

CURRICULUM VITAE
OSAMA Y. ALTHUNIBAT

Oct. 2024

PERSONAL DETAILS:

Place of Birth: Karak, Jordan

Date of Birth: 15th, Dec. 1978

Nationality: Jordan



WORK ADDRESS

Department of Medical Laboratory Sciences, Faculty of Allied Health Sciences, Jadara University, Irbid, Jordan. P.C: 21110, P.O. Box: 733

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ACADEMIC RANK (date): Full Professor, Since 16/1/2024.

EDUCATION

2012	PhD in Biomedical Science (Biochemistry), International Islamic University Malaysia, IIUM, Malaysia.
2006	M. Sc. in Biology (Medical Biochemistry), Mu'tah University, Jordan.
2001	B. Sc. Veterinary Medicine, Jordan University of Science and Technology, Jordan.

PhD. THESIS

In Vitro Cytotoxic Activities of Triterpene Glycosides of *Stichopus chloronotus* and the Extracts of other Malaysian Sea Cucumbers

MSc. THESIS

The Impact of Jordanian Traditional Spices on the Levels of Antioxidant and Biochemical Alterations in

Induced Diabetic Rats.

FIELD OF SPECIALIZATION

Biomedical Science (Biochemistry)

CURRENT RESEARCH INTERESTS

- Pharmaceutical effects of natural products
- Effects of the antioxidants on prevention and treatment of the chronic diseases
- Implementing of nanoparticles in enhancement of pharmaceutical effects of natural products
- Effects of leptin hormone on obesity and lipid profile
- The prevalence of genetic and nutritional disorders in the south Jordan population

KEY WORDS

Antioxidants

Oxidative Stress

Diabetes

Anticancer

Natural Products

Online Profiles:

ORCID: <https://orcid.org/0000-0002-3406-9634> **View this author's ORCID profile**

Web of Science Profile:

<https://www.webofscience.com/wos/author/record/ABF-2912-2020>

Scopus Profile:

<https://0j10rjllf-y-https-www-scopus-com.hbtu.proxy.coe-elibrary.com/authid/detail.uri?authorId=32067446200>

ResearchGate Profile:

<https://www.researchgate.net/profile/Osama-Althunibat>

Google Scholar Profile:

<https://scholar.google.com/citations?user=a4O1zPgAAAAJ&hl=ar>

AWARDS

- Althunibat O. Y., Ridzwan B.H., Taher M., and Daud J.M. Malaysian Sea Cucumbers: A Promising Source of Anticancer and Antioxidant Agents. IIUM Research, Invention and Innovation Exhibition (IRIIE 2011). 9th -10th, February, 2011, IIUM. **(IRII 2011 Gold winner)**
- Althunibat O. Y., Recipient of **Nich Area Scholarship, IIUM, 2010/2011**

GRANTS and PROJECTS:

1. **Research Title:** Investigating the effects of weight-loss diet programs on the health Parameters of the students in AL-Hussein Bin Talal University
 - Principle Researcher: **Osama Y. Althunibat**
 - Total Grant: 48,000.00 JD
 - Provider: Deanship of Scientific Research, Al- Hussein Bin Talal University.
 - Reference No.: 196/2019.
 - Status: **Completed**
2. **Research Title:** Investigating the capacity of PLGA nanoparticles as an efficient drug delivery method for enhancement of anticolorrectal cancer activity of rosmarinic acid with emphasizing on its effect on MAPK pathway: *In vitro* and *In vivo* study.
 - Principle Researcher: **Osama Y. Althunibat**
 - Total Grant: 119,821.00 JD
 - Provider: Scientific Research and Innovation Support Fund/ Ministry of Higher Education and Scientific Research, Jordan.
 - Reference No.: **MPH/1/37/2021.**
 - Status: In Progress

