

Curriculum Vitae



Personal Information:

Name: Yahya Bashir Ahmed Elbadawi

Mobil: 00249912295947 --- 00966542101049

E-mail: Alzeeem95@yahoo.com

Current Address: - King Saud University
P.O 2455, Riyadh 11451, SAUDI ARABIA

Academic Qualification:

* **M.Sc in Microbiology (2007)** Sudan Academy of Sciences.

Thesis Title: The antiviral activity of some herbals

Thesis advisor: Prof: Mhassin Elnur

* **Qualifying Year (higher Diploma) in Endemic Disease (2003-2004)** Institute of Endemic Disease – College of Medicine. University of Khartoum.

Areas of concentration: Pathology, Immunology, Molecular biology, Parasitology and Epidemiology.

* **B.Sc in Microbiology (1997-2002)** International University of Africa

* **Diploma in Computer Science 2005.** Institute of Alsahafa.

Work Experience:

From Feb 2010 “Until now”, Lecturer at Botany and Microbiology Department,
College of Science, King Saud University, Saudi Arabia.

* **Jan 2007 – October 2007** Global Health foundation. Clinical laboratory

Position: Microbiologist

Responsibilities & Duties but were not limited to: (senior lab) Supervised all routine microbiological procedures, molecular

* Ordering scientific equipment and chemical, solution, primers etc

* Stock control.

* Training of new Medical Technologists.

* Responsible for acquisition, storage, and distribution of chemicals.

* Working in various areas of the laboratory.

* Bacterial culture media preparation.

* Active participation in process improvement.

Training courses:

* **January 2000– February 2001** Global Health foundation- **Khartoum Hospital** training course for laboratory techniques.

* **Sep 2007** (Three weeks). Intensive training course for laboratory techniques in Food & Water Microbiology. National Health Laboratory Federal Ministry of Health

Principle subjects/ occupational skills covered:

* Isolation, & identification of microorganism from food sample

* **May 2000 – Aug 2002** Intensive course in medical microbiology & laboratory technologist at Global health Foundation.

Principle subjects/ occupational skills covered: microbiological techniques (isolation, antibiotic susceptibility test & identification of microorganism), hematology, parasitology and clinical chemistry.

* **October 2004** Sudanese Standards And Metrology Organization

Principle subjects/ occupational skills covered:

* Isolation and identification of microorganism from different samples.

Teaching:

2010- till now: Teaching the course of practical Bacteriology, Virology, and Mycology. Botany and Microbiology Department, College of Science, King Saud University, Saudi Arabia

Hands-On Experience in Techniques:

1. Bacteriology and Mycology Techniques:

* Very Good practical in the Bacteriology and Mycology.

➤ Isolate and make cultures of microorganisms

➤ Bacterial Culture Sensitivity. Blood Culture

➤ Direct Microscopy as well as Culture and Antibiotic Susceptibility testing.

- Identify microorganisms on the basis of metabolic by-products

2. Molecular Biology Techniques:

I have expertise in a range of molecular techniques.

7. Parasitology Techniques:

- * Very Good practical in Parasitology.
 - * Experience in Diagnosis of Malaria.
-

Skills:

- * Competent & experience with various Microsoft applications including:

1-Microsoft Office 2- Excel and Power Point 3-FrontPage 3-Internet working 4-Database searching

5- Statistical software

- * Excellent work accuracy.
 - * Excellent communication.
 - * Leadership & continuous improvement.
 - * Ability to work as part of teamwork in a dynamic and challenging organization.
 - * Well aware with Laboratory Management System & Quality Control.
 - * Microbiology Conventional & Advance Microbiological Techniques for Detection of Microbes.
-

Language:

Arabic: Mother Tongue Expert
English: written Expert
Spoken Well Communicate.

Scientific Conferences, Seminars and workshops:

***27-28 November 2012** workshop of Bacterial Enzymes: Production, Assays and characterization, College of Science. Botany and Microbiology department ,King Saud University

***18-19 September 2012** .The Saudi International Biotechnology Conference,Nanoscale Materials for Health Technologies: from Science and Engineering to Clinical Translation, *King Abdulaziz City for Science and Technology (KACST)*. Riyadh, Saudi Arabia

*** 27 February -2 March 2011** Second workshop of Protein Purification Principles and Practice: Protein Research Chair, College of Science. King Saud University. Saudi Arabia

*** 21 - 24 Feb 2011** Second International Conference for e-Learning and Distance Learning, Saudi Arabia

* **24- 26 May 2010** work shop Distribution of Samsun ant in the Kingdom of Saudi Arabia and the use of its toxins as a natural product for the treatment of breast cancer. Saudi Arabia. King Saud University. Saudi Arabia

* **25-26 Jan 2010** 6th Conference of the Medical Services of the Armed Forces. Saudi Arabia

* **24 May 2009** workshop of DNA Research: A gateway to knowledge Economy, DND Research chair, College of Science. King Saud University. Saudi Arabia

***24_28 February 2008** workshop of **Information Centers Management**. International Center for Quality (*icq*).

* **21/11/1428** workshops of Molecular Biology Techniques in Medical Research and Writing Scientific Papers. College of Science, Department of Biochemistry, King Saud University. Saudi Arabia

* **21-23 August 2007** scientific conference on the Endemic and emerging diseases: new trends in diagnosis and control. Ministry of Science and Technology. National Centre for Research.

