

CURRICULUM VITAE

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Education :

- 1- **B.Sc. In Biochemistry**. Dept. of Biochemistry, Faculty of Science, Ain Shams University. 1989.
- 2- **M.Sc. In Biochemistry**, Dept. of Biochemistry, Faculty of Science, Ain Shams University. 1995. Title "Biochemical studies on turnip peroxidases".
- 3- **Ph.D. In Biochemistry and Molecular Biology** 2001. Córdoba University, Spain. Title "Analysis on the Molybdenum Cofactor Carrier Protein (MocoCP) of *Chlamydomonas reinhardtii*".

List of publications:

1. Fereniki Perperopoulou, Nirmal Poudel, Anastassios C. Papageorgiou, **Farid Ataya** and Nikolaos E. Structural and Functional Characterization of *Camelus dromedarius* Glutathione Transferase M1-1. *Life* 2022, 12, 106. (**Impact factor 3.8 Q2**), <https://doi.org/10.3390/life12010106>.
2. Saba Abdi, Amani Ahmed Alghamdi, Nouf Nasser Abdullallah AlGhunaim, Reem Muteb Almutairi, **Farid Shokry Ataya**, Mohammed Ghouse Ahmed Ansari, Syed Danish Hussain, Mohammad Masoud, Abir Alamro, Othman T. Almutairi, Nasser M. Al-Daghri, Taim Abdullah Muayqil. Association of Alzheimer's disease with genetic variants of Apolipoprotein E, Clusterin, TNF- α and IL-6 among elderly Saudis. *Current Pharmaceutical Biotechnology*. 2022, 23, (15): 1893 - 1902 (**Impact factor 2.837, Q3**), ISSN: 1389-2010, eISSN: 1873-4316 [DOI: 10.2174/1389201023666220208093919](https://doi.org/10.2174/1389201023666220208093919)
3. Hesham Saeed, Eman Elsayy, Manal Shalaby, Manal Abdel-Fattah, Asmaa Hemida, Ahmad Eldoksh, **Farid Shokry Ataya**, Hesham Nematalla, Mohamed Elkewedi, Nikolaos N. Labrou & Nefertiti El-Nikhely. (2022): L-asparaginase from *Dickeya chrysanthemi* : expression, purification and cytotoxicity assessment. *Preparative Biochemistry & Biotechnology*. 2022;52(6):668-680. (**Impact factor 3.2, Q3**), ISSN: 1082-6068. [DOI: 10.1080/10826068.2021.1983831](https://doi.org/10.1080/10826068.2021.1983831) Accession Number WOS:000704266000001, PubMed ID34612174
4. Shariq Shamsi, Hina Anjum1, Mohd Shahbaaz, Mohd Shahnawaz Khan, **Farid S Ataya**, Alya-Alamiri, Fohad Mabood Husain, Md. Tabish Rehman, Asimul Islam, Md. Imtaiyaz Hassan,

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5. Saeed H, Abdel-Fattah M, Eldoksh A, **Ataya FS** and Shalaby M. The Arabian Camel, *Camelus dromedarius* Interferon Alpha: Cloning, Expression in *Escherichia coli*, *in vitro* Refolding and Cytotoxicity on Triple Negative Breast Cancer Cell Line MDA-MB-231. *Pakistan Journal of Zoology*. 2021, 53(4), pp 1525-1535, **(Impact factor 0.79, Q3)**, ISSN: 0030-9923. DOI: <https://dx.doi.org/10.17582/journal.pjz/20200420000447>
 6. Dalia Fouad, Asma Hajla, **Farid S. Ataya** and Ebtsam Al-Olayan. Haematological, Physiological, Histopathological, and Immunological Effects of Pinworm (*Aspicularis tetraptera*) Infection in Laboratory Mice. *Journal of Biological Sciences*. 2021, 21 (1): 10-18, DOI: [10.3923/jbs.2021.10.18](https://doi.org/10.3923/jbs.2021.10.18)
 7. Nihal Aly, Amani El-Ahwany. **Farid Shokry Ataya**. Hesham Saeed. *Bacillus sonorensis* L-Asparaginase: Cloning, Expression in *E. coli* and Characterization. *Protein J*. 2020: **39**, 717-729 (Impact factor 1.317, Q4), ISSN: 1572-3887, eISSN: 1573-4943. DOI: [10.1007/s10930-020-09932-x](https://doi.org/10.1007/s10930-020-09932-x) Accession Number: WOS:000583993300003, PubMed ID: 33106988
 8. Saeed H., Hemida A., El-Nikhely N., Abdel-Fattah M., Shalaby M., Hussein A., Eldoksh A., **Ataya F.**, Aly N., Labrou NE., Nematalla H. Highly efficient *Pyrococcus furiosus* recombinant L-asparaginase with no glutaminase activity: Expression, purification, functional characterization, and cytotoxicity on THP-1, A549 and Caco-2 cell lines . *International Journal of Biological Macromolecules*. 2020. **156**, 812-828. **(Impact factor 5.16, Q1)**, ISSN: 0141-8130. <https://doi.org/10.1016/j.ijbiomac.2020.04.080> Accession Number: WOS:000538104200084, PubMed ID: 32311402
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 12. Manal Abdel-Fattah, Hesham Saeed, Lamiaa El-Shennawy, Manal Shalaby, Amira Embaby, **Farid Ataya**, Huda Mahmoud, Ahmed Hussein. The Arabian camel, *Camelus dromedarius* interferon epsilon: Functional expression, *in vitro* refolding, purification and cytotoxicity on breast cancer cell lines. *Plos One*. 2019 **(Impact factor. 3.3, Q1)**, ISSN: 1932-6203. doi: [10.1371/journal.pone.0213880](https://doi.org/10.1371/journal.pone.0213880). eCollection 2019
 13. Dalia Fouad, Hassah Alhatem, Rewaida Abdel-Gaber, **Farid Ataya**. Hepatotoxicity and renal toxicity induced by gamma-radiation and the modulatory protective effect of *Ficus carica* in male albino rats. *Research in Veterinary Science*. 2019, 125: 24-35 **(Impact factor 1.69, Q1)** ISSN: 0034-5288. <https://doi.org/10.1016/j.rvsc.2019.05.010> .
 14. Rewaida Abdel-Gaber, **Farid Ataya**, Dalia Fouad, Mohamed Daoud, Shatha Alzuhairy. Prevalence, morphological and molecular phylogenetic analyses of the rabbit pinworm, *Passalurus ambiguus* Rudolphi 1819, in the domestic rabbits *Oryctolagus cuniculus*. *Acta Parasitologica*. 2019: 64(2):316-330. **(Impact factor. 1.1, Q4)**, ISSN: 1230-2821.

