



CURRICULUM VITAE

Personal data

Name: Ali Ali Ahmed Alhaj

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Present job: Professor of biochemistry, faculty of medicine and health sciences, university of science and technology.

GRADUATION

1. **Doctorate degree** in Biochemistry on April 2006, Faculty of Medicine, Suez Canal University, Egypt.
2. **Master degree** in Biochemistry, October 2001, Faculty of Medical Sciences University of Science and Technology and faculty of medicine, Suez Canal Universities, Yemen and Egypt (channel system).
3. **Bachelor** of Biochemistry, August 1991, Faculty of Science, King Saud University, Riyadh Kingdom of Saudi Arabia

Professional experiences:

- **Professor of Biochemistry:** Biochemistry Department, Faculty of Medicine and Health Sciences, University of Science and Technology, **Yemen**, 24/12/2020 – Present
- Associate professor of Biochemistry, Faculty of Medicine and ahealth Sciences, University of Science and Technology, Sana'a from 17/6/2014 until 23/12/2020.
- Assistant professor of Biochemistry, Faculty of Medical Sciences, University of Science and Technology, Sana'a from 5/9/2006 to 16/6/2014.
- Assistant lecturer of Biochemistry, Faculty of Medical Sciences, University of Science and Technology, Sana'a Yemen from 10/2001 to 10/2002.
- Demonstrator; Biochemistry Department, Faculty of Medical Sciences, University of Science and Technology, Yemen, 1/3/1997 to 20/9/1999.
- Demonstrator/Tutor in biochemistry at High Institute of Health Sciences, Taiz, and Sana'a, Yemen, 18/9/1991 – 30/2/1997.

Academic appointments:

- **Assistant Dean** for basic Sciences, faculty of medical sciences, University of Science and Technology for the period from 14/2/2007 to 26/10/ 2008.

- **Deputy Dean** of the Faculty of Medical Sciences, University Of Science And Technology for the period from 3/11/2008 to 20/4/2010

- **An acting dean** of the Faculty of Medical Sciences, University Of Science And Technology for the academic year 2007-2008.

Training:

1. Participated in the first round in the field of medical education oriented towards the society in the period from 16/8/1998 to 20/8/1998, UST

2. Participated in the course of (Educational Qualification Program), during the period 20/5/1999 to 29/7/1999, with a cumulative grade of Excellent.

3. Participated in the training course in teaching methods for undergraduate for the period from 15/9/2001-23/9/2001.

4. Participated in 19th International Workshop on "Community- Based Education Incorporating Problem-Based Learning" (innovative approaches) held at the CRD, FOM-SCU, Ismailia, Egypt during the period from 7-13 March 2005.

5. Participated in the training course on preparation of program and course specification during the period from 17/2/2007 to 19/2/2007, University of Science and Technology, Sana'a, Yemen.

6. Participated in the workshop on research methodology training course in the period from 31/3/2007 to 2/4/2007, University of Science and Technology, Sana'a, Yemen.

7. Participated in the training course (the quality and higher education) during the period from 29/4/2007 to 30/4/2007, University of Science and Technology, Sana'a, Yemen.

8. Participated in The Virtual Leadership Development Program (on line) from 28/1/2008- 25/4/2008, USAID, from the American people, MSH, management sciences for health.
9. Participated in a workshop on approaches to medical diplomas from 3/4/2008 to 17/4/2008, University of Science and Technology, Sana'a, Yemen.
10. Participated in the program of effective leadership in a period of 5/7/ 2008-7/7/2008, University of Science and Technology, Sana'a, Yemen.
11. Participated in a workshop on the preparation of Corporate Strategy for the decade of 2008-2018, University of Science and Technology, Sana'a, Yemen.
12. Participated in the training program on how to prepare the program specification document (PSD) in the period from 13/11/2008 to 5/2/2009 University of Science and Technology, Sana'a, Yemen.
13. Participated in the workshop on updating curricula diplomas for health sciences during the period from 8/1/2009 to 9/1/2009, University of Science and Technology, Sana'a, Yemen.
14. Participated in the training course on preparation of course specification due on 9/2/2009, University of Science and Technology, Sana'a, Yemen.
15. Participated in the training on preparation of course report due on 2/3/2009, University of Science and Technology, Sana'a, Yemen.
16. Participated in the training session to prepare a report of academic performance in the period from 4/7/2009-5/7/2009, University of Science and Technology, Sana'a, Yemen.
17. Attended the 1st EMRO (WHO)/WFME International conference Health Profession Education & Accreditation University of Science And Technology Nov 27/11/2010-30/11/2010, Sana'a, Yemen.
18. Participated in the program (Book Editing) by the university in the period from 8/1/2011 to 10/1/2011, University of Science and Technology, Sana'a, Yemen.
19. Successfully completed the FAIMER/ WFME Distance learning course THEME 1: Self-Review and Accreditation MODULE 5: Implementing improvements after self-review 10/1/2011-18/3/2011, the Open University.

