

ABIR ABDULLAH SALEH ALAMRO

📍 Riyadh, 11412-4655, Kingdom of Saudi Arabia
☎ (+966) 555662752 ✉ aalamro@ksu.edu.sa

CAREER OBJECTIVE

To work in a progressive and challenging environment where I can effectively contribute my skills, knowledge, and experience towards the growth and development of the organization

FORMAL EDUCATION

PhD of Biomedical Science: April 2016
The University of Sydney • Sydney, Australia

Master of Science in Biochemistry: June 2000
King Saud University • Riyadh, Saudi Arabia
Cumulative GPA: 4.98

Bachelor of Science in Biochemistry: June 1995
King Saud University • Riyadh, Saudi Arabia
Cumulative GPA: 4.97

High School Education: 1990
Iraqi School in Tunis City • Tunisia

EXPERIENCE

Academic Teaching Experience:

- Biochemical lab demonstration for undergraduate students of college of science and college of dentistry, King Saud University, Riyadh, Saudi Arabia, 1995-2000.
- Lecturer, in biochemistry department, college of science King Saud University, Riyadh, Saudi Arabia 2000-2009.
- Casual teaching in biomedical science department, The University of Sydney, Sydney, Australia, 2010-2016.
- Assistant Professor at biochemistry department, King Saud University, Riyadh, Saudi Arabia, 2016-2022.
- Associate Professor at biochemistry department, King Saud University, Riyadh, Saudi Arabia, 2022-current.

Current Employment:

- **Supervising and organizing the research center for biomarkers of chronic disease chair**
Female section, King Saud University, Riyadh, Saudi Arabia 2016-present
- Assistant Professor 2016-2022
- Associate Professor 2022- present
Biochemistry Department, College of Science, King Saud University, Riyadh, Saudi Arabia.
- **Master's thesis supervisor**

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- Main supervisor: Afnan Shawqi Homud Al-saqqaf, *An effective cox- inhibitor green nanotechnology from extracted resin of Dracaena cinnabari to treat IBD and colon cancer.*
- Main supervisor: shmoukh safar Alotaibi, *Investigating the therapeutic impact of Curcumin on breast cancer cell lines.*
- Main supervisor: Marwa Alruzayhi, *The In Vitro Modulatory Effects Of Anastatica hierochuntica, Cassia alexandrina, and Rumex vesicarius Extracts on Phase-I Cytochrome P-450 Isoenzyme Gene and Protein Expressions Using Human Hepatoma Cells (HepG2).*
- Main supervisor: Sara Abdullah Bahatab, *In vitro improvement of the outcome of relapsed AML by targeting survival pathways along with miRNA-based therapeutic strategies*
- Main supervisor: Bader Taib Alhazazi, *The In Vitro Modulatory Effects of Selected Saudi Traditional Herbal Medicines on Phase-I Cytochrome P-450 Isoenzyme Gene Expression Using Human Hepatoma Cells (HepG2).*
- Main supervisor: Malak Saleh Alshatwi, *Effects of ionizing radiation on breast cancer associated fibroblasts and the expression of CCL7*
- Main supervisor: Shaykhah Nayyaf Almutairi, *Biological impact of advanced glycation end-products on colorectal cancer development and progression*
- Main supervisor: Ohood Amin Radman, *Effect of fluid shear stress in inflammatory changes and phenotype modulation in monocytes and endothelial cells*
- Main supervisor: Moudhi Abdullah Almutiaq, *Role of Renin angiotensin System and Macrophages in Breast Cancer Microenvironment*
- Co-supervisor: Ghadeer majed aldawsari, *Angiogenin Levels and Vitamin D Status Associations with Glycemic and Metabolic Indices*
- Co-supervisor: Amal Mohammed Alshehri, *Association of the variants in the Zinc Finger Protein 259 (ZNF259) gene and the risk of Metabolic Syndrome in adult Saudi Population*
- Co-supervisor: Reem Mohammed Alopeel, *Serum Asprosin levels and its association with other serological parameters in Saudi T2DM and Obese subjects*
- Co-supervisor: Noura Saad Nasser Alshuil , *In vitro screening for anticancer properties of different extracts of Qaisum Achillea fragrantissima*
- Co-supervisor: Fatimah Mutlaq Alharbi, *Effect of Cadmium on Bone Mineral Density in Postmenopausal Osteoporotic Saudi Subjects*
- Co-supervisor: Nora saad alkerashan, *Effect of melatonin and vitamin D on the gene expression of p53 in MCF-7 breast cancer cell line*
- Co-supervisor: Manal Mohammed Almalky, *The synergistic effect of melatonin and vitamin D on the gene expression of BCL-2 and Bax in MCF-7 breast cancer cell line*
- Co-supervisor: Awjad Awad Almotari, *Investigating a diagnostic factor SMARCA5 in breast cancer.*
- Co-supervisor: Raghad Hassan Alshelaiel, *Studying the prognostic diagnostic value of CSF2RB gene in breast cancer patients in Saudi Arabia.*
- Co-supervisor: Fatimah AlZahra Abdulhafith Alghannam, *Clinical significance of circulating levels of betatrophin in adolescent obesity, insulin resistance and vitamin D status.*
- Co-supervisor: Malak Abdullah Al-Dahami, *Impact of protein phosphatase 2A modulation on the functional outcome of leukemia cell lines.*
- Co-supervisor: Maha Ibrahim AlOthman, *Predicting Driver Mutations and Genes from Colorectal Cancer using Panel Sequencing Data.*