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16. Chronopoulou EG, Vlachakis D, Papageorgiou AC, Ataya F, and Labrou NE. Structure-based design and application of an engineered glutathione transferase for the development of an optical biosensor for pesticides determination. *Biochimica et Biophysica Acta-General Subjects*. 2019, 1863: 565-576. **(Impact factor. 4.8, Q2)**, **ISSN:** 0304-4165 **eISSN:** 1872-8006. doi.org/10.1016/j.bbagen.2018.12.004 Accession Number: WOS:000457507300005 **ISPP**
17. Abdel-Gaber R, Fouad D, **Ataya FS**, Morsy K, Maher S. Morphological identification and molecular characterization of 18S rDNA of two hemiurid trematodes (*Lecithocladium cristatum* Rudolphi, 1819 and *Lecithocladium parviovum* Yamaguti, 1953) infecting the greater lizardfish *Saurida tumbil* (Pisces: Synodontidae) inhabiting the Red Sea. *Gene*, 2019, 683: 243-252 **(Impact factor. 2.4, Q3)**, **ISSN:** 0378-1119. [doi:10.1016/j.gene.2018.10.041](https://doi.org/10.1016/j.gene.2018.10.041) Accession Number: WOS:000452565700027.
18. Theoharaki C, Chronopoulou E, **Ataya FS**, Giannopoulos P, Maurikou S, Skopelitou K, Papageorgiou AC, and Labrou NE. Delineation of the functional and structural properties of the glutathione transferase family from the plant pathogen *Erwinia carotovora*. *Functional & Integrative Genomics*. 2019, 19 (1) 1-12. **(Impact factor 3.5, Q2)**, **ISSN:** 1438-793X, **eISSN:** 1438-7948. [doi:10.1007/s10142-018-0618-8](https://doi.org/10.1007/s10142-018-0618-8). **ISPP** Accession Number: WOS:000454564300001
19. Chronopoulou EG, Papageorgiou AC, **Ataya FS**, Nianiou-Obeidat I, Madesis P and Labrou NE. Expanding the plant GSTome through directed evolution: DNA shuffling for the generation of new synthetic enzymes with engineered catalytic and binding properties. *Frontiers in Plant Science*, 2018. 9:1737 **(Impact factor. 3.67, Q1)**, **ISSN:** 1664-462X. [doi:10.3389/fpls.2018.01737](https://doi.org/10.3389/fpls.2018.01737) Accession Number: WOS:000451890700001. **ISPP**
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21. Chronopoulou EG, **Ataya FS**, and Labrou NE. A Microplate-based Platform with Immobilized Human Glutathione Transferase A1-1 for High-throughput Screening of Plant-origin Inhibitors. *Current Pharmaceutical Biotechnology*. 2018, 19: (11) 925-931 **(Impact factor. 2.0, Q3/4)**, **ISSN:** 1389-2010. [doi:10.2174/1389201019666181029103538](https://doi.org/10.2174/1389201019666181029103538). Accession Number: WOS:000455097800001, **ISPP**
22. Saeed H, Soudan H, El-Sharkawy A, Farag A, Embaby A, **Ataya F**. Expression and Functional Characterization of *Pseudomonas aeruginosa* Recombinant L. Asparaginase. *Protein J*. 2018 37:461–471. **(Impact factor 1.1, Q4)**, **ISSN:** 1572-3887, **eISSN:** 1573-4943 [doi:10.1007/s10930-018-9789-3](https://doi.org/10.1007/s10930-018-9789-3). Accession Number: WOS:000443721400006
23. Marinou M, Platis D, **Ataya F**, Chronopoulou E, Vlachakis D, Labrou NE. Structure-Based Design and Application of a Nucleotide Coenzyme Mimetic Ligand: Application to the Affinity Purification of Nucleotide Dependent Enzymes. *Journal of Chromatography A*. 2018, 1535: 88-100. **(Impact factor 3.7, Q1)**, **ISSN:** 0021-9673. doi.org/10.1016/j.chroma.2018.01.009 Accession Number: WOS:000425074000010 **ISPP**