ACADEMIC EXPERIENCE

2012-2015	Assistant Professor, Faculty of Pharmacy, Alzaytoonah University of Jordan
2015-2019	Assistant Professor, Department of Medical Analysis, Princess Aisha Bint Al-Hussein Faculty of Nursing and Health Sciences, Al- Hussein Bin Talal University.
2019- Jan. 2024	Associate Professor, Department of Medical Analysis, Princess Aisha Bint Al-Hussein Faculty of Nursing and Health Sciences, Al- Hussein Bin Talal University.
Jan. – Oct. 2024	Professor, Department of Medical Analysis, Princess Aisha Bint Al-Hussein Faculty of Nursing and Health Sciences, Al- Hussein Bin Talal University.
Oct. 2024-.....	Professor, Department of Medical Laboratory Sciences, Faculty of Allied Health

Sciences, Jadara University, Irbid, Jordan.

ADMINISTRATION EXPERIENCE

- 2016/2017** **Head of Department of Medical Analysis**, Princess Aisha Bint Al-Hussein Faculty of Nursing and Health Sciences, Al- Hussein Bin Talal University.
- 2018/2019** **Deputy Den for Health Affairs and Head of Department of Medical Analysis**, Princess Aisha Bint Al-Hussein Faculty of Nursing and Health Sciences, Al- Hussein Bin Talal University.
- 2019/2020** **Acting Dean**, Princess Aisha Bint Al-Hussein Faculty of Nursing and Health Sciences, Al- Hussein Bin Talal University

THESIS SUPERVISION:

- 1- **Lujain Ma'ani** (Master in Environmental Health and Safety Engineering). *Determination of antibiotics residues levels in fresh milk samples from Southern Jordan.* **Co-supervisor**
- 2- **Omar Khawaldeh** (Master in Medical Laboratory Sciences). *Assessment of the protective effects of Rosmarinic acid against testicular damage in the streptozotocin-induced diabetic albino mice.* **Co-supervisor**

THESIS EVALUATION COMMITTEE MEMBERSHIP:

- 1- Incidence and Prevalence of Bloodstream Pathogens In Chronic Kidney Disease Patients (CKD). Master dissertation By Amaal Al-khoshman, Department of Biology, Mu'tah University, 2019.
- 2- Effects of some Medicinal Plants on Kinetic Parameters of β -Lactosidase activity. Master dissertation By Mohammad Al-Tawarah, Department of Biology, Mu'tah University, 2019.
- 3- Culture Media Composition and Reduction Potential Optimization of Mycelia Free Filtrate For Biosynthesis of Silver Nanoparticles Using the Fungus *Rhizopus stolonifer* Mr1. Master dissertation By Rasha Al-Khatib, Department of Biology, Mu'tah University, 2020.
- 4- Metagenomic Analysis of Microbial Communities of the Sediments of Gulf of Aqaba of the Red Sea Region. Master dissertation By Basel Musallam, Department of Biology, Mu'tah University, 2020.
- 5- Phenol as Growth Substrate for *Curtobacterium fluccumfaciens*: Optimization of Growth Conditions. Master dissertation By Mutaz Al-Sarayrah, Department of Biology, Mu'tah University, 2020.
- 6- Utilization of Phenol as Growth Substrate By Using *Pseudomonas fredriksbergensis*. Master dissertation By Batool Al-Asasfeh, Department of Biology, Mu'tah University, 2020.
- 7- Antimicrobial Activity of Different Extract of *Azadirachta indica* (Neem). Master dissertation By Mustafa Flaifel, Department of Biology, Mu'tah University, 2020.
- 8- Bioremediation of Waste Cooking Oil By Indigenous Fungal Strains. Master dissertation By Reema Al-Musaifeer, Department of Biology, Mu'tah University, 2020.
- 9- Evaluation of Antibacterial and Antioxidant Activities of Crude Extract From Selected Endophytic Fungi. Master dissertation By Omar Al-Qaralleh, Department of Biology, Mu'tah University, 2020.

10- Isolation of Amylase from Soil Bacteria. Master dissertation By Omimah Al-Qatawneh, Department of Biology, Mu'tah University, 2021.