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- Co-supervisor: Hibah Abdulqader Farhan, *Association between Circulating Levels of Iron and Self-assessed Multiple Intelligence in Saudi Adolescents.*
- **PhD thesis supervisor:**
 - Main supervisor: Latifa Aljebli, *Protective Effectiveness of Resveratrol on Methylparaben-induced Hepatotoxicity in Rat.*
 - Main supervisor: Esraa Elfeshawy, *Exploring the effects of myrrh resin extract against cellular and molecular mechanisms underlying multidrug resistance potential of AML stem cells.*
 - Co-supervisor: Hala Alajmi, *Investigation of the Potential Effect of C myrrha Extract on Apoptosis and Chemoresistance in AML Stem Cell line KG1a.*

Master Thesis Title:

BIOCHEMICAL STUDY OF ATHEROSCLEROSIS

Awards:

- Best student award in B.Sc. from King Saud University.
- Honoree degree in B.Sc. from King Saud University.
- Volunteer at UNICEF.

Doctor of Philosophy Thesis Title:

STUDIES ON COMBINATION BETWEEN TUMOUR ACTIVE COMPOUNDS IN OVARIAN TUMOUR MODELS

Awards:

I awarded the PhD degree without further conditions and corrections.

COMMITTEE MEMBERSHIPS

- Alumni and Human Resources committee 1437/12/17- 1440/08/27
Biochemistry Department, King Saud University, Riyadh, Saudi Arabia 2024/08/18- Present
- Teaching load committee 1437/12/17-1439/08/29

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Biochemistry Department, King Saud University, Riyadh, Saudi Arabia

- Study Plans and Decisions committee 1437/12/17-1438/08/29

Biochemistry Department, King Saud University, Riyadh, Saudi Arabia

- Coordinator of the Laboratories Committee and Chair of the Technical Committee 1438/12/26-1440/08/27

Biochemistry Department, King Saud University, Riyadh, Saudi Arabia

- Interdisciplinary Committee 1439/12/22- 1440/04/20

Biochemistry Department, King Saud University, Riyadh, Saudi Arabia

- Student Affairs Committee 1441/01/08- Present

Biochemistry Department, King Saud University, Riyadh, Saudi Arabia

- Field Training Committee 1441/03/30- Present

Biochemistry Department, King Saud University, Riyadh, Saudi Arabia

- Applied Training committee 1442/01/11- Present

College of Science, King Saud University, Riyadh, Saudi Arabia

- Study Plans and Decisions committee 1442/01/11-1443/11/20

Biochemistry Department, King Saud University, Riyadh, Saudi Arabia

- Comprehensive Examination Committee 1443/10/17 -1443/11/20

College of Science, King Saud University, Riyadh, Saudi Arabia

- Teaching load committee 1444/1/26 - Present

Biochemistry Department, King Saud University, Riyadh, Saudi Arabia

- Postgraduate Studies and Scientific Research Committee 1444/1/26- Present

Biochemistry Department, King Saud University, Riyadh, Saudi Arabia

- Head of the Cooperative Training and Field Trips Unit 2024/08/18- Present

College of Science, King Saud University, Riyadh, Saudi Arabia

Publications:

- A.A. AL-AMRO, A.A. AL-JAFARI, M.R. AL-FAGIH, M.TAJELDIN and H.B.QAVI (2001). Frequency of occurrence of Cytomegalovirus and Chlamydia pneumoniae in lymphocytes of Atherosclerotic patients. Cent.Eur.J.Publ.Health,9:106-108.