24. Hesham Saeed, Mohamad Ismael, Amira Embaby, **Farid S. Ataya**, Ajmaluddin Malik, Manal Shalaby, Sabah El-Banna, Ahmed AM Ali, Khalid Bassiouny. Overexpression, purification and enzymatic characterization of a recombinant Arabian camel *Camelus dromedarius* glucose-6-phosphate dehydrogenase. *Protein Expression and Purification*. 2018, 142: 88-94 (**Impact factor 1.4, Q4**), ISSN: 1046-5928. [doi:10.1016/j.pep.2015.09.002](https://doi.org/10.1016/j.pep.2015.09.002) Accession Number: WOS:000415277500013.
25. Hesham Saeed, Hadeer Ali, Hadeer Soudan, Amira Embaby, Amany El-Sharkawy, Aida Farag, Ahmed Hussein, **Farid S. Ataya**. Molecular cloning, structural modeling and production of recombinant *Aspergillus terreus* L. asparaginase in *Escherichia coli*. *International Journal of Biological Macromolecules*. 2018, 106: 1041–1051 (**Impact factor 3.9, Q2**), ISSN: 0141-8130. [doi: 10.1016/j.ijbiomac.2017.08.110](https://doi.org/10.1016/j.ijbiomac.2017.08.110) Accession Number: WOS:000417661600118
26. **Farid S. Ataya**, Dalia Fouad, Ajmaluddin Malik, Nikolaos E. Labrou, Mohamed S. Daoud Hesham M. Saeed, Cloning, expression and molecular characterization of glutathione transferase P1-1 from the camel *Camelus dromedarius*. *Pakistan Journal of Zoology*. 2017, 49: 2279-2289 (**Impact factor 0.55, Q4**), ISSN: 0030-9923, [DOI: http://dx.doi.org/10.17582/journal.pjz/2017.49.6.2279.2289](https://doi.org/10.17582/journal.pjz/2017.49.6.2279.2289) Accession Number: WOS:000424964600042.
27. Abdulaziz A. Al-Jafari, Mohamed S. Daoud, **Farid S. Ataya**. Renin-Angiotensin System Gene Polymorphisms and Coronary Artery Disease in Saudi Patients with Diabetes Mellitus. *International Journal of Clinical and Experimental Pathology* 2017, 10(10):10505-10514 (**Impact factor 1.63, Q3**), ISSN: 1936-2625. [PDF](#) Accession Number: WOS:000416887200041.
28. Fereniki Perperopoulou, **Farid S. Ataya**, Dalia Fouad, Ajmaluddin Malik, Hesham M. Saeed, Nikolaos E. Labrou. Biochemical characterization of the detoxifying enzyme glutathione transferase P1-1 from the camel *Camelus dromedarius*. *Cell Biochemistry and Biophysics*. 2016, 74 (4):459–472 (**Impact factor 1.63, Q4**), ISSN 1085-9195. [PDF, doi:10.1007/s12013-016-0761-6](https://doi.org/10.1007/s12013-016-0761-6). Accession Number: WOS:000387411500002. [KACST](#)
29. Abdulaziz A. Al-Jafari A, Mohamed S. Daoud **Farid S. Ataya**. ACE Gene Insertion/Deletion Polymorphism in Coronary Artery Disease in the Saudi Population. *Archives of Applied Science Research*, 2016, 8 (3):4-10. ISSN 0975-508X, [PDF](#).
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31. Hesham Saeed, Manal Shalaby, Amira Embaby, Mohamad Ismaeil, Akbar Pathan, **Farid S. Ataya**, Mohammad Alanazi, Khalid Bassiouny. The Arabian camel *Camelus dromedarius* heat shock protein 90 α : cDNA cloning, characterization and expression. *International Journal of Biological Macromolecules*. 2015, 81: 195–204 (**Impact factor 3.0**) ISSN: 0141-8130. [PDF, doi:10.1016/j.ijbiomac.2015.07.058](https://doi.org/10.1016/j.ijbiomac.2015.07.058). Accession Number: WOS:000367408300023.
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 39. **Farid S. Ataya** (2012) Cloning, Phylogenetic Analysis and 3D Modeling of a Putative Lysosomal Acid Lipase from the Camel, *Camelus dromedarius*, *Molecules*. 17(9), 10399-10413; doi:[10.3390/molecules170910399](https://doi.org/10.3390/molecules170910399) (**Impact factor 2.38**)
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46. **Farid S. Ataya**, Igeño M-I, Galván A, Fernández E. (2003) Molecular studies on the molybdenum cofactor carrier protein of *Chlamydomonas reinhardtii*. *J. Biol. Chemistry.* 278: (13) 10885-10890. **(Impact factor 5.3)**, DOI: 10.1074/jbc.M211320200
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Papers under preparation

1. Dalia Fouad, **Farid Shokry Ataya**, Hamza Huntoul, Saad Alqarni, Abuelgassim O. Abuelgassim, Nabil Amor. Molecular characterization of recombinant urate oxidase enzyme from *Penicillium digitatum*. Submitted in *Fresenius Environmental Bulletin* - FEB_19_01145 **(Impact factor 0.64)** ISSN: 1018-4619. Germany
2. **Ataya FS**, Fouad D, Labrou NE (2019): Kinetic studies on *Camelus dromedarius* Cu-Zn SOD. (in preparation)
3. **Ataya FS**, Fouad D, Labrou NE (2019): Biochemical characterization of recombinant MnSOD from *Camelus dromedarius*. (in preparation)
4. **Ataya FS**, Fouad D, Labrou NE (2019): Molecular cloning, expression and characterization of GST-Theta from *Camelus dromedarius*. (in preparation)

سادساً : الندوات العلمية الداخلية والخارجية

1- دورة تدريبية بعنوان
The 5th Annual Saudi MPN Summit (Myeloproliferative Neoplasms- King
Saud bin Abdulaziz University for Health Sciences. Convention Center- Ministry of National
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- 2nd Vitamin D Symposium (Vitamin D in Health and Disease) 20- " دورة تدريبية بعنوان " 3-
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Published books or chapter in books:

1. Labrou NE, Chronopoulou EG. Ataya F. Handbook on protein purification: Industry challenges and technological developments. 2018 by Nova Science Publishers, Inc. ISBN: 978-1-53614-365-2
2. Platis D, Maltezos A, Chronopoulou EG, Ataya F, Labrou NE. Comparative Analysis of the Equilibrium Binding and Adsorption Kinetics of CHO-and Maize-Derived Recombinant Monoclonal Antibodies on Protein A Affinity Adsorbent. Chapter 4. Page 67-78. In “Handbook on protein purification: Industry challenges and technological developments” Labrou NE, Chronopoulou EG. Ataya F. 2018; Nova Science Publishers, Inc. ISBN: 978-1-53614-365-2
3. Evangelia Chronopoulou, **Farid S. Ataya**, Fotini Pouliou, Fereniki Perperopoulou, Nikolaos Georgakis, Irini Nianiou-Obeidat, Panagiotis Madesis and Nikolaos E. Labrou. Structure, evolution and functional roles of plant glutathione transferases. In book: Glutathione in Plant Growth, Development, and Stress Tolerance, Springer 2017. pp.195-213. [DOI: 10.1007/978-3-319-66682-2_9](https://doi.org/10.1007/978-3-319-66682-2_9). [PDF](#)
4. Evangelia Chronopoulou, **Farid S. Ataya**, Irini Nianiou-Obeidat, Panagiotis Madesis, Fotini Pouliou, Fereniki Perperopoulou, Nikolaos Georgakis and Nikolaos E. Labrou. The role of plant glutathione transferases in abiotic stress response and herbicide resistance. Springer 2017, pp.215-233, [DOI: 10.1007/978-3-319-66682-2_10](https://doi.org/10.1007/978-3-319-66682-2_10). [PDF](#)
5. **Ataya FS**, Fouad D (2005). Biochemistry. AlRoshd Publisher, Riyadh, KSA
6. **Ataya FS** (2005). Practical Biochemistry. AlRoshd Publisher, Riyadh, KSA
7. Fouad D, **Ataya FS** (2005). Endocrine Glands. AlRoshd Publisher, Riyadh, KSA
8. **Ataya FS**, Igeño M-I, Galván A, Fernández E (2002). Caracterización funcional de la MocoCP (proteína portadora del cofactor de molibdeno) recombinante de *Chlamydomonas reinhardtii*. Publicaciones de la Universidad de Navarra.
9. **Ataya FS**, Igeño M-I, Witte CP, Fernández E (2000). Aislamiento y caracterización de un cDNA para la proteína portadora del cofactor de molibdeno en *Chlamydomonas reinhardtii*. En: Avances en el metabolismo del nitrógeno: Bioquímica, Fisiología y Biología Molecular. (Francisco M. Canovas, F. Javier Florencio eds). Pub. Málaga University. Pp. 161-166.

Communications to Conferences

1. Fereniki Perperopoulou, **Farid Ataya**, Nikolaos E Labrou. 2017. Molecular characterization of glutathione transferase M1-1 from the *Camelus dromedarius*. 15th World Congress on Biotechnology And Biotech Industries Meet. 2nd International Conference on Enzymology & Mol. Biology. March 20-21, 2017. Volume 7, Issue 1 (Suppl), J Biotechnol Biomater, ISSN: 2155-952X JBIBM, Rome, Italy. <http://dx.doi.org/10.4172/2155-952X.C1.071>
2. Fereniki Perperopoulou, **Farid Ataya** and Nikolaos E Labrou. Characterization of the pesticide detoxifying enzyme CdGSTM1-1 by kinetic analysis and differential scanning fluorimetry. 4th European Chemistry Congress. May 11-13, 2017 Barcelona, Spain. Chem Sci J 2017, 8:2(Suppl) <http://dx.doi.org/10.4172/2150-3494-C1-009>
3. **Farid S. Ataya**, Molecular studies on one-humped camel urate oxidase enzyme and its applications” 1st Annual research Conference “Animal models in infectious diseases” organized by Epigenetics Core Laboratory at the Heinrich-Heine University. Germany 12-15/6/2015
4. Dalia Fouad **Farid S. Ataya**. Cloning, molecular modeling and kinetic study of glutathione transferase P1-1 from the camel *Camelus dromedarius*. ” 1st Annual research Conference “Animal models in infectious diseases” organized by Epigenetics Core Laboratory at the Heinrich-Heine University. Germany 12-15/6/2015
5. **Farid S. Ataya**, Dalia Fouad. Molecular cloning, characterization and predicted structure of SOD2 enzyme from camel, *Camelus dromedarius*. 5th International Conference on Biotechnology for the wellness industry Malaysia, Jun 10-11, 2014.
6. Dalia Fouad **Farid S. Ataya**. Molecular cloning, characterization and predicted structure of SOD2 enzyme from camel, *Camelus dromedarius*. 5th International Conference on Biotechnology for the wellness industry Malaysia, Jun 10-11, 2014.
7. Mohamed S. Daoud, Abdulaziz A. Al-Jafari, **Farid S. Ataya**, Dalia Fouad. Renin-Angiotensin-Aldosterone system gene polymorphisms among Saudi patients with Coronary artery disease. The 29th meeting of the Saudi Biological Society. Dammam, Saudi Arabia, Feb 25-27, 2014.
8. **Farid S. Ataya**, Abdul Aziz Al-Jafari, Mohamed S. Daoud and Dalia Fouad (2014) Molecular Cloning and in silico bioinformatics analysis of mitochondrial glutathione S-transferase-kappa from the camel, *Camelus dromedarius*. The 29th meeting of the Saudi Biological Society. Dammam, Saudi Arabia, Feb 25-27, 2014.
9. Mohamed M. Ibrahim, Amal A. Hazani, Afaf I. Shehata, Gehan A. EL-Gaaly, Abdulaziz Al-Jafari, **Farid Ataya**, Humaira Rizwana and Nadine M.S. Moubayed. Synthesis of eco-friendly

silver nanoparticles using plant extracts and assessment of their antimicrobial activity. World Biotechnology Congress. June 3-6, 2013. Boston, MA, USA