20. The workshop on preparation of course specification for the university programs from 16/12/2013-20/12/2013, University of Science and Technology, Yemen.

21. National Workshop on Accreditation of Medical colleges in Yemen, Hadhramout from 24/11/2013-27/11/2013, University in collaboration with WHO, Yemen.

22. Diploma in professional development for faculty members, January 2012, University of Science and Technology, Sana'a, Yemen

23. The workshop on Problem-Based learning "PBL", University Of Science And Technology, Yemen, from 11/9/2012 to 13/9/2012.

24. The workshop on Research Bioethics, department of Scientific Research, University of Science And Technology, Yemen, on 13/5/2014

25. The workshop on Basic of Medical Education, The Scientific Committee and center for medical education in the faculty of medicine and health Sciences, University of Science And Technology, Yemen from 20/5/2017-24/5/2017.

Teaching experience:

I taught the following courses:

1. Advance Biochemistry for students of master of pharmacology, Physiology, and Pathology.
2. Introduction to biochemistry for students of Bachelor of Medicine and surgery, Nutrition, Biomedical Engineering, Medical Laboratory Sciences and Dentistry.
3. Metabolism biochemistry for students of Bachelor of Medicine and Surgery, Dentistry, Nutrition and Medical Laboratory Sciences.
4. Clinical chemistry 1, 2, and 3 for students of Bachelor of Medical Laboratory Sciences.
5. Biochemistry in musculoskeletal system, and endocrine system block for medical students.

Committee's membership:

- Member of the committee preparing the program specification document "PSD" for medical laboratory program 2014.
- Chairman of the Board of complementary programs for the years 2009-2011.
- Disciplinary Committee member for the academic years 2008-2011.
- Member of the Faculty of Medical Sciences council for the years 2007-2010, and 2012- 2014

- Member of the Curriculum Committee for the academic year 2009-2010.
- Member of Examination Committee for the years 2008-2014.
- Member of the Academic Oversight Committee for the academic year 2009-2010.
- Member of the committee of Quality and Accreditation for the years 2009-2011.
- Member of Scientific Committee in human medicine for the academic year 2010-2011 and 2013-2014.
- Chairman of the Budget Committee of the Faculty of Medical Sciences for the academic year 2009-2010.
- Member of the committee preparing the list of training students for the academic year 2008-2009.
- Member of the board scientific research in the University for the Academic Year 2008-2009.
- Member of the Committee of University Branches for the year 2009-2010.
- Member of the Committee of External Training university students for the year 2008-2009.

Research Interests:

- Cancers
- Contaminations
- Malnutrition

Publications:

- Abdulhabib R Alqubaty, Ali Alhaj, Farouk Al-qadasi. Serum Electrolyte Levels among Patients with Type 2 Diabetes mellitus in Sana'a City, Yemen. ZUMJ. Volume 28, Issue 6, November 2022(1305-1311)
- Adeeb Salah, Ibrahim Al-Subol, Ahmed Hudna, **Ali Alhaj**, Abdulhabib R. Alqubaty, Waleed Farie, Dalal Sulieman, Ola Alnadhari, Talal Alwajeih, Fawaz Alobathani, Abdullah Almikhlafy, and Mohammed Mahdy. Neonatal Sepsis in Sana'a City, Yemen. **BMC Infectious Diseases** (2021)21:1108.
- Thaker A.A. Abdulrahman1,*, **Ali Alhaj**2, Mokhtar E.M. Saif3. Thalassemia Phenotypes and Associated Mortality among Yemeni Patients: A Single-Center Retrospective Analysis. Yemeni J Med Sci. 2020; 14:7–12.
- **Ali Alhaj**. Occupational Lead Exposure among Petrol Station Workers in Sana'a City, Yemen: Awareness and Self-Reported Symptoms. **ZUMJ**.September.2020 Volume26 Issue5:795-805.