COURSES TAUGHT:

- Biochemistry
- Clinical Biochemistry
- Pathology
- Pathophysiology
- Physiology
- Parasitology
- Methods of Instrumental Analysis.

TRAINING COURSES

- Workshop on Animal Cell culture, Kulliyah of Pharmacy, IIUM, 29-30 Apr. 2008.
- Workshop on Interpretation Data from Various Spectroscopic analysis, Kulliyah of Science, IIUM, 2-3 Nov., 2010.
- NMR Short Course, Institute Kajian Ubat Semulajadi (iKUS), Universiti Tecknology Mara, UiTM, Puncak Alam, 17-18 Feb, 2011.
- Fundimantal of NMR workshop, Central Laboratory, University of Malaysia Pahang, UMP, 7-8 Dec., 2011

SKILLS:

- Cell culture
- Handling of Experimental Animals
- Molecular Techniques (PCR, Gel Electrophoresis, Western Blotting ...etc)
- Biochemical Assays (Enzyme Assay, Biochemical Analysis, Oxidative stress Markers ... etc)
- Tissue processing and staining (H&E, Immunohistochemistry, Special Stains, ...etc).
- Fully automated clinical Analyzer (Clinical chemistry, Chemiluminescence Immunoanalyzer).
- Microscopic sample preparation and analysis (Light Microscopy, Scanning Electron Microscopy, Fluorescent Microscopy)

PROFESSIONAL COMMITTEE MEMBERSHIP

- Cancer Research Committee (International Medical Research Center (iMReC), Aqaba, Jordan)
- Industry Liaison Committee (Al- Hussein Bin Talal University)

- Scientific Committee (Princess Aisha Bint Al-Hussein Faculty of Nursing and Health Sciences, Al- Hussein Bin Talal University)

LIST OF PUBLICATIONS

1. Almustafah, A. and **Althunibat, O.Y.**, (2008). Antioxidant activity of some Jordanian medicinal plants used traditionally for treatment of diabetes. *Pakistan Journal of Boiological Sciences*, 11 (3): 351-358.
2. **Althunibat O.Y.**, Ridzwan B.H., Taher M., Daud J.M., Ikeda M.A., and Zali B.I. (2009). *In Vitro* Antioxidant and Antiproliferative Activities of Three Malaysian Sea Cucumber Species. *European Journal of Scientific Research*, 37 (3): 376-387.
3. Qaralleh H.N., Abboud M.M., Khleifat K., Tarawneh K.A., and **Althunibat O.Y.**, (2009). Antibacterial activity in vitro of *Thymus capitatus* from Jordan. *Pakistan Journal of Pharmaceutical Sciences*, 2 (3): 247-251.
4. **Althunibat, O. Y.**, Almustafah, A., Tarawneh K., Khleifat K., Ridzwan B. H., and Qaralleh H. (2010). Protective role of *Punica granatum* L. peel extract against oxidative damage in experimental diabetic rats. *Process Biochemistry*, 45: 581-585.
5. Alkhamaiseh S. I., Taher M., Farediah A., Qaralleh H., **Althunibat O.Y.**, Deny Susanti D. and Solachuddin Jauhari Arief Ichwan S. J. (2012). The phytochemical content and antimicrobial activities of Malaysian *Calophyllum canum* (stem bark). *Pakistan Journal of Pharmaceutical Sciences*, 25 (3): 555-563.
6. Ridzwan B.H., Farah Hanis Z., Daud J.M., **Althunibat O.Y.** (2012). Protein Profiles of Three Species of Malaysian SeaCucumber; *Holothuria Edulis* Lesson, *H. Scabra* Jaeger and *Stichopus Horrens* Selenka. *European Journal of Scientific Research*, 75 (2): 255-261.
7. **Althunibat O.Y.**, Ridzwan B.H., Taher M., Daud J.M., Ichwan S. J. (2013). Antioxidant and cytotoxic properties of two sea cucumbers, *Holothuria edulis* Lesson, and *Stichopus horrens* Selenka. *Acta Biologica Hungarica*, 64, 1.
8. Rahma M. S., Mustafa B. E., Razali A., Shamsuddin N., **Althunibat O. Y.** (2013). The correlation between serum leptin and blood pressure after exposure to noise at work. *Noise & Health*, 15 (67), 375-8.
9. Faisal G. G, Alahmad B. E., Mustafa N. S., Najmuldeen G. F., **Althunibat O.** , Azzubaidib M. S. (2013). Histopathological Effects of Eurycoma Longifolia Jack Extract (Tongkat Ali) On the Prostate of Rats . *Journal of Asian Scientific Research*, 3(8), 843-851.