10. **Ataya F (2013)** Molecular Cloning, Phylogenetic Analysis and 3D Modeling of a Putative Lysosomal Acid Lipase from the Camel, *Camelus dromedarius*. The 28th meeting of the Saudi Biological Society. Hael, Saudi Arabia, April 9-11, 2013.
11. Fouad D, **Ataya FS**, Al Obaid H (2013): The effect of melatonin on the oxidative stress induced by food colorant additives on some blood parameters and antioxidant defense system in the kidney of male rats. The 28th meeting of the Saudi Biological Society. Hael, Saudi Arabia, April 9-11, 2013. (Awarded the best work, Poster)
12. **Ataya FS**, Fouad D (2012): Molecular Cloning, Characterization and Predicted Structure of a Putative Copper-Zinc SOD1 from the Camel, *Camelus dromedarius*. The 27th meeting of the Saudi Biological Society. Jazan, Saudi Arabia, March 6-8, 2012. (Awarded the best work, Poster)
13. Fouad D, **Ataya FS**, Hessa Al Obaid (2012): The Modifying Effect of Melatonin on the Cytotoxicity Induced by Sunset Yellow in Male Rats . The 27th meeting of the Saudi Biological Society. Jazan, Saudi Arabia, March 6-8, 2012.
14. Fouad D, **Ataya FS**, Jordi Muntane (2011): Expression of p53 during apoptosis induced by D-galactosamine and the protective role of PGE1 in cultured rat hepatocytes. The 26th meeting of the Saudi Biological Society. AlTaif, Saudi Arabia, May 10-12, 2011.
15. **Ataya FS (2010)**: Partial sequence of glutathione S-transferase gene of Arabian camel *Camelus dromedarius*. The XXXIII Conference of The Spanish Society for Biochemistry and Molecular Biology (SEBBM) Cordoba , Spain, September 15 - 17, 2010.
16. **Ataya FS**, Anazi MS, and Saeed HM (2010): Phase II Drug Metabolizing Enzyme glutathione S-transferase Pi: Identifying the gene sequence from Arabian camel *Camelus dromedarius*. 4th International Conference of Biomarkers in Chronic Diseases (4th ICBCD, 2010) Riyadh, Saudi Arabia on May 4-6, 2010.
17. **Ataya FS** (2009): The First International Conference on Biotechnology (Towards Knowledge-Based Economy). Riyadh, Saudi Arabia on Feb 16-18, 2009.
18. **Ataya FS**, Igeño MI, Galván A, Fernández E (2002): Molecular análisis on the Molybdenum cofactor carrier protein of *Chlamydomonas reinhardtii*. Nitrogen Assimilation, Molecular and Genetic Aspects (NAMGA 2002), July 2002. Córdoba. Spain.
19. **Ataya FS**, Witte C-P, Igeño MI, Galván A, Fernández E (2002): Nueva proteína portadora del cofactor de molibdeno de *Chlamydomonas reinhardtii*. Reunión Nacional Del Plan Andaluz de Investigación de Fijación de Nitrógeno, Febrero 2003. Benalauría. Spain.

20. **Ataya FS**, Igeño MI, Galván A, Fernández E (2002): Caracterización molecular de la proteína portadora del cofactor de molibdeno de *Chlamydomonas reinhardtii*. IX Reunión Nacional de Fijación de Nitrógeno, Febrero 2002. Córdoba. Spain.
21. **Ataya FS**, Igeño MI, Galván A, Fernández E (2001): Clonación y carecterización de la proteína portadora del cofactor de molibdeno (MocoCP) de *Chlamydomonas reinhardtii*. I Jornada de Divulgación de la Investigación en Biología Molecular, Celular y Biotecnología, Diciembre 2001, Córdoba, Spain.
22. Fernández E, Galván A, **Ataya FS**, Pérez-Alegre M, Llamas A, González D, Mariscal V, Macías MI, Prieto R, Igeño MI, Merchán F, Quesada A, Cómez I, Pozuelo M, Rexach J, Navarro MT (2001): Biología Molecular de la asimilación de nitrato en algas. I Jornada de Divulgación de la Investigación en Biología Molecular, Celular y Biotecnología, Diciembre 2001, Córdoba, Spain.
23. **Ataya FS**, Igeño M-I, Galván A, Fernández E (2001): Caracterización funcional de la MocoCP (proteína portadora del cofactor de molibdeno) recombinante de *Chlamydomonas reinhardtii*. VI Reunión Nacional del Metabolismo de Nitrógeno, Junio 2001. Pamplona, Spain.
24. Igeño M-I, **Ataya FS**, Fernández E. (2000): Estudios moleculares de la proteína portadora del cofactor de molibdeno en *Chlamydomonas reinhardtii*. XXIII Congreso de la SEBBM. Septiembre, 2000, Granada, Spain.
25. **Ataya FS**, Igeño M-I, Witte, CP, Fernandez E (1999): Aislamiento y caracterización del gen de la proteína portadora de MoCo (cofactor de molibdeno) en *Chlamydomonas reinhardtii* . V Reunión Nacional del Metabolismo del Nitrógeno
26. **Ataya FS**, Igeño M-I, Witte CP, Fernández E (1999): Aislamiento y caracterización de un cDNA para la proteína portadora del cofactor de molibdeno en *Chlamydomonas reinhardtii*. V Reunión Nacional del Metabolismo del Nitrógeno y I Reunión con el grupo de la Biochemical Society. Torremolinos (Málaga), Spain, 1999.
27. Igeño M-I, Witte C-P, **Ataya FS**, Mendel RR, Fernández E (1998): Molybdenum cofactor binding protein in *Chlamydomonas reinhardtii*. 5th International Symposium on inorganic Nitrogen Assimilation. July 1998, Luso- Portugal.
28. **Ataya FS**, Igeño M-I, Witte CP, Mendel RR, Fernández E (1998): Proteínas relacionadas con el metabolismo de molibdeno en *Chlamydomonas reinhardtii*. XXI Congreso de la Sociedad Española de Bioquímica y Biología Molecular. Septiembre 1998, Sevilla, Spain
29. Igeño M-I, Witte C-P, **Ataya FS**, Fernández E (1998): Molybdenum cofactor binding protein in *Chlamydomonas reinhardtii* 8th International Conference on the Cell and Molecular Biology of Chlamydomonas. June, 1998, California, USA.

30. Fernández E, Witte C-P, Igeño M-I, **Ataya FS**, Llamas A, Kalakoutskii, KL, Merchan F, Perez-Alegre M, Mendel RR (1998): Nitrate assimilation in *Chlamydomonas*: regulation and molybdenum cofactor. Workshop on the Molecular Bases of Nitrate metabolism in Microorganisms.