- Mogahid Nassar, Ahmed S. Hudna, **Ali Alhaj***, Abdulhabib R. Alqubaty, Talal Alqahtani. Glucose-6-Phosphate Dehydrogenase Deficiency among Newborns in Sana'a City, Yemen. **ZUMJ**.September.2020 Volume26 Issue5:806-813.
- **Ali Alhaj**, and Abdulhabib R. Alqubaty. Prevalence and risk factors associated with obesity among students of a private university in Sana'a, Yemen. **Int J BioMed Public Health**. 2020; 3(2):30-34.
- **Ali Alhaj**, Abdulhabib R. Alqubaty, Mogahid Nassar, and Farouk Al-qadasi. Assessment of Certain Biochemical Parameters among Petrol Station workers in Sana'a City, Yemen. **Yemeni Journal for Medical Sciences**, (2018, 12(1).
- Rashad Abdul-Ghani, Mohammed A. K. Mahdy, Reyadh Saif-Ali, Sameer A. Alkubati, Abdulhabib R. Alqubaty, Abdullah A. Al-Mikhlafty, Samira M. Al-Eryani, Abdusalam M. Al-Mekhlafi **and Ali Alhaj**. Glucose-6-phosphate dehydrogenase deficiency among Yemeni children residing in malaria-endemic areas of Hodeidah governorate and evaluation of rapid diagnostic test for its detection. **Malaria Journal**, (2016), 15:327.
- **Alhaj A**. Relationship of Body Mass Index with Lipid Profile among Teaching Staff at the Higher Institute of Health Sciences, Sana'a. **Yemeni Journal for Medical Sciences**, (2013) (7).
- **Alhaj A**. Prevalence of Iron Deficiency Anemia among the First Grade Students in Primary Schools in Mathpah Area, Sana'a City. **Suez Canal University Medical Journal**. Vol. 15 (1), 2012 Pages 62-68.
- **Alhaj A**. Serum Prolactin Level in Yemeni Females with Breast Cancer. **Yemeni Journal for Medical Sciences**, (2012) (6).
- Fathallah M. Hassan, Emad I. Abdelfattah, **Ali A. Alhaj**, Abdel-Hamid A. Serwah, Molham Al-Habori, and Taher I. El-Serafy. Assessment of Tumor Necrosis Factor Alpha and Alpha Fetoprotein in HCV-related chronic liver disease patients, **Suez Canal university medical journal**, Vol.4No.2, October, 2001, 159-171. Isailia, Egypt.
- **Discussion of Master and PhD**
- External examiner for the doctoral thesis submitted by Walid Saeed AbdoHebat Allah: Antibodies to Glutamic Acid Decarboxylase and Metabolic Syndrome in Yemeni School Children as Predictors of Non-insulin Dependent Diabetes Mellitus, Sana'a University, Faculty of Medicine and Health Sciences, Department of Biochemistry and Molecular biology (PhD,2016).

External examiner for the doctoral thesis submitted by Fairouz Mohammed Mohsin Atroosh: Effect of Estrogen and Khat Chewing on Telomerase Activity and Tumor Suppressor Genes, Sana'a University, Faculty of Medicine and Health Sciences, Department of Biochemistry and Molecular biology (PhD, 2016).

External examiner master's thesis submitted by Hisham Abdullmowla Ahmed Al-Aghbari: Vitamin D and Tumor Necrosis Factor- α levels in Type 2 Diabetes Mellitus, Sana'a University, Faculty of Medicine and Health Sciences, Department of Biochemistry and Molecular biology (MSc,2016).

