

ALI ELBAKRI

EDUCATIONAL QUALIFICATIONS:

- 2014:** PhD. Microbiology (Concentration in Parasitology)
School of Mathematical and Natural Sciences, University of Venda,
Thohoyandou, South Africa.
- 2003:** MSc. Biomedical Sciences, University of Wolverhampton, England, UK.
- 1992:** MSc. Medical Parasitology, London School of Hygiene and Tropical
Medicine, University of London, UK.
- 1990:** BSc. Biological Analysis, Faculty of Science, University of Jordan,
Amman, Jordan.

PROFESSIONAL EXPERIENCE:

- 2004 – Present:** Department of Medical Laboratory Sciences, College of Health Sciences,
University of Sharjah, PO Box 27272, Sharjah, UAE.
- Position:** Lecturer
- Responsibilities:** Courses teaching include Clinical Parasitology (Theory and Lab.), Biology
(Theory and Lab.), Medical and Diagnostic Microbiology Labs,
Immunology and Serology Lab. Supervise undergraduate project students.
Prepare, administer and evaluate tests. Perform assigned departmental and
faculty administrative duties.
- 2003 – 2004:** Charing Cross Hospital, Fulham Palace Road, London W6 8RF, UK.
- Position:** Senior Biomedical Scientist
- Responsibilities:** Scrutinized and verified results before release. Supervised junior staff and
administered the day-to-day running of the laboratory. Accepted,
documented, and processed samples. Performed a wide range of tests for
the investigation of rheumatologic diseases.
- 2001 - 2003:** Medical School, University of Birmingham, Birmingham B15 2TT, UK.
- Position:** Biomedical Scientist
- Responsibilities:** Assist in the provision of a Clinical Immunology Service in the region.
- 1995 - 2000:** Military College of Health Sciences, Dhahran, Saudi Arabia.
- Position:** Medical Laboratory Technology Instructor and Laboratory Superintendent
- Responsibilities:** Courses taught included: Medical Parasitology, Medical Entomology,
Immunology and Serology, General Microbiology, and General Biology.
Administered and managed general activities in the laboratories.
- 1993-1995:** London School of Hygiene and Tropical Medicine, UK
Molecular Immunology Unit, Department of Clinical Sciences.
- Position:** Research Assistant
Worked on a project selecting analogues of interleukin-1 receptor agonist
to inhibit inflammatory pathology.

1992 - 1993: London School of Hygiene and Tropical Medicine, UK.
Immunology and Vaccine Design Unit, Department of Medical Parasitology.
Position: Research Assistant
Responsibilities: Worked on a project isolating and characterising sexual stage antigens for the transmission blocking vaccine against *Plasmodium falciparum*.

PROFESSIONAL MEMBERSHIPS

1. Fellow Member of the Institute of Biomedical Science, UK.
2. Member of the European Society of Clinical Microbiology and Infectious Diseases (Clinical Parasitology Study Group).
3. Member of the Irish Society for Parasitology.
4. Member of the International Society for Infectious Diseases.

OTHER ACTIVITIES:

- Medical Laboratory Sciences Department representative at the College of Health Sciences Students Affairs and Academic Advising Committee, University of Sharjah (2015- Present).
- Medical Laboratory Sciences Department representative at the College of Health Sciences Study Plans and Curricula Committee, University of Sharjah (2013 - 2015).
- Medical Laboratory Technology Department representative at the College of Health Sciences' IT Committee, University of Sharjah (2010 - 2012).
- Medical Laboratory Technology Department representative at the College of Health Sciences' Public Relations Committee, University of Sharjah (2008-2010).
- College of Health Sciences Cultural Committee representative, University of Sharjah (2007-2008).