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- Zargar S, Wani TA, Alamro AA, Ganaie MA. Amelioration of thioacetamide-induced liver toxicity in Wistar rats by rutin. *International Journal of Immunopathology and Pharmacology*. September 2017;207-214. doi:10.1177/0394632017714175
- Haq SH, Nounou H, Alamro AA (2018). Neuroprotective Role of Alpha-Tocopherol in H2O2 Induced Oxidative Stress in Neonatal Sheep's Brain Tissue Culture. *J Neurol Neurobiol* 4(1): dx.doi.org/10.16966/2379-7150.145
- Nasser M. Al-Daghri, Shaun Sabico, Hazim Al-Hazmi, Amal M. Alenad, Abeer Al-Amro, Amani Al-Ghamdi, Syed Danish Hussain, George Chrousos, Majed S. Alokail. Circulating spexin levels are influenced by the presence or absence of gestational diabetes. *Cytokine*, Volume 113, 2019, Pages 291-295, ISSN 1043-4666, <https://doi.org/10.1016/j.cyto.2018.07.023>.
- Samina Hyder Haq, Abir Abdullah AlAmro. Neuroprotective effect of quercetin in murine cortical brain tissue cultures. *Clinical Nutrition Experimental*, Volume 23, 2019, Pages 89-96, ISSN 2352-9393, <https://doi.org/10.1016/j.yclnex.2018.10.002>.
- Samina Hyder Haq, Iqraa Haq, Atheer Ali Alsayah, Abir Alamro and Amani AlGhamedi, (December 17th 2018). Epigenetics and Cartilage Regeneration [Online First], IntechOpen, DOI: 10.5772/intechopen.82362. Available from: <https://www.intechopen.com/online-first/epigenetics-and-cartilage-regeneration/>. DOI: <http://dx.doi.org/10.5772/intechopen.82362>
- Abir Abdullah Al-Amro, Moudhi Abdullah Al-Mutlaq , Sara Al-Moather, Nouf Al-Tukhaifi, Rawan Bin Othaimen, Nada Al-Mutairi, Sarah Al-Rashed, Fouziah Al-Malki and Samina Hyder Haq. Antioxidant Activity of Rhodophyta Algae Polysiphonia and Laurencia Collected from the Arabian Gulf. *Asian Journal of Applied Sciences*, 2019, Volume 12, Issue: 2, Page No.: 71-75, DOI: 10.3923/ajaps.2019.71.75 70
- Nasser M. Al-Daghri, Hazim A. Al-Hazmi, Abdulrahman Al-Ajlan, Mohammad S. Masoud, Abeer Al-Amro, Amani Al-Ghamdi, Abdullah M. Alnaami, Omar S. Al-Attas, Majed S. Alokail. Associations of Spexin and cardiometabolic parameters among women with and without gestational diabetes mellitus. *Saudi Journal of Biological Sciences*, Volume 25, Issue 4, 2018, Pages 710-714, ISSN 1319-562X, <https://doi.org/10.1016/j.sjbs.2018.01.002>.
- Samina Hyder Haq, Ghaida Al-Ruwaished, Moudhi Abdullah Al-Mutlaq, Sundus Ali Naji, Maha Al-Mogren, Sarah Al-Rashed, Qura Tul Ain, Abir Abdullah Al-Amro & Adnan Al-Mussallam. Antioxidant, Anticancer Activity and Phytochemical Analysis of Green Algae, *Chaetomorpha* Collected from the Arabian Gulf. *Sci Rep* 9, 18906 (2019). <https://doi.org/10.1038/s41598-019-55309-1>
- Alamro AA, Alsulami EA, Almutlaq M, Alghamedi A, Alokail M, Haq SH. Therapeutic Potential of Vitamin D and Curcumin in an In Vitro Model of Alzheimer Disease. *Journal of Central Nervous System Disease*. January 2020. doi:[10.1177/1179573520924311](https://doi.org/10.1177/1179573520924311)
- Yakout SM, Alharbi F, Abdi S, Al-Daghri NM, Al-Amro A, Khattak MNK. Serum minerals (Ca, P, Co, Mn, Ni, Cd) and growth hormone (IGF-1 and IGF-2) levels in postmenopausal Saudi women with osteoporosis. *Medicine (Baltimore)*. 2020;99(27):e20840. doi:10.1097/MD.00000000000020840

