease agents causing acute illness (AFI) and acute infectious neurological disease (AIND), Libya 2007. (submitted for publication)

Abdel-Naser Elzouki, Salah M Bashir, Omar Elahmer, Islam Elzouki, Fathi Alkhattali. Prevalence and risk factors hepatitis D virus infection in patients with chronic hepatitis B infection attending the three main tertiary hospitals in Libya. Arab Journal of Gastroenterology. Vol. 18, issue 4: 2017

Zorgani A, Daw H, Sufya N, Bashein A, Elahmer O, Chouchani C. Co-Occurrence of Plasmid-Mediated AmpC B-Lactamase Activity Among Klebsiella pneumonia and Escherichia Coli. Open Micobiol J, 11:195-202, 2017

Kraiem AG, Zorgani A, Elahmer O, Elsalabi AA, Ghenghesh KS. Carpenem-resistant bacilli in Tripoli, Libya. Am J Infect Control, 1:44 (10) 1192-1194, 2016

Abdulaziz Abdulhafid Zorgani, Omar Elahmer, Ahmed Abaid, Ahlam Elaref, Samira Elamri, Eziddin Aghila, Abdullatif Tubbal. Vancomycin susceptibility trends of methicillin-resistant Staphylococcus aureus isolated from burn wounds: a time for action. The Journal of Infection in Developing Countries. Vol 9, No 11: November 2015

Abdulmajeed Kraiem, Abdulazziz Zorgani, Omar Elahmer, Adnene hammami, Basma Chaaben. New Delhi metallo-b-lactamase and OXA-48 carbapenemases in Gram negative bacilli isolates in Libya. Libyan J Med 2015, Vol (10) , 19 August 2015

Abdul-Naser Elzouki, Salwa M. Elgamay, Abdulazziz Zorgani, Omar Elahmer. Hepatitis B and C status among health care workers in the five main hospitals in Eastern Libya. Journal of Infection and Public Health. 2014 Nov-Dec;7(6):534-41.

Abdul-Naser Elzouki, Mohamed-Najeb Esmeo, Mohamed Sammud, Omar Elahmer, Mohamed Daw, Abdelrahman Furarah, Abdulhafed Abudher, Mostafa K. Mohamed. Prevalence of hepatitis B and C virus infections and its related risk factors in Libya: A national seroepidemiologic survey: Eastern Mediterranean Health Journal, 2013; 19 (7) : 589-599

Hisham Ziglam, Mabrouk El-Hattab, Noura Shingheer, Abdulazziz Zorgani, Omar Elahmer. Hepatitis B vaccination status among healthcare workers in a tertiary care hospital in Tripoli, Libya. Journal of Infection and Public Health (2013) 6, 246-251

Hisham Ziglam, Omar Elahmer, Samira Amri, Fatima Shareef, Ali Grera, Mohamed Labeeb, Abdulazziz Zorgani. Antimicrobial resistance patterns among Acinetobacter baumannii isolated from burn intensive care unit in Tripoli, Libya. The International Arabic Journal of Antimicrobial Agents, Vol. 2, No.3, 2012

Hisham Ziglam, Abdel-Aziz Zorgani, Ahmed Balouz, Abdel Hafidh Abudher, Omar Elahmer. Prevalence of antibodies to human immunodeficiency virus, hepatitis B, and hepatitis C in prisoners in Libya. *Libyan Journal of Medicine*, Vol. 7, 2012

Abdulazziz Zorgani, Omar Elahmer, Hisham Ziglam, Khalifa Sifaw Ghenghesh. *In-vitro* Activity of Tigecycline against Methicillin-Resistant *Staphylococcus aureus* (MRSA) Isolated from Wounds of Burn Patients in Tripoli-Libya *J Microbiol Infect Dis* 2012; 2(3): 109-112

Ezzadin A. Franka, Mohamed Khaled Shembesh, Abdalbasut Alhadi Zaied, Einass El-Turki, and Abdulazziz Zorgani, Omar R. Elahmer, Khalifa Sifaw Ghenghesh. Multidrug Resistant Bacteria in Wounds of Fighters of the Libyan Uprising. *Journal of Infection*, 2012 Sep. P279-281

Rasha Nouri kalaf, Omar Elahmer, Abdulaziz Zorgani, Khalifa Sifaw Ghenghesh. Rotavirus in children with diarrhea in Tripoli, Libya. *Libyan Journal of Medicine* 2011; 6:6041

Abdulazziz Zorgani, Omar Elahmer, Ezzadin A. Franka, Ali Grera, Abdulhafed Abudher, Khalifa Sifaw Ghenghesh. Detection of MRSA among healthcare workers in Libyan hospitals. *Journal of Hospital Infection*. 2009: 1-3

Fawzi Nasser, Abdunnabi Rayes, Omar Elahmer. Cryptococcal Meningitis in AIDS patients: A report on 4 cases. 2<sup>nd</sup> Infectious & Endemic Diseases Scientific Conference 2009 May P37-38

Abdualla M. Albakosk, Abdunnabi Rayes, Omar Elahmer, Tarek A. Elazzabi. Occult hepatitis B infection in HIV-infected patients. 2<sup>nd</sup> Infectious & Endemic Diseases Scientific Conference 2009 May P39-40

