

Soad K. Al-Daihan

(September- 2013)

PERSONAL INFORMATION:

Name Sooad Khalaf Al-Daihan

Nationality: Saudi

Present status: Associate professor

Address: Biochemistry Department- College of Science- King Saud University

ACADEMIC QUALIFICATIONS:

1- BSc in Biochemistry- Biochemistry Dept.- College of Science, King Saud University. Date of Graduated: 1996-1997.

2- PhD in Biochemistry and Molecular Biology- College of Medicine- Southampton University. Date of Graduated: 17/12/2001.

-POSITION HELD:

1- Assistant professor- Biochemistry Dept.- College of Science- King Saud University since 8/7/1423.

2- Supervisor of the Central Lab, Centre for Science and Medical Studies for Girls, King Saud University, Riyadh, 16/4/1424-16/4/1426.

3- Deputy Head- Biochemistry department, Centre for Science and Medical Studies for Girls, King Saud University, Riyadh, 9/5/1428.

- RESEARCH ACTIVITY:

1- Principle investigator in the project “Sublethal concentration of plant molluscicides for disturbing schistosome life cycle”. Deanship of Scientific Research, King Saud University.

2 - Relationship between heavy metal pollution and oxidative stress/ impaired energy metabolism of Saudi autistic Children. Sabic Company.

3- Principle investigator in the project “Assessment of Radium Inventory in Water, Soil and Plants in Al-Qassim Area Environment”. Deanship of Scientific Research, King Saud University.

-LIST OF PUBLICATION:

1) Shoolingin-Jordan, P.M., Al-Daihan, S., Alexeev, D., Baxter, R.L., Bottomley, S.S., Kahari, I.D., Roy, I., Sarwar, M., Sawyer, L., and Wang, S.F. (2003)

5-Aminolaevulinic acid synthase: mechanism, mutations and medicine. BBA-Proteins and Proteomics, 1647, 361-366.

2) El-ansary, A., Al-Daihan, S. (2005) Stage-specifically expressed schistosome Proteins as potential chemotherapeutic targets. Med Sci Monit., 11(3): 94-103. Review.

- 3) El-ansary, A., Al-Daihan, S. (2006) Aspects of schistosome-Biomphalaria snail interactions as target for antischistosome drugs. Med Sci Monit., 12(12): 282-292. Review.
- 4) El-ansary, A., Al-Daihan, S. (2007) Effect of sublethal concentrations of Solanum nigrum plant on transaminases and lactate dehydrogenase of Biomphalaria Arabica, molluscan host of Schistosoma mansoni in Saudi Arabia. J.Egypt.Soci. Parasitol. 37(1):39-50.
- 5) Al-Daihan, S. (2007) Selected enzymatic activities in control and molluscicides treated Biomphalaria Arabica snails molluscan hosts to Schistosoma mansoni in Saudi Arabia. J.Appl. Sci..
- 6) El-Ansary, A., Al-Daihan, S (2009) On the toxicity of therapeutically used nanoparticles: An overview J Toxicol. 2009: 754810.
- 7) Al-Daihan, S (2010) Effect of plant molluscicides on selected enzymes related to energy metabolism in Biomphalaria Arabica snails molluscan hosts to Schistosoma mansoni In Saudi Arabia. JOURNAL OF THE EGYPTIAN SOCIETY OF PARASITOLOGY 40 (1) :187.
- 8) Al-Qasem A., Toulimat M., Eldali A., Tulbah A., Al-yousef N., Al-Daihan S, Al-Tassan N, Al- Tweigeri T and Aboussekhra A. (2011) Identification of novel p53 mutations and association between the codon 72 polymorphism and risk as well as early onset of breast cancer among Saudi patients. ONCOLOGY LETTERS 2: 363-369.
- 9) El-Ansary A., Al-Daihan S., Al-Dbass A., Al-Ayadhi L. (2010) Measurement of selected ions related to oxidative stress and energy metabolism in Saudi autistic children. Clinical Biochemistry 43: 63-70.
- 10) El-Ansary A., Al-Daihan S., AlDbass A. Al-Ayhadi L. (2010) Key Glycolytic enzymes as biomarkers in plasma of Saudi autistic children. Open access Journal clinical trials, 2:1-9
- 11) Al-Daihan S., Kaggwa J.S. and El-Ansary A. (2010) The effect of a sublethal concentration of Solanum nigrum on some antioxidant in Biomphalaria Arabica. JOURNAL OF THE EGYPTIAN SOCIETY OF PARASITOLOGY 40 (1).
- 12) El-Ansary A., Al-Daihan S., El-Gezeery A. (2011) On the protective effect of omega-3 against propionic acid-induced neurotoxicity in rat pups. Lipids Health Dis. 10(1):142
- 13) Al-Onazi M., Al-Daihan S., El-Ansary A. And Marrsiki N. (2011) Isolation and Characterization of *Thielaviopsis paradoxa* L-alanine Dehydrogenase. Asian J Applied Sci, 1-10
- 14) Najat Hamed, Ramesa Shafi, Nada Al-Tassan, Soaad Al-Daihan. (2012) Genetic characterization of Biomphalaria arabica, the molluscan intermediate host for schistosomes in Saudi Arabia. International Journal of Biosciences (IJB), ISSN: 2220-6655 (Print) 2222-5234, Vol. 2, No. 11, p. 30-36.

- 15) Ramesa Shafi Bhat and Sooad Al-Daihan. (2012) Antibacterial properties of different cultivars of *Phoenix dactylifera L* and their corresponding protein content. *Annals of Biological Research*, 3 (10):4751-4757
- 16) Sooad Al-Daihan, Manar Al-Faham, Nora Al-shawi, Rawan Almayman, Amal Brnawi, Sema zargar, Ramesa shafi Bhat. (2012) Antibacterial activity and phytochemical screening of some medicinal plants commonly used in Saudi Arabia against selected pathogenic microorganisms. *Journal of King Saud University – Science*, doi: <http://dx.doi.org/10.1016/j.jksus.2012.11.003>.
- 17) Abeer M. Al-Dbass *, Sooad K. Al-Daihan, Ramesa Shafi Bhat (2012) *Agaricus blazei* Murill as an efficient hepatoprotective and antioxidant agent against CCl₄-induced liver injury in rats. *Saudi Journal of Biological Sciences*, 19, 303–309.
- 18) Sooad Al-daihan and Ramesa Shafi Bhat (2012) Antibacterial activities of leaf, fruit, seed and bark of *Phoenix dactylifera*. *African Journal of Biotechnology* Vol. 11(42), pp. 10021-10025, 24.
- 19) Bhat, R.S., **Al-daihan, S.** (2013) Antimicrobial activity of Litchi chinensis and Nephelium lappaceum aqueous seed extracts against some pathogenic bacterial strains. *Journal of King Saud University Science* (2013), <http://dx.doi.org/10.1016/j.jksus.2013.05.007>
- 20) Bhat RS and **Al-Daihan. S** (2013) Antimicrobial Activity of *Garcinia Mangostana* Using Different Solvents Extracts. *Int. J. Biosci.* 3(10), 267-272
- 21) Ramesa shafi bhat & **Sooad Al-daihan.** (2013). Phytochemical constituents and antibacterial activity of some green leafy vegetables. *Asian pacific journal of tropical biomedicine*. [**IN PRESS**]