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- Alsulami Ebtesam, Alokail Majed, Alghamedi Amani, Alamro Abir, Haq Samina. Effect of vitamin D treatment on VDR expression in primary cerebral cortical cells in induced oxidative stress. *Journal of Cellular Biotechnology*, vol. Pre-press, no. Pre-press, pp. 1-10, 2020 30
- Abir A. Alamro, Manal M. Al-Malky, Mohammed G.A. Ansari, Osama E. Amer, Abdullah M. Alnaami, Syed D. Hussain, Tlili A. Barhoumi, Amani A. Alghamdi, Samina H. Haq, Shaun Sabico, Nasser M. Al-Daghri. The effects of melatonin and vitamin D3 on the gene expression of BCL-2 and BAX in MCF-7 breast cancer cell line. *Journal of King Saud University - Science*, Volume 33, Issue 2, 2021, 101287, ISSN 1018-3647.70
- Moudhi Almutlaq, Abir Abdullah Alamro, Fayhan Alroqi, Tlili Barhoumi. Classical and Counter-regulatory Renin-angiotensin System: potential key roles in COVID-19 pathophysiology. *CJC Open*, 2021, ISSN 2589-790X, <https://doi.org/10.1016/j.cjco.2021.04.004>.
- Firdous, A.; Sarwar, S.; Shah, F.A.; Tabasum, S.; Zeb, A.; Nadeem, H.; Alamro, A.; Alghamdi, A.A.; Alvi A.M.; Naeem, K.; et al. Contribution of Attenuation of TNF- α and NF- κ B in the Anti-Epileptic, Anti-Apoptotic and Neuroprotective Potential of Rosa webbiana Fruit and Its Chitosan Encapsulation. *Molecules* 2021, 26, 2347. <https://doi.org/10.3390/molecules26082347>
- Sana Rubab, Komal Naeem, Isra Rana, Namrah Khan, Maryam Afridi, Izhar Ullah, Fawad Ali Shah, Sadia Sarwar, Fakhar ud Din, Ho-Ik Choi, Cheol-Ho Lee, Chang-Wan Lim, Abir Abdullah Alamro, Jin-Ki Kim, Alam Zeb. Enhanced neuroprotective and antidepressant activity of curcumin-loaded nanostructured lipid carriers in lipopolysaccharide-induced depression and anxiety rat model. *International Journal Pharmaceutics*, Volume 603, 2021, 120670, ISSN 0378-5173, <https://doi.org/10.1016/j.ijpharm.2021.120670>.
- Sarwar S, Alamro AA, Alghamdi AA, Naeem K, Ullah S, Arif M, Yu JQ, Huq F. Enhanced Accumulation of Cisplatin in Ovarian Cancer Cells from Combination with Wedelolactone and Resulting Inhibition of Multiple Epigenetic Drivers. *Drug Des Devel Ther.* 2021;15:2211-2227 <https://doi.org/10.2147/DDDT.S288707>
- Almutlaq M, Alamro AA, Alamri HS, Alghamdi AA and Barhoumi T (2021) The Effect of Local Renin Angiotensin System in the Common Types of Cancer. *Front. Endocrinol.* 12:736361. doi: 10.3389/fendo.2021.736361
- Alamro, Abir Abdullah ; Haq, Samina Hyder ; Alghamdi, Amani ; Altawaijri, Nojood ; Alali, Amjad Saeed; Naif Alotaib, Rahaf Abdullah ; Murshed, Al-Anood ; Ain, Qura Tul . Hepatotoxicity induced by intravenous administration of PEGylated nano-graphene oxide in albino mice. *Materials Express*, Volume 11, Number 10, October 2021, pp. 1668-1673(6)
- Nasser M. Al-Daghri, Reem M.I. Alokeel, Abir Alamro, Mohammed G.A. Ansari, Syed D. Hussain, Osama E. Amer, Sobhy M. Yakout, Abdullah M. Alnaami, Shaun Sabico. Serum asprosin levels are associated with obesity and insulin resistance in Arab adults. *Journal of King Saud University - Science*, Volume 34, Issue 1, 2022, 101690, ISSN 1018-3647, <https://doi.org/10.1016/j.jksus.2021.101690>.