Participation in Investigation Projects

- 1. Title of the Project:** Cloning, expression and characterization of urate oxidase for possible diagnostic kit preparation
Duration: from May 2017-May 2018
Principal Investigator: Dr. Farid Shokry Ataya
Area of the Project: Biotechnology
Funded by: King AbdulAziz City of Science and Technology (KACST)
Project # 223-37 م ص
- 2. Title of the Project:** Study of the hypoglycemic and hypolipidemic effects of ferulic acid extracts of date palm leaves in rats
Duration: from 2014-2017
Principal Investigator: Dr. AboulGassim O. AboulGassim
Area of the Project: Biotechnology
Funded by: National Plan for Science & Technology, KSA-KSU
Project # BIO-2694
- 3. Title of the Project:** Cloning and characterization of camel's detoxification enzymes, GSTth, GSTpi and GSTomega
Duration: from 11/04/2013 to 2014
Principal Investigator: Dr. Dalia Fouad
Area of the Project: Biotechnology
Funded by: King AbdulAziz City of Science and Technology (KACST)
Project # 22-32 م ص
- 4. Title of the Project:** Therapeutic implications of stem cells
Duration: from 2010 to 2012
Principal Investigator: Dr. Faris Q. Alenzi
Area of the Project: Biotechnology
Funded by: National Plan for Science & Technology, KSA-KSU.
- 5. Title of the Project:** Biochemical studies on the DNA repairing enzymes in camel.
Duration: from 2009 to 2010
Principal Investigator: Dr. Farid S Ataya
Area of the Project: Biotechnology
Funded by: King AbdulAziz City of Science and Technology (KACST)
- 6. Title of the Project:** Molecular biology of the nitrate reduction in green algae. PB98-1022-CO2-02.
Duration: from 1999 to 2003
Principal Investigator: Dr. Emilio Fernández Reyes
Area of the Project: Biotechnology

7. Title of the Project:	Molecular Biology of the nitrate reduction in green algae. PB95-0554-CO2-01
Duration:	15-10-1997 to 1999
Principal Investigator:	Dr. Emilio Fernández Reyes
Area of the Project:	Biotechnology
8. Title of the Project:	Metabolism of the inorganic nitrogen in algae. Junta de Andalucia. PAI CVI-0128
Duration:	1997 to 2001
Principal Investigator:	Dr. Emilio Fernández Reyes
9. Title of the Project:	Biología molecular de la asimilación de nitrato en algas
Duration:	From 01/11/1999 to: 01/11/2002
Principal Investigator:	Dr. Emilio Fernandez Reyes
10. Title of the Project:	Enzyme Production for Clinical Diagnosis and Industrial Application.
Financed by:	USA Agency for International Development, Science and Technology Cooperation Program (STC) Agreement N° 263-0140.1.
Duration:	from 1991 up to 1994
Principal Investigator:	Dr. Abdel Hady Ghazy, National Research Center, Egypt.
11. Title of the Project:	Production of Enzyme for Clinical Diagnosis and Industrial Application
Financed by:	Ministry of Scientific Investigation, Egypt
Duration:	from 1992 up to 1997
Principal Investigator:	Dr. Ragaa Reda Hamed, National Research Center. Egypt.
12. Title of the Project:	Detoxifying Enzyme Used in Environmental Pollution.
Financed By:	Ministry of Scientific Investigation, Egypt
Duration:	from 1995 up to 1997
Principal Investigator:	Dr. Ragaa Reda Hamed, National Research Centre, Egypt.

Summary of Technical Experience

- 1- Chromatographic Techniques, these include isolation and purification of some enzymes and proteins.
- 2- Isolation and purification of bacterial DNA, plasmid DNA, and bacterial RNA.
- 3- Isolation and purification of mammalian DNA and RNA.
- 4- Preparation of genomic and cDNA library on phage lambda.
- 5- Screening of genomic and cDNA library with radioactive DNA probes and with antibodies (Immunoscreening).)
- 6- Different electrophoretic Techniques for DNA, RNA, and proteins.
- 7- Blotting techniques; Southern, northern, and western blotting.
- 8- Transformation and Expression in both *E. coli* and *Bacillus subtilis*.
- 9- Mutation detection using different molecular biology techniques such as; PCR, sequencing, RFLP, SSCP and DGGE.
- 10- Reverse Transcriptase Polymerase Chain Reaction (RT-PCR), Multiplex Polymerase Chain Reaction.
- 11- Sequencing techniques using automated DNA sequencer Megabace Machine (Amersham)

Courses given and Community Services

- 601 BCH Course (1 semester, Col. Science, KSU), 2 Credit hours, Advances in Applied Biochemistry, PhD course
- 555 BCH Course, (1 semester, Col. Science, KSU), 3 Credit hours, Experimental Techniques in Molecular Biology, Master of Science (MSc.) course
- 550 BCH Course, (2 semester, Col. Science, KSU), 1 Credit hour, Molecular Biology of The Gene, Master of Science (MSc.) course
- 530 BCH Course, (1 semester, Col. Science, KSU), 1 Credit hour, Biochemical Methodology, Master of Science (MSc.) course
- 520 BCH Course, (1 semester, Col. Science, KSU), 1 Credit hour, Mechanisms of Enzyme Action, Master of Science (MSc.) course
- 485 BCH Course (2 semesters, Col. Science, KSU), 1 Credit hour, Advanced Biochemistry Training course
- 452 BCH Course, (3 semesters, Col. Science, KSU), 2 Credit hours, Biomembranes and Cell Signaling
- 450 BCH Course, (4 semesters, Col. Science, KSU), 2 Credit hours, Biochemistry of specialized tissues
- 103 BCH course (1 semester, Col. Science, KSU), 2 Credit hours, Biochemical fundamentals of Life
- 202 BCH course (3 semester, Col. Science, KSU), 3 Credit hours, General biochemistry
- 303 BCH course (2 semester, Col. Science, KSU), 3 Credit hours, Protein Biochemistry
- 302 BCH course (4 semester, Col. Science, KSU), 4 Credit hours, General Biochemistry-2
- 201 BCH course (5 semester, Col. Science, KSU), 3 Credit hours, General biochemistry-1
- 101 BCH course (20 semesters, Col. Science, KSU), 4 Credit hours, General biochemistry
- 443 BCH Course, (10 semesters, Col. Science, KSU), 2 Credit hours, Biochemistry of specialized tissues
- 476 BCH Course, (10 semesters, Col. Science, KSU), 2 Credit hours, Biochemistry of antibiotics
- 102 BCH Course, (1 semester, Col. Science, KSU), 2 Credit hours, Biochemistry of Cell
- 498BCH, (7 semesters, Col. Science, KSU), 1 Credit hour, Research project-1
- 497BCH, (2 semesters, Col. Science, KSU), 3 Credit hour, Research project
- 499BCH, (7 semesters, Col. Science, KSU), 2 Credit hours, Research project-2
- General biochemistry course, Faculty of Education (Girls), Nuairaiyah, Eastern Region, KSA, Oct 2003 to June 2006,
- Biotechnology (4^o course of Biochemistry). Academic course: 1998-1999, University of Córdoba, Spain Professor responsible for the subject: Dr. Emilio Fernández Reyes
- Gene cloning, Practical Ph.D. course. 3 Credit hours: Academic course: 2000-2001, University of Córdoba, Spain, Professor responsible for the subject: Dr. Emilio Fernández Reyes