10. Faisal, Ghasak Ghazi and Mustafa Al-Ahmad, Basma Ezzat and Mustafa, Nazih Shaban and Najmuldeen, Ghazi Faisal and, **Althunibat O.Y.** (2013) The effect of *Eurycoma Longifolia* Jack extract (Tongkat Ali) on serum leptin levels in male rats. *World Academy of Science, Engineering and Technology*, 81. 747`-747. ISSN 2010-376X.
11. Ridzwan, B.H., Wan Syahirah, M.R., **Althunibat O. Y.**, Zulkipli FH. (2013) Antiarthritic Effects of Water Extraction Of *Centela Asiatica* L. Leaves On Adjuvant-Induced Arthritis In Rats. *International Journal of Recent Scientific Research*: 4 (1), 1701-1705.
12. Ridzwan B. H., Azizan NA, Zamlin Z, Zulkipli FH., Mazlan N., **Althunibat O. Y.** (2014). Toxicity effects of water extracts of *Holothuria atra* Jaeger in mice. *Asian Pacific Journal of Tropical Biomedicine*. 4(8), 614-617.
13. Qaralleh H., Idid S. Z., Saad S., Susanti D., **Althunibat O.**, Sheikh H. I., (2014). Antimicrobial activity of three hard coral species from South China Sea (Malaysia). *SYLWAN*: 158 (4), 20-25.
14. Qaralleh, H., Idid, S. Z., Saad, S., Susanti, D., & **Althunibat, O.** (2014). Isolation of Antimicrobial Compounds from Marine Sponge *Neopetrosia exigua*. *World Academy of Science, Engineering and Technology, International Journal of Health and Medical Engineering*, 1(5).
15. Majali I., Oran S., Khleifat K., Qaralleh H., Rayyan W. **Althunibat O.Y.** (2015). Assessment of the antibacterial effects of *Moringa peregrina* extracts. *African Journal of Microbiology Research*: 9(51), pp. 2410-2414.
16. Majali, I., Qaralleh, H., Idid, S., Saad, S., Susanti, D., & **Althunibat, O.** (2015). Potential antimicrobial activity of marine sponge *Neopetrosia exigua*. *J Basic Appl Res*, 1, 1-13.
17. **Althunibat O.Y**, Qaralleh H., Abboud M., Khleifat K., Majali I., Susanti D., Aldal'in H., Aldalin S. and Rayyan W. (2016). Effect of Thymol and Carvacrol, the Major Components of *Thymus capitatus* on the Growth of *Pseudomonas aeruginosa*. *JOURNAL OF Pure and Applied Microbiology*, 10 (1), 367-374.
18. Qaralleh, H., Idid, S. Z., Saad, S., Susanti, D., **Althunibat, O. Y.**, & Majali, I. (2016). Antimicrobial alkaloids isolated from marine sponges-MINIREVIEW. *Journal of Basic and Applied Research*, 2(1), 1-7.
19. Alnaimat, S., Shattal, S. A., **Althunibat, O.**, Alsbou, E., & Amasha, R. (2017). Iron (II) and