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- Muhammad Ayub Khana , Muhammad Mohsin Ansaria , Sadia Tabassam Arifa , Abida Raza, Ho-Ik Choic , Chang-Wan Limc , Ha-Yeon Nohc , Jin-Su Nohc , Salman Akramd , Hafiz Awais Nawaze , Muhammad Ammadf , Abir Abdullah Alamro , Amani Ahmed Alghamdig , Jin-Ki Kimc , and Alam Zeb. Eplerenone nanocrystals engineered by controlled crystallization for enhanced oral bioavailability. DRUG DELIVERY 2021, VOL. 28, NO. 1, (2021)2510-2524, <https://doi.org/10.1080/10717544.2021.2008051>
- Aldawsari, G.M.; Sabico, S.; Alamro, A.A.; Alenad, A.; Wani, K.; Alnaami, A.M.; Khattak, M.N.K.; Masoud, M.S.; Al-Daghri, N.M.; Alokail, M.S. Angiogenin Levels and Their Association with Cardiometabolic Indices Following Vitamin D Status Correction in Saudi Adults. *Biology* 2022, *11*, 286. <https://doi.org/10.3390/biology11020286>
- Abdi S, Alghamdi AA, AlGhunaim NNA, Almutairi RM, Ataya FS, Ansari MGA, Hussain SD, Masoud M, Alamro A, Almutairi OT, Al-Daghri NM, Muayqil TA. Association of Alzheimer's Disease with Genetic Variants of Apolipoprotein E, Clusterin, TNF- α and IL-6 Among Elderly Saudis. *Curr Pharm Biotechnol*. 2022 Feb 8. <https://doi.org/10.2174/1389201023666220208093919>. Epub ahead of print. PMID: 35135450
- Sarwar S, Alamro A, Huq F, Alghamdi A. Insights Into the Role of Epigenetic Factors Determining the Estrogen Response in Estrogen-Positive Ovarian Cancer and Prospects of Combining Epi-Drugs With Endocrine Therapy. *Front Genet*. 2022 Jul 8;13:812077. doi: 10.3389/fgene.2022.812077. PMID: 35873467; PMCID: PMC9306913.
- Altwaijry, Nojood, Qura Tul Ain, Hissah Alnuwaysir, Abir Alamro, Amani Alghamdi, and Samina Hyder Haq. "A Time-Course Evaluation of DNA Damage and Neurotoxicity Induced by PEGylated Graphene Oxide Nanoparticle in Swiss Albino Mice." *Journal of biomedical nanotechnology* 18, no. 4 (2022): 1180-1186.
- Almutlaq, M.; Mansour, F.A.; Alghamdi, J.; Alhendi, Y.; Alamro, A.A.; Alghamdi, A.A.; Alamri, H.S.; Alroqi, F.; Barhoumi, T. Angiotensin II Exaggerates SARS-CoV-2 Specific T-Cell Response in Convalescent Individuals following COVID-19. *Int. J. Mol. Sci.* **2022**, *23*, 8669. <https://doi.org/10.3390/ijms23158669>
- Alshuail, N.; Alehaideb, Z.; Alghamdi, S.; Suliman, R.; Al-Eidi, H.; Ali, R.; Barhoumi, T.; Almutairi, M.; Alwhibi, M.; Alghanem, B.; et al. Achillea fragrantissima (Forssk.) Sch.Bip Flower Dichloromethane Extract Exerts Anti-Proliferative and Pro-Apoptotic Properties in Human Triple-Negative Breast Cancer (MDA-MB-231) Cells: In Vitro and In Silico Studies. *Pharmaceuticals* 2022, *15*, 1060. <https://doi.org/10.3390/ph15091060>
- Saba Sohail, Fawad Ali Shah, Shahiq uz Zaman, Ali H. Almari, Imran Malik, Saifoor Ahmad Khan, Abir Abdullah Alamro, Alam Zeb, Fakhar ud Din. Melatonin delivered in solid lipid nanoparticles ameliorated its neuroprotective effects in cerebral ischemia, *Heliyon*, Volume 9, Issue 9, 2023, e19779, ISSN 2405-8440, <https://doi.org/10.1016/j.heliyon.2023.e19779>.
(<https://www.sciencedirect.com/science/article/pii/S2405844023069876>)