Community Services and Training given by Dr. Ataya

- 10 Credit Hours (Two days) training course Title “Risk Assessment and First Aid in the Laboratories” Deanship of Skill Development, KSU, Sa, 18-19/04/2016, 11-12/07/1437h.
- 10 Credit Hours (Two days) training course Title “Risk Assessment in the Laboratories” Community Service and Training Committee, KSU, Saudi Arabia, 21/03/2018, 27-28/07/1437h.
- 6 Credit Hours workshop entitled “Isolation and quantification of DNA” Community Service and Training Committee, KSU, Saudi Arabia, 10/04/2018.
- 4 Credit Hours Lecture entitled “Recombinant protein production” Community Service and Training Committee, KSU, Saudi Arabia, 21/03/2018.
- 6 Credit Hours Lecture entitled “Bioinformatics as tools in Drug Design” Community Service and Training Committee, KSU, Saudi Arabia, 10/04/2018.
- 6 Credit Hours Workshop entitled “Recombinant Protein Production” Community Service and Training Committee, KSU, Saudi Arabia, 22/05/1440.

- 6 Credit Hours Workshop entitled “Recombinant DNA Technology: from gene to protein” Monday 29/5/1440.
- 30 credit hours work shop entitled “Recombinant DNA Technology: from gene to protein” Monday 20/8/2019-5/9/2019
- 35 credit hours work shop entitled “Recombinant DNA Technology: from gene to protein” 15-24/5/2022
- 4 hours work shop entitled “Primer design and PCR technique” Abril 2022
-
-

Membership in Biochemistry dept. KSU Committees:

Coordinator of Curriculum committee (2014-to 2018)
 Coordinator of 101 BCH course committee (2009-to date)
 Coordinator of e-learning Committee (2012-to 2015)
 Coordinator of Student’s Activity Unit (2015-to date)
 Member of Training and Community Services Committee, College of Science (2016- to date)
 Member of Curriculum committee at the College (2014-to date)
 Member of the Training and Community Service Unit (2015 to date)
 Member of the Academic Accreditation Committee (2008-2009 and 2010 to 2011)
 Member of the E-learning College Committee (2011 to date)
 Member of Development and Quality Committee (2010-to 2015)
 Member of Practical lessons and Labs Committee (2008-2010)
 Member of the Student Partnership Committee (2010 to date)
 Coordinator of the curriculum and syllabus committee
 Member of the Committee for Graduate Studies and Research
 Member of the Department Steering Committee
 Member of the Committee of Community Service

Membership in Scientific Societies:

La Sociedad Española de Bioquímica y Biología Molecular (SEBBM), Spain
 Egyptian Society of Biochemistry and Molecular Biology, Cairo, Egypt
 German Egyptian Society of Animal Science, Cairo, Egypt
 The Union of Arab Biologist, Cairo, Egypt
 The Saudi Biological Society, Riyadh, Saudi Arabia

Membership in Editorial Board of Scientific Journals:

American Journal of Biochemistry and Molecular Biology
 Journal of Biological Sciences
 International Journal of Biological Chemistry
 African Journal of Biotechnology
 Asian Journal of Biochemistry
 Asian Journal of Biological Sciences
 King Abdul Aziz City of Science and Technology, KACST, (Saudi Arabia)
 National Plan of Science and Technology (Saudi Arabia)

تحكيم الرسائل العلمية

- عنوان الرسالة "تعيين مستويات السموم الداخلية كوسيط لنقل الالتهاب في مرض هشاشة العظام للنساء السعوديات بعد سن اليأس" Circulating endotoxin as a contributing inflammatory mediator in postmenopausal Saudi Women Osteoporosis
 اسم الطالب/ إبراهيم محمد عزيز- التاريخ 1436/8/15 هـ

- عنوان الرسالة "تنقية وتوصيف بروتين ويتا كريستالين المستنسخ من عدسة عين الجمل" Purification and characterization of recombinant camel lens zeta crystallin اسم الطالبة "شروق بنت ذعار البقمي" - التاريخ 1436/8/5هـ
- عنوان الرسالة "تطبيق تفاعل البلمرة المتسلسل المباشر على جذور الشعر لتحديد السمات الوراثية" Amplification of the Deoxyribonucleic Acid (DNA) from the hair roots using the Direct Polymerase Chain Reaction (Direct PCR) system اسم الطالبة/ بشائر جمعان با نعيم - التاريخ 2017
- عنوان الرسالة "تأثير حمض الفيروليك على مستويات الدهون و تصنيع الكوليسترول في الجرذان المستحثة بتصلب الشرايين" The effect of Ferulic acid on cholesterol synthesis and serum lipids of atherogenic induced rats اسم الطالبة/ بتول بنت سالم بن محمد الشبيب - التاريخ 2017ز
- عنوان الرسالة "الفحص الوراثي لسكري الأطفال حديثي الولادة في المملكة العربية السعودية المرتبط بالطفرات الجينية في جين ABCC8 " Genetic screening of Saudi neonates for the neonatal diabetes associated mutation in ABCC8 gene اسم الطالبة/ الهام عبد الله القرني (رقم 437203220) - التاريخ نوفمبر 2019
- عنوان الرسالة "تأثير التآزر من الميلاتونين وفيتامين د على التعبير الجيني للـp53 في خط خلوي لسرطان الثدي (Synergistic Effect of Melatonin and Vitamin D on the Gene Expression of P-53 in Breast Cancer Cell Line الطالبة نورة بنت سعد الكريشان (رقم جامعي 4372020963) نوفمبر 2019
- عنوان الرسالة " Post-Translational Glycation: The Role of AGEs in Inducing the Aggregation of Camel (IgG) Antibodies and their Cytotoxicity Towards Cancer Cells اسم الطالبة/ غيداء الروشيد (الرقم الجامعي 43920) – التاريخ 2021/12/8
- عنوان الرسالة " Role of Renin–angiotensin System and Macrophages in Breast Cancer Microenvironment اسم الطالبة/ موزي عبد الله المطلق (الرقم الجامعي 439202997) – التاريخ 1443/5/5
- عنوان الرسالة " Effect of Fluid Shear Stress in Inflammatory Changes and Phenotype Modulation in Monocytes and Endothelial Cells اسم الطالبة/ عهود الرمدان (الرقم الجامعي 438204637) – التاريخ 2021