* **27July2007** A Two days workshops on Genetic Bases of Infectious & Non-infectious Diseases. Institute of Endemic Disease – College of Medicine at Khartoum University.

* **24- 26 Nov 2006** the first scientific meeting of the Sudanese society of clinical biology, Khartoum, Sudan

Publications List:

- 1- Ibrahim AS, Al-Salamah AA, Ahmed Mohamed El-Toni, El-Tayeb MA, **Elbadawi YB**, Antranikian G (2014) Cyclodextrin glucanotransferase immobilisation onto functionalized magnetic double mesoporous core-shell silica nanospheres. Electronic Journal of Biotechnology, Vol. 17 No. 2, Issue of March 15,
- 2- Abdelnasser S.S. Ibrahim, Mohamed A. El-Tayeb, **Yahya B. Elbadawi**, Ali A. Al-Salamah, Garabed Antranikian (2014). Detoxification of Hexavalent Chromate by *Amphibacillus* sp. KSUCr3 Cells Immobilized in Silica-coated Magnetic Alginate Beads Biotechnology and Bioprocess Engineering
- 3- Ibrahim AS, Al-Salamah AA, Ahmed Mohamed El-Toni, El-Tayeb MA, **Elbadawi YB**, Antranikian G (2013). Immobilization of cyclodextrin glucanotransferase on aminopropyl functionalized silica-coated superparamagnetic

- nanoparticles. Electronic Journal of Biotechnology, Vol. 16 No. 6, Issue of November 15,
- 4- Ibrahim AS, Al-Salamah AA, El-Tayeb MA, **Elbadawi YB**, Antranikian G (2013). Enhancement of *Amphibacillus* sp NPST-10 Cyclodextrin Glucanotransferase Production by Optimizing Physio-Environmental Factors. Journal of Pure And Applied Microbiology, Vol. 7(4), p. 2597-2606
 - 5- Abdelnasser S.S. Ibrahim, Mohamed A. El-Tayeb, **Yahya B. Elbadawi**, Ali A. Al-Salamah, Garabed Antranikian (2012). Hexavalent chromate reduction by alkaliphilic *Amphibacillus* sp. KSUCr3 is mediated by cupper dependent membrane-associated Cr(VI) reductase [Extremophiles](#). 16(4): 659-68.
 - 6- Abdelnasser S. S. Ibrahim, Ali A. Al-Salamah 1, Mohamed A. El-Tayeb, **Yahya B. El-Badawi** and Garabed Antranikian (2012). A Novel Cyclodextrin Glycosyltransferase from Alkaliphilic *Amphibacillus* sp. NPST-10: Purification and Properties. *Int. J. Mol. Sci*, 13, 10505-10522.
 - 7- Abdelnasser S.S. Ibrahim, **Yahya B. Elbadawi**, Mohamed A. El-Tayeb, and Ali A. Al-Salamah (2012). Hexavalent chromium reduction by novel chromate resistant alkaliphilic *Bacillus* sp. strain KSUCr9a . African Journal of Biotechnology Vol. 11 (16), pp. 3832-3841
 - 8- Abdelnasser S.S. Ibrahim, Mohamed A. El-Tayeb, **Yahya B. Elbadawi** and Ali A. Al-Salamah (2011). Effects of substrates and reaction conditions on production of cyclodextrins using cyclodextrin glucanotransferas from newly isolated *Bacillus agaradhaerens* KSU-A11. ElectronicJournal of Biotechnnnology, 14 (5):1-12
 - 9- Abdelnasser S.S. Ibrahim, Mohamed A. El-Tayeb, **Yahya B. Elbadawi** and Ali A. Al-Salamah (2011). Isolation and characterization of novel potent Cr (VI) reducing alkaliphilic *Amphibacillus* sp. strain KSUCr3 from hypersaline soda lakes. . E-Journal of Biotechnnnology, vol 4, 1-14

- 10- Abdelnasser S.S. Ibrahim, Mohamed A. El-Tayeb, **Yahya B. Elbadawi** and Ali A. Al-Salamah (2011). Bioreduction of Cr(VI) by potent novel chromate resistant alkaliphilic *Bacillus* sp. strain KSUCr5 isolated from hypersaline soda lakes. African Journal of Biotechnology, 10 (37): 7207-7218,

Academic References:

- **Prof: Moawia Mohammed Mukhtar**
Professor of Immunology
General Manager of Institute of Endemic Disease. College of Medicine,
University of Khartoum. Mmukhtar@iend.org