- other heavy-metal tolerance in bacteria isolated from rock varnish in the arid region of Al-Jafer Basin, Jordan. *Biodiversitas Journal of Biological Diversity*, 18(3), 1250-1257.
20. Al-Majali, I. S., Al-Oran, S. A., Hassuneh, M. R., Al-Qaralleh, H. N., Rayyan, W. A., **Al-Thunibat, O. Y.**, ... & Salem, S. (2017). Immunomodulatory effect of *Moringa peregrina* leaves, ex vivo and in vivo study. *Central-European journal of immunology*, 42(3), 231.
21. Mallah, E., Rayyan, W. A., Dayyih, W. A., Al-Majali, I. S., Qaralleh, H., & **Al-Thunibat, O. Y.** (2018). Analytical and Comparative Study About the Impact of Lead Homeostasis on Cardiovascular Disorders in Humans. *Biomedical and Pharmacology Journal*, 11(1), 277-284.
22. **Althunibat, O. Y.**, Al Hroob, A. M., Abukhalil, M. H., Germoush, M. O., Bin-Jumah, M., & Mahmoud, A. M. (2019). Fisetin ameliorates oxidative stress, inflammation and apoptosis in diabetic cardiomyopathy. *Life Sciences*. 221, 83-92
23. Saghir SAM, Al-Gabri NA, Ali AA, Al-Attar AR, Al-Sobarry M, Al-Shargi OYA, Alotaibi A, Al-Zharani M, Nasr FA, Al-Balagi N, Abdulghani MAM, Alnaimat SM, **Althunibat OY**, Mahmoud AM., (2021). Ameliorative Effect of Thymoquinone-Loaded PLGA Nanoparticles on Chronic Lung Injury Induced by Repetitive Intratracheal Instillation of Lipopolysaccharide in Rats. *Oxidative Medicine and Cell Longevity*. 28;2021:5511523. doi: 10.1155/2021/5511523.
24. Abukhalil, M.H., Hussein, O.E., Aladaileh, S.H., **Althunibat, O.Y.**, Al-Amarat, W., Saghir, S.A., Alfwuaires, M.A., Algefare, A.I., Alanazi, K.M., Al-Swailmi, F.K. and Kamel, E.M., (2021). Visnagin prevents isoproterenol-induced myocardial injury by attenuating oxidative stress and inflammation and upregulating Nrf2 signaling in rats. *Journal of Biochemical and Molecular Toxicology*, 35(11), 22906.
25. Abukhalil, M.H., **Althunibat, O.Y.**, Aladaileh, S.H., Al-Amarat, W., Obeidat, H.M., Alayn'Al-marddyah, A., Hussein, O.E., Alfwuaires, M.A., Algefare, A.I., Alanazi, K.M. and Al-Swailmi, F.K., (2021). Galangin attenuates diabetic cardiomyopathy through modulating oxidative stress, inflammation and apoptosis in rats. *Biomedicine & Pharmacotherapy*, 138, 111410.
26. Al-Amarat, W., Abukhalil, M.H., **Althunibat, O.Y.**, Alfwuaires, M.A., Alnamshan, M.M., Alqosaibi, A.I., Ahmeda, A.F., Kamel, E.M., Arab, H.H. and Mahmoud, A.M., (2021).

Galangin attenuates liver injury, oxidative stress and inflammation, and upregulates Nrf2/HO-1 signaling in streptozotocin-induced diabetic rats. *Processes*, 9 (9), p.1562.

