

Curriculum Vitae

Lecturer Dr. Basma Talib Jasim

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PERSONAL SUMMARY:

- Lecturer of Biochemistry and Clinical Biochemistry, with around 15 years of experience in University teaching of practical and theoretical parts of many scientific subjects.
- Senior laboratory leader for a period of 12 years, with a special diagnostic and training skills.
- Advanced research skills including designing, achievement and follow up.

EDUCATION:

1. Ph.D. Biochemistry/ College of Science and Technology/ School of Environment and Life Sciences-Drug design and cancer Research Centre/ University of Salford-UK/ 2017.
2. M.Sc. Biochemistry (Clinical Biochemistry)/ University of Baghdad/ 2002.
3. B.Sc. Chemistry/ University of Baghdad/ 1999.

ACADEMIC HONORS AND AWARDS:

- A prize from the office of the Iraqi republic presidency had been granted to my Patent/ 2002.
- (1) Acknowledgment from the minister of higher education and scientific research/ 2011.
- (2) Acknowledgment from the president of Al-Mustansiriyah university/ 2011.
- (1) Acknowledgment from the dean of the college of Pharmacy/ University of Al-Mustansiriyah/ 2002.
- (2) Acknowledgment from the dean of the college of Pharmacy/ University of Al-Mustansiriyah/ 2011.
- (1) Acknowledgment from the Iraqi Cultural Attaché/ 2017.
- (2) Acknowledgment from the dean of the college of Pharmacy/ University of Al-Mustansiriya/ 2018

ACADEMIC /TEACHING EXPERIENCE:

- Official teaching staff member:
 - Assistant lecturer/College of Pharmacy/University of Al-Mustansiriya/2002-2010.
 - Lecturer/College of Pharmacy/University of Al-Mustansiriya /2002 to date. I have been served in the following:
 1. Teaching of clinical chemistry/5th stage/ theoretical part 2002-2003.
 2. Teaching of clinical chemistry/5th stage/ practical part 2002-2013.

3. Teaching of biochemistry/ 3rd stage/ practical part 2004-2013.
4. Teaching of organic chemistry/ 2nd stage/ theoretical part 2003-2005.
5. Teaching of clinical chemistry/5th stage/ theoretical part 2011-2012.
6. Teaching of Medical laboratory training/5th stage/ practical and theoretical parts 2011-2012.
7. Teaching clinical laboratory training/ Hospital training course/ Postgraduate (M.Sc.)/ 2018.
8. Teaching English Language/ First year undergraduate/ 2018.
9. Teaching English Language / Second year undergraduate/ 2018.
10. Teaching Surface plasmon resonance/ Postgraduate (Ph.D.)/ 2018.
11. Supervise an M.Sc. student/ 2018 (in progress).
12. Supervise a graduation project of undergraduate students/ 2018 (in progress).
13. A member of the Committee of examining the reliability of scientific journals/ College of Pharmacy-Mustansiriyah University/ 2018 to date.

- Demonstration in Salford University, School of Environmental and life science, department of medical biochemistry, level 2- Biochemical and Pharmaceutical skill, practical part/ 2015 and 2016.

COURSES TAUGHT:

Undergraduate	Graduate
1. Biochemistry.	1. Clinical laboratory training (Hospital training).
2. Clinical biochemistry.	2. Surface plasmon resonance
3. Clinical laboratory training (Hospital training).	
4. Teaching English Language.	

PROFESSIONAL AFFILIATIONS:

- Official Teaching Staff Member in the College of Pharmacy/ University of Al-Mustansiriyah (from 2002 to present).
- Member in the British Society of Biochemistry/ from 2014 to present.
- Member in the Society of Aptamers/ from 2014 to present.
- Member in American Association for Clinical Chemistry (AACC)/ from 2014 to present.
- Royal Society of Chemistry/ 2015 to present.

PUBLICATIONS:

1. "Oxidative stress and Erythrocyte glutathione defense system in childhood acute lymphocytic leukemia"/M.Sc. thesis /University of Baghdad/2002.
2. Determination the Erythrocyte glutathione peroxidase activity and Serum selenium level in patients with breast cancer /Published/ Tikrit Journal of Pure Science/ 2011.
3. "Oxidative Stress and Antioxidant Status in Human Infected with Kala-azar azar"/Published/ Almustansiriya journal of pharmaceutical sciences AJPS/ 2009.
4. "Oxidative Stress and Erythrocyte Glutathione Defence System in Smokers and Non-smokers Gastric Carcinoma Patients"/Published/ Iraqi Journal of Cancer and Medical Genetics / 2011.

- 5- "The effect of Hypothyroidism on cytokines"/published/ International Journal for Sciences and Technology/ 2013.
- 6- "Novel therapies for cancer treatment: Designing high affinity and selectivity ligands against SIRT1"/ Published/ Clin Chem Lab Med/ 2015.
- 7- "Selection of Circular ssDNA Aptamers against Sirtuin1 protein by SELEX Methodology"/ published/ Drug Discovery/ 2015.
- 8- "Characterisation of novel nucleic acid activators (aptamers) against sirtuin1 protein using SELEX approach." / Biochemistry/ 2016.
- 9- "Novel Therapies for Cancer Treatment: Designing High Affinity and Selectivity Ligands Against SIRT1 Enzyme"/ Ph.D. thesis/ College of Science and Technology/ School of Environment and Life Sciences- Drug design and cancer Research Centre/ University of Salford-UK/2017.
- 10- "Beetroot juice as an alternative growth and maintenance medium for six isolates of *Mycobacterium* spp."/ Published/ Journal of Pharmaceutical Sciences and Research/ 2018.

PROFESSIONAL DEVELOPMENT:

Certifications, Conferences & Workshops:

- The educational rehabilitation for teachers/ Center of developing university teaching & training methods/University of Al-Mustansiriyah/2008.
- A condensed training course in Computer for scientific promotion of university teachers/Center of computer/University of Al-Mustansiriyah/college of education/2008.
- Preparation course and training on Internet and Computing Core Certification (IC3) test/ Al-Rajih Institute for foreign languages/2012.
- Computing Core Certification (IC3) test/2012.
- English preparation course-TOEFL/Al-Rajih Institute for foreign languages/Baghdad 2012.
- Preparation course for the TOEFL/Center of development and continuous education/Baghdad 2012.
- Doing literature review/2014/University of Salford-UK.
- Training on Introduction to End Note X7/ 2013/ University of Salford-UK.
- Training on Introduction to (N Vivo Lecture)/ 2014/ University of Salford-UK.
- Training on Advanced skilled (N Vivo lecture)/ 2014/ University of Salford-UK.
- Schrödinger work shop for structure biology to drug design/ 2014/ Manchester Royal Teaching Hospital-UK.
- Single cell genomic facilities- Flow Cytometry, High Resolution Microscopy, Imaging Cytometry and the recent techniques developed in cell imaging and follow up/Workshop/2016/University of Manchester-UK.
- training on Biacore assay/ 2016/ University of Manchester-UK.
- Training on Cell culture techniques/2016/ University of Salford-UK.
- HPLC training/ 2016/ University of Salford-UK.
- Hormones to diagnose diseases/ Workshop/ 2018/ The Ministry of Science and Technology/ Baghdad-Iraq/ Rank 6.