

## **Mona Awad Alonazi**

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### **Career objective:**

To acquire a professor position in the college where I can share my knowledge and use my excellent teaching skills for the better development of the students. An experienced researcher with a Ph.D. in Biochemistry in the field of Protein Biochemistry, thus working hard towards achieving the goals of the Institution/ Organization and contributing to increasing scientific community.

### **Academic Qualifications:**

2012-2016    Ph.D. in Biochemistry  
School of Biomolecular and Biomedical Science (SBBS), University College  
Dublin, Ireland.

Dissertation Title: The Role of The Structural NADP<sup>+</sup> Binding Site in Human  
Glucose-6-phosphate Dehydrogenase  
Advisor: Professor. Paul Engel

2005-2009    M.Sc. in Biochemistry  
Biochemistry Department, College of Science, King Saud University.

Thesis Title: Purification and Characterization of Alanine Dehydrogenase  
From the Fungus *Thielaviopsis paradoxa*

Advisor: Dr. Sooad Al-Daihan

1998-2001    B.Sc. in Biochemistry  
Biochemistry Department, College of Science, King Saud University.

### **Work Experiences:**

2017–up to date	Head of Quality unit of College of Science College of Science, King Saud University. KSA.
2017- up to date	Assistant Professor Faculty of Biochemistry Department, College of Science, King Saud University. KSA.
2012-2016	Ph.D. Researcher Protein Engineering and Biocatalysis group of Professor. Paul Engel, Conway Institute of Biomolecular and Biomedical research, University College Dublin, Ireland.
2012-2015	Demonstrator School of Biomolecular and Biomedical Science (SBBS), University College Dublin, Ireland.
2010-2011	Lecturer Biochemistry Department, College of Science, King Saud University. KSA.
2009-2010	Demonstrator Biochemistry Department, College of Science, King Saud University. KSA.
2005- 2009	M.Sc Researcher Biochemistry Department, College of Science, King Saud University. Riyadh, KSA
2002-2004	Teacher Assistant Biochemistry Department, College of Science, King Saud University. Riyadh, KSA
2001	Intern Medical Laboratory, Riyadh National Hospital, Riyadh, KSA.

### **Researcher and Interpersonal skills:**

- Highly skilled and educated researcher in Biochemistry, with extensive experience in Protein Biochemistry, Enzyme Purification, Characterization and Molecular Biology.
- Worked closely with post-doctoral staff, lab technicians, and other researchers in a positive and dynamic atmosphere.
- Demonstrated aptitude to learn quickly and work independently.

- Computer Skill:
  - MS office.
  - Enzpack for determination of kinetic parameters of enzymes.
  - ChemDraw

## **Publications:**

- 1- Alonazi, M. and Engel, P. C. (2015). The role of the structural NADP<sup>+</sup> binding site in human glucose 6-phosphate dehydrogenase. The 29th Annual Symposium of The Protein Society. The Symposium, in Barcelona (Spain) from July 22nd to 25th, 2015. PL-079.
- 2- Alonazi, M., Al-Dahain, S., El-Ansary, A. and Marraiki, N. (2011). Isolation and Characterization of Thielaviopsis paradoxa L-alanine Dehydrogenase. Asian J Appl Sci, 4, pp.702-711.
- 3- In preparation: Binding and Release of Ligands at the Structural NADP<sup>+</sup> Site of Human Glucose 6-Phosphate Dehydrogenase.

## **Conferences and Posters:**

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| 22 – 25 July. 2015 | <b>29th Annual Symposium of the Protein Society</b><br>Poster title: The role of the structural NADP <sup>+</sup> binding site in human glucose 6-phosphate dehydrogenase. Barcelona, Spain. |
| 1 – 2 July. 2014   | <b>Biophysical Techniques for Probing Biological Systems.</b><br>University of East Anglia, Norwich, UK.   |
| 12 – 13 Dec. 2012  | <b>Molecular Medicine Ireland (MMI) course: Techniques &amp; Strategies in Molecular Medicine.</b><br>Royal College of Surgeons, Dublin, Ireland.  |

Member of the event management May 4-6 , 2010	4 <sup>th</sup> International Conference on Biomarkers in chronic diseases
3-5 /5/2011	حضور البرنامج التدريبي للفرق التنفيذه لبرامج موهبة الإثرائية الصيفيه المحلية في مدينة جدة مؤسسة الملك عبدالعزيز و رجاله للموهبة و الابداع
2016/11/24-23	١. ورشة إعداد الدراسة الذاتية تقييمها هيئة تقويم التعليم
2016 /12/29-28	٢. ورشة العمل الخاصة بمؤشرات الأداء والمقارنة المرجعية
1438 /07/29-28 ( بواقع ٨ ساعات تدريبيه)	٣. - تطوير المهارات دوره في اساسيات القيادة الأكاديمية

مدرب ضمن فريق برنامج موهبة الصيفي ٢٠١١ المقام في جامعة الملك سعود في مدينة الرياض في فترة ١-٨-١٤٣٢ الي ١٩-٨-١٤٣٢

مدرب ضمن فريق برنامج موهبة الصيفي ٢٠١٦ المقام في جامعة الملك سعود في مدينة الرياض في فترة ٧-١١-١٤٣٨ الي ٢٧-١١-١٤٣٨