WORKSHOPS AND TRAINING COURSES ATTENDED:

1. IMMULITE 2000 operator training course. EURO/DPC 18-20 March 2003, Llanberis, North Wales, UK.
2. The 5th Arab 2nd G.C.C. Blood Transfusion Conference, Sharjah, UAE (Feb. 2005)
3. Avian Flu Symposium ,University of Sharjah (Oct. 2005)
4. 1st Emirates Pathologists Meeting, University of Sharjah (Nov. 2005)
5. ICT* Applications in Health Information, Evaluation and Research, University of Sharjah (November 2005).
6. Training the Trainers' Workshop. "Student Assessment" - for Health Professions Education. University of Sharjah, Medical and Health Sciences Colleges Campus. 3rd February 2007.
7. Challenges of Global Vaccine Development Conference. Cape Town, South Africa. October 8 – 13, 2007.
8. Quality, Standards and Accreditation in Health Professions Education Workshop, College of Medicine, University of Sharjah, UAE (21 March 2009).

POST-GRADUATE STUDENTS SUPERVISION:

Sept. 2015 – Dec. 2015: Mr. Abdelmunim Izzeldin Abdelrahman-MSc Candidate:
Department of Parasitology, Faculty of Medical Laboratory Sciences, University of Gezira, Sudan.
Title: Intestinal parasitic infections among expatriate workers in Sharjah, United Arab Emirates
Role: Co-Advisor

CONFERENCE & POSTER PRESENTATIONS:

1. **Amidou Samie, Ali ElBakri, Ra'ed AbuOdeh, and Tomoyoshi Nozaki.** Differential identification and phylogenetic analysis of *Entamoeba histolytica* based on the Small Subunit Ribosomal RNA gene from human faecal DNA from South Africa. 16th ICID. Cape Town, South Africa. April 2-5, 2014.
2. **Ali ElBakri, Lazarus Mogane, Sinda Ezzedine, Pascal Bessong, Natasha Potgieter, Ra'ed Abu Odeh and Amidou Samie.** Real Time PCR detection and prevalence determination of *Cryptosporidium* species in stool specimens from the United Arab Emirates. 16th ICID. Cape Town, South Africa. April 2-5, 2014.
3. **Ali ElBakri, Sinda Ezzedine, Ra'ed AbuOdeh, and Amidou Samie.** Molecular characterization of *Entamoeba histolytica* isolates using tRNA gene-linked short tandem repeats amplification in the United Arab Emirates. Amoebiasis 2012. Khajuraho, India. March 4-7,2012.
4. **Ali ElBakri and Ahmed Yagi.** *Fasciola hepatica* induces remote tissue immunopathological reactions in sheep. Challenges of Global Vaccine Development. Cape Town, South Africa. October 8 – 13, 2007.

PUBLISHED BOOK CHAPTERS:

1. **Ali ElBakri,** Ahmed Al-Qahtani and Amidou Samie (2015). Advances on Dientamoeba fragilis Infections, An Overview of Tropical Diseases, Dr. Amidou Samie (Ed.), ISBN: 978-953-51-2224-1, InTech, DOI: 10.5772/61809. Available from: <http://www.intechopen.com/books/an-overview-of-tropical-diseases/advances-on-dientamoeba-fragilis-infections>.
2. A. Samie, **A. ElBakri** and R. Abu Odeh (2012). Amoebiasis in the tropics: Epidemiology and Pathogenesis. Current Topics in Tropical Medicine. ISBN-978-953-51-0274-8, InTech, Available from: <http://www.intechopen.com/articles/show/title/amoebiasis-in-the-tropics-epidemiology-and-pathogenesis>

PUBLICATIONS:

1. A. Samie, M.J. Nepawe, P.A. Mbat, A. Yagi, and **A. ElBakri.** Physico-chemical and parasitological characteristics of wastewater and treated wastewater from four main sewage treatment plants in the Vhembe district, South Africa. (Accepted for publication by the Asian Journal of Microbiology, Biotechnology and Environmental Sciences in 2017).
2. **Ali ElBakri,** Lazarus Mogane, Sinda Ezzedine, Natasha Potgieter, Pascal Bessong, Raed AbuOdeh and Amidou Samie. Prevalence of *Cryptosporidium* spp. among asymptomatic healthy expatriate workers in Sharjah, United Arab Emirates. (Accepted for publication by the African Journal of Infectious Diseases).
3. Eihab A. Abdel Aziz, Mousa AlAzzawi, Adam D. Abakar, Bakri Y. M. Nour, Ra'ed AbuOdeh and **Ali ElBakri** (2016). Prevalence of Syphilis and Human Immunodeficiency Virus in Expatriates in Sharjah, United Arab Emirates. *Tropical Biomedicine*; 33(4): 613-618.
4. Amidou Samie, Phindile Ntekele, Ahmed I. Yagi, **Ali ElBakri** (2016). Occurrence and Elimination of Helminth Eggs at Different Stages in the Sewage Treatment Plants in the Vhembe District, South Africa. *Asian Journal of Microbiology, Biotechnology and Environmental Sciences*; 18(3): 705-714.
5. Ra'ed AbuOdeh, Sinda Ezzedine, Amidou Samie, Christen Rune Stensvold and **Ali ElBakri** (2016). Prevalence and subtype distribution of *Blastocystis* in healthy individuals

- in Sharjah, United Arab Emirates. *Infection, Genetics and Evolution*. 37:158-162. doi:10.1016/j.meegid.2015.11.021
6. Amidou Samie, Ahmed Al-Qahtani, **Ali ElBakri**, Beeta Ehdaie (2015). Challenges and Innovative Strategies to Interrupt *Cryptosporidium* Transmission in Resource-Limited Settings. *Current Tropical Medicine Reports*, July;2(3):161-170. doi: 10.1007/s40475-015-0057-8. Epub 2015 July 23.
 7. **Ali ElBakri**, Amidou Samie, Pascal Bessong, Natasha Potgieter, Ra'ed Abu Odeh (2014). Detection and molecular characterisation of *Giardia lamblia* genotypes in Sharjah, United Arab Emirates. *Transactions of the Royal Society of Tropical Medicine and Hygiene*, Aug; 108(8): 466-73. doi: 10.1093/trstmh/tru083. Epub 2014 Jun 6.
 8. **Ali ElBakri**, Amidou Samie, Sinda Ezzedine, and Raed Abu Odeh (2014). Genetic Variability of the Serine-Rich *Entamoeba histolytica* protein gene in clinical isolates from the United Arab Emirates. *Tropical Biomedicine* 31(2): 370-377.
 9. **Ali ElBakri**, Amidou Samie and Ra'ed AbuOdeh (2013). Abstracts of the 8th ECTMIH and 5th CSBSP. Proceedings: Detection and molecular characterization of human isolates of *Giardia lamblia* from the United Arab Emirates. *Tropical Medicine and International Health*, 18(Suppl 1), 108-231. <http://dx.doi.org/10.1111/tmi.12161>
 10. **Ali ElBakri**, Amidou Samie, Sinda Ezzedine, Ra'ed Abu Odeh (2013). Differential Detection of *Entamoeba histolytica*, *Entamoeba dispar* and *Entamoeba moshkovskii* in Fecal Samples by Nested PCR in the United Arab Emirates (UAE). *Acta Parasitologica*, 58(2): 185-190.
 11. **ElBakri A**, Nelson PN, Odeh RO (2010). The state of antibody therapy. *Human Immunol*, 71(12): 1243-50.
 12. Joseph W. Davids, **Ali ElBakri**, Jonathan Heal, Gary Christine, Gareth W. Roberts, John G. Raynes, and Andrew D. Miller (1997). Design of Antisense (Complementary) Peptides as Selective Inhibitors of Cytokine interleukin-1. *Angew. Chem. Int. Ed. Engl.*, 36, No.9.
 13. J.G. Raynes and **A. ElBakri** (1994). Receptor usage and soluble receptor inhibition of acute phase synthesis in human hepatoma cells. *The Biochemist*. (59).