Reviewing MSc thesis

Title: Circulating endotoxin as a contributing inflammatory mediator in postmenopausal Saudi women osteoporosis

Student's name: Ibrahim Mohammed Ali Aziz

Biochemistry Department, College of Science, KSU (2015)

Reviewing MSc thesis

Title: Purification and characterization of recombinant camel lens zeta crystalline

Student name: Shurog Albogami

Biochemistry Department, College of Science, KSU (2016)

Reviewing MSc thesis

Title: Amplification of the Deoxyribonucleic Acid (DNA) from the hair roots using the Direct Polymerase Chain Reaction (Direct PCR) system

Student's name: Bashayer Gomaan

Naif Arab University for Security Sciences

Reviewing MSc thesis

Title: The effect of Ferulic acid on cholesterol synthesis and serum lipids of atherogenic induced rats

Student's name: Batool Alsheby

Biochemistry Department, College of Science, KSU

Reviewing MSc thesis

Title: Study the relationship between PARP-1 gene and disorders in thyroid gland in a cohort of Saudi volunteers

Student's name: Samia Sulf Bander Alhmmadi

Naif Arab University for Security Sciences (2019)

Reviewing MSc thesis

Title: Effect of Anethole on the Physiological Responses by Modulating Specific EGFR Pathways in Human Breast and Colon Cancer Cells

Student's name: Reem Ibrahim Abdullah Al-Rashed

Biochemistry Department, College of Science, KSU (2019)

Reviewing MSc thesis

Title: Association of Apolipoprotein E and Clusterin genes polymorphisms with the risk of Alzheimer's disease in Saudi subjects

Student's name: Nouf Nasser Alghonaim

Biochemistry Department, College of Science, KSU (2019)

Reviewing MSc thesis

Title: • Post-Translational Glycation: The Role of AGEs in Inducing the Aggregation of Camel (IgG) Antibodies and their Cytotoxicity Towards Cancer Cells

Student's name: Ghaida I. Alruwaished

Biochemistry Department, College of Science, KSU (2021/12/08)

Reviewing MSc thesis

Title: • Role of Renin-angiotensin System and Macrophages in Breast Cancer Microenvironment

Student's name: Moudi Almotlaq

Biochemistry Department, College of Science, KSU)1443/05/05

Reviewing MSc thesis

Title: • Effect of Fluid Shear Stress in Inflammatory Changes and Phenotype Modulation in Monocytes and Endothelial Cells

Student's name: Ohood Amin Radman

Biochemistry Department, College of Science, KSU 2021

Workshop presented to Under graduate and postgraduates from KSU and other university.

Organized by: Unit of Training and Community Partnership

Given by Dr. Farid Ataya
Lecture title: Risk Assessment and First Aid
Number of credit hours: 6 h (in two days)

Workshop presented to Under graduate and postgraduates from KSU and other university.
Organized by: Unit of Training and Community Partnership
Title: “Recombinant DNA Technology: From Gene to Protein”
Given by Dr. Farid Ataya
Credit Hours: 85 h (15 days) training course (September 2019)

Workshop presented to Under graduate and postgraduates from KSU and other university.
Organized by: Unit of Training and Community Partnership
Title: “Polymerase Chain Reaction”
Given by Dr. Farid Ataya
First semester 2019

Workshop presented to Under graduate and postgraduates from KSU and other university.
Organized by: Unit of Training and Community Partnership
Title: “Recombinant Protein production”
Given by Dr. Farid Ataya
First semester 2019

Workshop presented to Under graduate and postgraduates from KSU and other university.
Organized by: Unit of Training and Community Partnership
Title: “Introduction in BioInformatics, Part I”
Given by Dr. Farid Ataya
October, 2020

Workshop presented to Under graduate and postgraduates from KSU and other university.
Organized by: Unit of Training and Community Partnership
Title: “Introduction in BioInformatics, Part II”
Given by Dr. Farid Ataya
October, 2020

الدورات التدريبية
أستخدام أدوات جوجل في التعليم
1443/6/15-14
2022/1/18-17
8 ساعات تدريبية
عمادة تطوير المهارات – جامعة الملك سعود

الأساليب العملية لزيادة الإنتاجية
1443/5/19
2021/12/23
3 ساعات تدريبية
عمادة تطوير المهارات – جامعة الملك سعود

التقويم المعتمد على الأداء
1443/5/16
2021/12/20
3 ساعات تدريبية
عمادة تطوير المهارات – جامعة الملك سعود

الرسوم المعلوماتية انفوجرافيك
1443/5/5
2021/12/9
3 ساعات تدريبية
عمادة تطوير المهارات – جامعة الملك سعود

Postgraduate course specification and reports
8-9/5/1443
12-13/12/2021
6 ساعات تدريبية
عمادة تطوير المهارات – جامعة الملك سعود

مساعدة الطلاب علي التفكير الناقد
1443/5/3
2021/12/7
3 ساعات تدريبية
عمادة تطوير المهارات – جامعة الملك سعود