Abdualla M. Albakosk, Abdunnabi Rayes, Omar Elahmer. Occult HBV infection in blood donors. 2<sup>nd</sup> Infectious & Endemic Diseases Scientific Conference 2009 May P56

Amna Hashluf, Abdunnabi Rayes, Mohamed Saeed, Omar Elahmer. The prevalence of HTLV infection in healthy blood donors in AlMergueb area. 2<sup>nd</sup> Infectious & Endemic Diseases Scientific Conference 2009 May P96

Abdulaziz Zorgani, Khakid sadaa, Reida Franka, Mustafa Zaidi, Omar Elahmer, Khaled A. Tawil, hayfa khuja, Samira Elamry. *In -vitro* activity of linezolid and other antimicrobial agents against methicillin resistant *Staphylococci*. *The Libya J. Infect. Dis.* 2008-2 (2): 51-56

Caroline Blackwell, Abdulaziz Zorgani, Abdulhamid Alkout, Omar Elahmer. Infection, ethnic groups and sudden infant death syndrome (Review article). *The Libya J. Infect. Dis.* 2008-2 (1): 1-9

Ahmed Balluz, Mohamed Samoud, Omar Elahmer. Tuberculosis among people in the rehabilitation centres around Tripoli. 1<sup>st</sup> Infectious & Endemic Diseases Scientific Conference 2007 May, pp

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El-Ahmer OR., Amyes Sebastian G.B., Blackwell C.Caroline (2000). Antibiotic sensitivity and binding of *Moraxella (Neisseria) Catarrhalis* to RSV infected cells. Twelfth International Pathogenic Neisseria Conference, Galveston, Texas, USA.

El-Ahmer OR., Amyes Sebastian G.B., Blackwell C.Caroline (2000).Surface Antigens of *Moraxella (Neisseria) Catarrhalis* in relation to antibiotic resistant and serum sensitivity. Twelfth International Pathogenic Neisseria Conference, Galveston, Texas, USA.

Gordon Ann, El-Ahmer OR, weir Donald M, Raza Mohammed W, Blackwell C.Caroline (2000). Why is Cigarette Smoking A Risk Factor For Meningococcal Disease. Twelfth International Pathogenic Neisseria Conference, Galveston, Texas, USA.

El Ahmer OR, Raza MW, Ogilvie MM, Weir DM, Blackwell CC. Binding of bacteria to HEP-2 cells infected with influenza A virus. FEMS Immunology Medical Microbiology 1999; 23: 331-341

El Ahmer OR, Essery SD, Saadi AT, Raza MW, Ogilvie MM, Weir DM, Blackwell CC. The effect of cigarette smoke on adherence of respiratory pathogens to buccal epithelial cells. FEMS Immunology Medical Microbiology 1999; 23: 27-36

Raza MW, El Ahmer OR, Ogilvie MM, , Blackwell CC, , Saadi AT,Elton RA, Weir DM. Infection with respiratory syncytial virus enhances expression of native receptors for non-pilate *Neisseria meningitidis* on Hep-2 cells. FEMS Immunology Medical Microbiology 1999; 23: 115-124

Raza MW, Essery SD, El-Ahmer OR, Gordon AE, Blackwell CC, Weir DM, Busuttill A (1998). Gram-negative bacteria, cigarette smoke and virus infection in relation to SIDS. Fifth SIDS International conference, Rouen, France.

Blackwell CC, Weir DM, Alkout AM, Saadi AT, Essery SD, El Ahmer OR, MacKenzie DAC, Raza MW, James VS, Busuttill A. Bacterial infection and blood group phenotype. Nova Acta Leopoldina 1997; 301: 67-88

El-Ahmer OR, Raza MW, Ogilvie MM, Weir DM, Blackwell CC (1997). Enhanced binding of meningococci to influenza A infected HEP-2 cells. Pathological Society of Great Britain and Ireland, University of Sheffield, No. 231.

El-Ahmer OR, Raza MW, Blackwell CC, Weir DM, Ogilvie MM (1997). Phenotypic characteristics of antibiotic resistant strains of *Moraxella catarrhalis*. Pathological Society of Great Britain and Ireland, University of Sheffield, No. 232.

Raza MW, Essery SD, Saadi AT, MacKenzie DAC, James VS, El Ahmer OR, Zorgani AA, Gordon AE, Ogilvie MM, Blackwell CC, Weir DM, and Busuttil A. Maternal smoking, infants and SIDS. International Conference on Sudden Infant Death Syndrome. (1997); Dublin, Ireland.

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## Referees

### **Prof. C.C. Blackwell**

University of Newcastle  
University Drive  
Callaghan 2308  
Australia  
Phone +61 4921 5000  
Fax +61 4921 6922  
E. Mail: [c\\_c\\_blackwell@hotmail.com](mailto:c_c_blackwell@hotmail.com)

### **Prof. DM Weir**

University of Newcastle  
University Drive  
Callaghan 2308  
Australia  
Phone +61 4921 5000  
Fax +61 4921 6922