- 27. Althunibat, O.Y.,** Abukhalil, M.H., Aladaileh, S.H., Qaralleh, H., Al-Amarat, W., Alfwuaires, M.A., Algefare, A.I., Namazi, N.I., Melebary, S.J., Babalghith, A.O. and Conte-Junior, C.A., (2022). Formononetin Ameliorates Renal Dysfunction, Oxidative Stress, Inflammation, and Apoptosis and Upregulates Nrf2/HO-1 Signaling in a Rat Model of Gentamicin-Induced Nephrotoxicity. *Frontiers in Pharmacology*, 13.
- 28. Althunibat, O.Y.,** Abduh, M.S., Abukhalil, M.H., Aladaileh, S.H., Hanieh, H. and Mahmoud, A.M., (2022). Umbelliferone prevents isoproterenol-induced myocardial injury by upregulating Nrf2/HO-1 signaling, and attenuating oxidative stress, inflammation, and cell death in rats. *Biomedicine & Pharmacotherapy*, 149, p.112900.
- 29.** Al-Amarat, W., Abukhalil, M.H., Alruhaimi, R.S., Alqhtani, H.A., Aldawood, N., Alfwuaires, M.A., **Althunibat, O.Y.,** Aladaileh, S.H., Algefare, A.I., Alanezi, A.A. and AbouEl-Ezz, A.M., (2022). Upregulation of Nrf2/HO-1 Signaling and Attenuation of Oxidative Stress, Inflammation, and Cell Death Mediate the Protective Effect of Apigenin against Cyclophosphamide Hepatotoxicity. *Metabolites*, 12(7), p.648
- 30.** Al-khawalde, A.A.M.A., Abukhalil, M.H., Jghef, M.M., Alfwuaires, M.A., Alaryani, F.S., Aladaileh, S.H., Algefare, A.I., Karimulla, S., Alasmari, F., Aldal'in, H.K. and Alanezi, A.A., and **Althunibat, O.Y.,** (2022). Punicalagin Protects against the Development of Methotrexate-Induced Hepatotoxicity in Mice via Activating Nrf2 Signaling and Decreasing Oxidative Stress, Inflammation, and Cell Death. *International Journal of Molecular Sciences*, 23(20), p.12334.
- 31.** Obeidat, H.M., **Althunibat, O.Y.,** Alfwuaires, M.A., Aladaileh, S.H., Algefare, A.I., Almuqati, A.F., Alasmari, F., Aldal'in, H.K., Alanezi, A.A., Alsuwayt, B. and Abukhalil, M.H., (2022). Cardioprotective Effect of Taxifolin against Isoproterenol-Induced Cardiac Injury through Decreasing Oxidative Stress, Inflammation, and Cell Death, and Activating Nrf2/HO-1 in Mice. *Biomolecules*, 12(11), p.1546.
- 32.** Alanezi, A.A., Almuqati, A.F., Alfwuaires, M.A., Alasmari, F., Namazi, N.I., **Althunibat, O.Y.** and Mahmoud, A.M., (2022). Taxifolin Prevents Cisplatin Nephrotoxicity by Modulating Nrf2/HO-1 Pathway and Mitigating Oxidative Stress and Inflammation in

Mice. *Pharmaceuticals*, 15(11), p.1310.