External examiner master's thesis submitted by Ahlam Said Almaqtary: Assessment of Serum Neopterin and Hepatocyte Growth Factor levels in Non-Alcoholic Fatty Liver Diabetic Patients, Sana'a University, Faculty of Medicine and Health Sciences, Department of Biochemistry (MSc,2016).

External examiner master's thesis submitted by Kamal Mohammed Ahsan Ahmed: Association of Magnesium, Copper, and Zinc with Lipid profile and Glucose Levels in Yemeni Metabolic syndrome Subjects in Sana'a Al-Thawra Hospital, Sana'a University, Faculty of Medicine and Health Sciences, Department of Biochemistry and Molecular biology (MSc, 2017).

External examiner master's thesis submitted by Khaldoon Sadwq Ahmed Abdullah: Effect of Ramadan Fasting on Adipokines, Leptin/Adiponectin Ratio and High Sensitive C-Reactive protein in patients with Type2 Diabetes mellitus, Sana'a University, Faculty of Medicine and Health Sciences, Department of Biochemistry and Molecular biology (MSc,2017).

External examiner master's thesis submitted by Dhekra Saeed kaed Al-Zubairi: Prevalence of Latent Autoimmune Diabetes in Adults (LADA) and Its Characteristics in Type 2 Diabetes Mellitus in Sana'a City, Sana'a University, Faculty of Medicine and Health Sciences, Department of Biochemistry and Molecular biology (MSc, 2017).

External examiner master's thesis submitted by Sumia Sameer Al-Aghpari: Assessment of Calprotectin as A marker of Insulin Resistance and Type2 Diabetes mellitus, Sana'a University, Faculty of Medicine and Health Sciences, Department of Biochemistry and Molecular biology (MSc,2017).

External examiner master's thesis submitted by Mohammad Hefth-Allh Ayed: Effect of different Qat toxicity pesticides on male sex hormones in Banimatar district, Sana'a University, Faculty of Medicine and Health Sciences, Department of Biochemistry and Molecular biology (MSc, 2018).

External examiner master's thesis submitted by Mansour Saleh Ali Mohammed: Evaluation of Serum Trace Elements, lipids Profile and 8-hydroxydeoxyguansine levels in Yemeni Patients with Beta Thalassemia Major, Sana'a University, Faculty of Medicine and Health Sciences, Department of Biochemistry and Molecular biology (MSc, 2018).

External examiner master's thesis submitted by Ameen Abdulwali Saleh Al-Sadi: Estimation of Serum Coenzyme Q10 and Malondialdehyde Levels among diabetic patients with Metabolic Syndrome In Diabetic Center Al-Thawra Hospital, Sana'a City, Sana'a University, Faculty of Medicine and Health Sciences, Department of Biochemistry and Molecular biology (MSc, 2018).

Honors:

2007/2008 A certificate of appreciation for excellence in teaching performance, University of Science and Technology, **Yemen.**

2009-2010,
2011-2012
and 2012-
2013 Very good estimate in the assessment of quality assurance unit

2014-2015 Excellence estimate in the assessment of quality assurance unit

2015-2016 Excellence estimate in the assessment of quality assurance unit

2015-2016 A certificate of thanks and appreciation for the efforts made in his work as an administrator for Graduate Studies in the Faculty of Medicine and Health Sciences

2016-2017 Excellence estimate in the assessment of quality assurance unit

2017-2018 Excellence estimate in the assessment of quality assurance unit

2018-2019 Excellence estimate in the assessment of quality assurance unit

2019-2020 A certificate of thanks and appreciation for obtaining the second place in scientific publishing at the level of the College of Medicine and Health Sciences, University of Science and Technology, **Yemen.**

2019-2020 Excellence estimate in the assessment of quality assurance unit

2021-2022 Excellence estimate in the assessment of quality assurance unit

Languages:

- Arabic mother tongue.
- English writing and speaking (good)

Computer proficiency

Windows, Word, Excel, PowerPoint, and internet

Scientific Presentations

- Why do we age? College of medical sciences, university of science and technology, 2010.
- Quality in Education, College of medical sciences, university of science and technology, 2010.
- How to give a great presentation.
- Quality achievement test according to the specifications table (How to set a good exam), College of medical sciences, university of science and technology, 2011.

References: Available upon request