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- Bahattab, Sara, et al. "Pharmacological p38 MAPK inhibitor SB203580 enhances AML stem cell line KG1a chemosensitivity to daunorubicin: A comprehensive in vitro analysis of cell death mechanisms." *Saudi Pharmaceutical Journal* (2024): 102055.
- KHALID, Muhammad Sohaib, et al. Investigation of Neuroprotective Effect of n-Hexane Extract of *Cissampelos pareira* in Ischemic Stroke-Induced Nerve Damage and Underlying Mechanisms. *Natural Product Communications*, 2024, 19.4: 1934578X241249069.
- Alzaim, M., Ansari, M. G., Al-Masri, A. A., Khattak, M. N., Alamro, A., Alghamdi, A., ... & Al-Daghri, N. M. (2024). Association of VDR Gene variant rs2228570-FokI with Gestational Diabetes Mellitus Susceptibility in Arab Women. *Heliyon*.
- Arif, M. N., Sarwar, S., Firdous, F., Saleem, R. S. Z., Nadeem, H., Alamro, A., ... & Faisal, A. Discovery and prospects of new heterocyclic Isatin-hydrazide derivative with novel role as estrogen receptor α degrader in breast cancer cells. *Frontiers in Chemistry*, 12, 1424637.
- Farhan, H.A.; Al-Ghannam, F.A.A.; Wani, K.; Khattak, M.N.K.; Alnaami, A.M.; Alharbi, M.G.; Alamro, A.A.; Sabico, S.; Al-Daghri, N.M. Associations between Serum Iron Indices and Self-Assessed Multiple Intelligence Scores among Adolescents in Riyadh, Saudi Arabia. *Biomedicines* 2024, 12, 1578. <https://doi.org/10.3390/biomedicines12071578>
- Malik, A., Alamri, A., Khan, J. M., Altwaijry, N., Alamro, A., Alhomida, A. S., ... & Ola, M. S. (2024). A temperature-dependent investigation of the impact of metal nanoparticles on the structural integrity of serum albumin. *Journal of King Saud University-Science*, 103419.
- Kanwal, M., Sarwar, S., Nadeem, H., Alghamdi, S. A., Alamro, A. A., Malik, S., ... & Muskan, A. (2024). Pyrazolone-nicotinic acid derivative (4Z)-4-(2-hydroxybenzylidene)-5-methyl-2-(pyridine-3-ylcarbonyl)-2,4-dihydro-3H-pyrazole-3-one (IIc) as multitarget inhibitor of neurodegeneration and behavioural impairment in Dementia. *Journal of Pharmacy and Pharmacology*, rgae075.
- Malik, A., Alamri, A., Altwaijry, N., Alamro, A., Alhomida, A., Ayub, R., & Odeibat, H. (2024). Unraveling the Effects of Hexametaphosphate: Insights into Trypsin Aggregation and Structural Reversal. *ACS Omega* (2024).

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Courses Taught to Undergraduates, MSc, Phd at King Saud University:

- BCH 101 general biochemistry.
- BCH 102 biochemistry of the cell.
- BCH 231 biochemical calculation.
- BCH 284 food analysis.
- BCH 350 plant biochemistry.
- BCH 440 Metabolism-2.
- BCH 540 Advance in Metabolism.
- BCH 607 Recent Advances in Metabolism.
- BCH 496 Training field in Biochemistry.
- BCH 435 biochemical technology.
- BCH 497 Research and Seminar.
- BCH 454 Toxicology & Carcinogens.
- BCH 445 Nutritional Biochemistry.
- BCH 485 Training in the principles and scientific research skills.
- BCH 340 Metabolism-1.
- BCH 493 research and seminar

Supervision of the Following Laboratories at King Saud University:

- BCH 101 general biochemistry.
- BCH 275 blood biochemistry.
- BCH 284 food analysis.
- BCH 349 practical in metabolism.
- BCH 376 body fluid.
- BCH 497 research and seminar.
- BCH 493 research and seminar.