33. Aldal'in, H.K., Radhi, K.S., Alazragi, R., Abdelnour, S., Abukhalil, M.H., Askar, A.M., Khalifa, N.E., Noreldin, A.E., **Althunibat, O.Y.**, Arif, M. and Abd El-Hack, M.E., (2022). A review on the epigenetics modifications to nanomaterials in humans and animals: novel epigenetic regulator. *Annals of Animal Science*.
34. **Althunibat, O.Y.**, Mohammed Saghir, S.A., Aladaileh, S.H., Alrawadeh, A., Al-Areefi, M., Alghonmeen, R.D., Alkhaldeh, A.A.M.A. and Obaidat, H.M., (2022). Distribution and association of weight-loss diet programs with body mass index and health status among students at Al-Hussein Bin Talal University, Jordan. *Electronic Journal of General Medicine*, 19(6).
35. **Althunibat, O.Y.**, Saghir, S.A.M., Aladaileh, S.H. and Rawadie, A., (2023). The impact of weight loss diet programs on anemia, nutrient deficiencies, and organ dysfunction markers among university female students: A cross-sectional study. *Electron Journal General Medicine*. 2023; 20 (1): em436.
36. **Althunibat, O.Y.**, Abukhalil, M.H., Jghef, M.M., Alfwuaires, M.A., Algefare, A.I., Alsuwayt, B., Alazragi, R., Abourehab, M.A., Almuqati, A.F., Karimulla, S. and Aladaileh, S.H., 2023. Hepatoprotective effect of taxifolin on cyclophosphamide-induced oxidative stress, inflammation, and apoptosis in mice: Involvement of Nrf2/HO-1 signaling. *Biomolecules and Biomedicine*. 2023Feb.9.
37. Reham D. Alghonmeen, Saif M. Dmour, Sultan A.M. Saghir, Saqr Abushattal, Sulaiman Alnaimat, Mohammed Al-zharani, Fahd A. Nasr, **Osama Y. Althunibat**. Anti-MRSA and cytotoxic activities of different solvent extracts from *Artemisia herba-alba* grown in Shubak, Jordan. *Open Vet J*. 2024; 14(4): 990-1001.
38. Al-khawaldeh, O., Al-Alami, Z. M., **Althunibat, O. Y.**, Abuamara, T. M., Mihdawi, A., & Abukhalil, M. H. (2024). Rosmarinic Acid Attenuates Testicular Damage via Modulating Oxidative Stress and Apoptosis in Streptozotocin-Induced Diabetic Albino Mice. *Stresses*, 4(3), 505-517.
39. Abukhalil M., Al-Alami Z., Altaie H. A. A., Aladaileh S. H., Othman S. I., **Althunibat O. Y.**, Alfwuaires M. A., Almuqati A. F., Alsuwayt B., Rudayni H. A., Allam A. A.& Mahmoud A. M.; 2024, Galangin prevents gentamicin-induced nephrotoxicity by modulating

oxidative damage, inflammation and apoptosis in rats. Naunyn-Schmiedeberg's Archives of Pharmacology, Oct. 2024.

CONFERENCES

1. Qaralleh H.N., Khleifat K.M., Tarawneh K.A, Abboud M.M., Idid S.Z., Susanti D., **Althunibat O.Y.**, Chemical composition and antibacterial activities essential oil of *Thymus capitatus* from Jordan. 23rd Scientific Meeting of the Malaysian Society of Pharmacology and Physiology (23rd MSPP), 12th – 13th May, 2009. Kuala Lumpur, Malaysia. p92.
2. **Althunibat O.Y.**, Ridzwan B.H., Taher M., Daud J.M., and Ikeda M.A. Antioxidant and antiproliferative activities of malaysian sea cucumber, *Holothuria edulis* lesson, extracts. Bandung International Conference on Medicinal Chemistry, 6th -8th August, 2009. Bandung, Indonesia. p186.
3. **Althunibat O.Y.**, Ridzwan B.H., Taher M., Daud J.M., and Ikeda M.A. Antioxidant and Antiproliferative Activities of Malaysian Sea Cucumber, *Stichopus horrens*, Extracts. 3rd International Conference for Young Chemists. 23rd- 25th June, 2010. Penang, Malaysia. p170.
4. **Althunibat O.Y.**, Ridzwan B.H., Taher M., and Daud J.M. Antioxidant and Antiproliferative Activities of Malaysian Sea Cucumber, *Holothuria tubulosa*, Extracts. 3rd IIUM-iCAST 2010. 26th -29th, November 2010, Kuantan, Malaysia. p
5. **Althunibat O.Y.**, Ridzwan B.H., Taher M., and Daud J.M. In vitro anticancer and antioxidant activities of malaysian sea cucumbers. International Conference for Postgraduate Education (ICPE4). 27th - 29th, November, 2010, Kuala Lumpur, Malaysia. P
6. **Althunibat O. Y.**, Ridzwan Ridzwan B.H., Taher M., and Daud J.M. Malaysian Sea Cucumbers: A Promising Source of Anticancer and Antioxidant Agents. IIUM Research, Invention and Innovation Exhibition (IRIIE 2011). 9th -10th, February, 2011, IIUM.