Courses Taught to Undergraduates at The University of Sydney lab:

- Fluids
- Gases
- Pulmonary Function Test
- Renal Acid and Base

Lectures and Events:

2010:

- BIT's 3rd World Cancer Congress 02-08-2010, The University of Sydney
- Course Series on Methods in Cell Biology, The University of Sydney
 - a. Methods in cell biology |

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- i. Basic tissue culture
 - ii. Basic molecular biology
 - iii. Gene transfer technology
 - b. Methods in cell biology II
 - i. Techniques for measurement of cytokines and antibodies
 - ii. Quantitative real-time PCR
 - iii. Gene microarrays: transcriptome analysis
 - c. Methods in cell biology III
 - i. Flow cytometry
 - ii. Immunohistochemistry
 - iii. Light and fluorescence microscopy
- Public lecture : 8 WAYS TO PREVENT CANCER, The University of Sydney
 - Working with hazardous substances training course, The University of Sydney
 - Biological safety training course, The University of Sydney
 - Workshop: How do lay people understand the risk of developing cancer? The University of Sydney
 - Bosch Institute Annual Scientific Meeting - Cancer - The Way Forward, 29 November 2010. The University of Sydney
 - Bosch Young Investigators Symposium (YIS), 30 November 2010. The University of Sydney
 - POSTGRADUATE CANCER RESEARCH SYMPOSIUM, 3 DECEMBER 2010. The University of Sydney

2011:

- Western blotting workshops on April 11-12-2011 Bosch Institute, The University of Sydney
- The Cancer Research Network Postgraduate Symposium, 29 November 2011. The University of Sydney.
- Presented a Poster at 3rd International Conference on Drug Discovery and Therapy February 7th - 10th, 2011, Dubai, UAE

2012:

- Presented a Poster at 4th International Conference on Drug Discovery and Therapy held in Dubai, UAE, from February 12th-15th, 2012.
- Presented a Poster at Bosch Annual Scientific Meeting. Thursday 26th July 2012. The University of Sydney.

2013:

- Presented a poster at BOSCH INSTITUTE YOUNG INVESTIGATORS SYMPOSIUM, 11-December 2013, University of Sydney.
- Presented e-poster at 18th International Meeting of the European Society of Gynaecological Oncology (ESGO), which was held in Liverpool, UK, October 19-22, 2013.

2014:

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- Presented a poster at 6th International Conference on Drug Discovery and Therapy" 10th - 12th February 2014 , Dubai , UAE
- Presented a poster at The 15th Biennial Meeting of the International Gynecologic Cancer Society (IGCS 2014), being held in the dynamic city of Melbourne, Australia, November 8-11, 2014.

2017:

- Holding a workshop entitled Tissue Culture Workshop

2018:

- Holding a workshop entitled (Cellular Cell Techniques Workshop)

2021:

- Participation in the first scientific forum for female researchers of the College of Science

2022:

- Master's student Moudhi Al-Mutlaq won first place in the Publication Quality Branch for the Scientific Excellence Award for Postgraduate Students at the College of Science 2022.

2023:

- Participate in INTERNATIONAL CONFERENCE ON MOLECULAR ONCOLOGY AND PRECISION MEDICINE, King Faisal specialist hospital and research Centre, Riyadh, kingdom of Saudi Arabia November 16-18, 2023. Master students through poster and oral presentation.

→ حضور المؤتمر الدولي السادس للجمعية العربية لعلوم الأدلة الجنائية والطب الشرعي , خلال الفترة من 07-05 / 12 / 2023م
جامعة الأمير نايف

- Member of the Executive Council of the Pure Forensic Science Program (عضوة في مجلس برنامج العلوم الجنائية البحتة التنفيذي).

2024:

- Joining the Membership of the Saudi Diabetes Charity Association. (عضوة في جمعية السكري السعودية الخيرية)
- Member of the Executive Council of the Pure Forensic Science Program (عضوة في مجلس برنامج العلوم الجنائية البحتة التنفيذي).

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CONFERENCE PRESENTATIONS:

- 3rd International Conference on Drug Discovery and Therapy February 7th - 10th, 2011, Dubai, UAE
- 4th International Conference on Drug Discovery and Therapy held in Dubai, UAE, from February 12th-15th, 2012.
- Bosch Annual Scientific Meeting. Thursday 26th July 2012. The University of Sydney.
- BOSCH INSTITUTE YOUNG INVESTIGATORS SYMPOSIUM, 11-December 2013, University of Sydney.
- 18th International Meeting of the European Society of Gynecological Oncology (ESGO), which was held in Liverpool, UK, October 19-22, 2013.
- 6th International Conference on Drug Discovery and Therapy” 10th - 12th February 2014 , Dubai , UAE.
- 15th Biennial Meeting of the International Gynecologic Cancer Society (IGCS 2014), being held in the dynamic city of Melbourne, Australia, November 8-11, 2014.