

استاذ دكتور في كلية الصيدلة

Prof. Dr. Talal Ahmad Aburjai



BSc, MSc, PhD Pharmacy

Ex. Vice President, MEU

Ex. Dean of Faculty of Pharmacy

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❖ **Stanford wold ranking of scientist (2%)**

<https://drive.google.com/file/d/1bUJrvurVVBbxSI9eFZRSHFif7tt30-5U/view>. 2020

❖ **Stanford wold ranking of scientist (2%)**

❖ <https://elsevier.digitalcommonsdata.com/datasets/btchxktzyw/3>. 2021

❖ **AD Scientific Index 2022**

<https://www.adscientificindex.com/scientist.php?id=415703>

❖ **Stanford wold ranking of scientist (2%) 2023**

<https://elsevier.digitalcommonsdata.com/datasets/btchxktzyw/6>

.....
UJ Researchers Ranking: 12 (July 2019)

Jordanian research Ranking 24 (March 2019)

No. Of Publications *****

http://www.ju.edu.jo/Lists/Ranking/Disp_form.aspx?ID=4

Citation 4940

h-index 35 (Google scholar)

i-10 index 72

❖ **My Google Scholar:**

<https://scholar.google.com/citations?user=Kx9KqPIAAAAJ&hl=en>

.....
Reserach Interest scor 3462

Citation 4047

h-index 30

❖ **Research gate link:**

.....
https://www.researchgate.net/profile/Talal_Aburjai

Citation 5047

h-index 30

i10 h-index 74

Professional Highlites

- Vice President, Middle East University (2017-2019)
- Dean of Faculty of Pharmacy, Middle East University (2017-2019)
- Korean Health Industry Development Institutes Glocal Pharma Key Opinion Leader (GPKOL)2016
- Operation Manager, MonoJo/ HIKMA Pharmaceuticals
- Ex.Dean, Faculty of Pharmacy, University of Jordan
- Ex.Dean, Faculty of Pharmacy, Applied Science University-Jordan
- Ex.Dean, Faculty of Allied Sciences, Applied Science University-Jordan
- Member of board of trustees, Philadelphia University
- Member of board of trustees, Center of Excellence for Pharmaceutical Preparations
- Member of board of trustees, Jordan University Hospital
- Member of Supreme Committee of Food and Drug-JFDA
- JFDA Consultant for auditing and drug registration
- Chairman of the Strategic Committee (Faculty of Pharmacy, 2013-2018)
- Chairman of the Executive Committee of the Society of Faculties of Pharmacy in the Arab World
- Chairperson of Herbal and Natural Products Committee, JFDA
- Founder and Principle of the Jordanian Society of Palliative Therapy
- Chair of Pharmacy Sector, Jordan Society of Scientific Research (JSSR)
- Chair of Pharmacy Section, Higher Education and Accreditation Commission
- Member of Executive committee MeTA (Medicine Transparency Alliance)- JFDA, MoH, WHO
- Distinguish Researcher-University of Jordan 2011, 2013
- Participated in the evaluation of different professors in different universities for the rank of Professor and associate professor
- Establishment of the Office of Research Newsletter, with the mission to spotlight faculty and students' scholarly accomplishments and to develop a community of innovative faculty
- Consult with pharma and biotechnology companies on drug delivery/product development

Summary of Professional qualifications

- *Organizational and Strategic Planning*
- *Management Coaching*
- *Extensive background in staff recruitment and retention*
- *Staff training and development*
- *Superb written and oral communication skills*
- *Extensive experience of university growth, budgeting process, and staff management activities*
- *Sound knowledge of academic affairs and educational programs of the university*
- *Commendable knowledge of budget development, fiscal management, and expenditure control*
- *Familiarity with university resources, fundraising, and accreditation processes*
- *Ability to prepare and deliver highly effective presentations to senior level management*

- *Ability to operate computer and use standard computer software, efficiently*

GENERAL INFORMATION

Place of Birth : Irbid - Jordan.
Nationality : Jordanian
Marital Status : Married

EDUCATION

1. Post Doctorate, Department of Pharmaceutical Sciences, Faculty of Pharmacy, University of Kentucky, Lexington, KY. USA (2004-2005).
2. Ph.D. in Pharmacy (Phytochemistry and Natural Product Analysis), December 1996, Milan University, Milan, Italy.
3. MSc. In Pharmacy (Plant Biotechnology and Pharmaceutical analysis), December 1993, Milan University, Milan, Italy.
4. B.Sc. in Pharmacy (Pharmacy and Pharmaceutical Chemistry), 1988, Faculty of Pharmacy, Damascus University, Syria.

LANGUAGES

Arabic: Mother Tongue
English : Excellent
Italian: Very good
French: Fair

AREAS OF SPECLALIZATON

- GMP
- QA and QC of Drugs
- Pharmaceutical Analysis
- Ethno pharmacology
- Phytochemistry, Pharmacognosy and Natural Product Analysis.
- Pharmacological Activities and Toxicity of Medicinal Plants.
- Biosynthesis and Biotransformation Studies on Plant Cell and Tissue Cultures.
- Plant Biotechnology.
- Natural Products Quality Control
- Instrumental Analysis (HPLC, IR, UV, NMR, MS)
- CAM therapy

TITLE OF Ph.D. THESIS

- Secondary metabolites from Plant Origin and their biological evaluation.

PRESENT POSITION

- Professor, Department of Pharmaceutical Sciences, Faculty of Pharmacy, University of Jordan, Amman-Jordan.

ACADEMIC APPOINTMENTS

- 6/11/2006-

Professor, Department of Pharmaceutical Sciences, Faculty of Pharmacy, University of Jordan, Amman, Jordan.

- 1/7/2004 – 1/10/2004
Visiting Professor, Department of Pharmaceutical Sciences, Faculty of Pharmacy, University of Kentucky, Lexington USA (Prof. Peter A. Crooks Group).
- 1/9/2003 – 1/7/2004
Sabbatical Year, Department of Pharmaceutical Sciences, Faculty of Pharmacy, Amman Alahlia University, Amman, Jordan.
- 16/2/2002 – 5/11/2006
Associate Professor, Department of Pharmaceutical Sciences, Faculty of Pharmacy, University of Jordan, Amman, Jordan.
- 16/2/1997 – 15/2/2002
Assistant Professor, Department of Pharmaceutical Sciences, Faculty of Pharmacy, University of Jordan, Amman, Jordan.
- 15/3/1996 - 25/12/1996
Teaching Assistant, Department of Organic Chemistry and Industrial Chemistry, Milan University, Milan, Italy.
- 2/12/1991 - 22/11/1992
Teaching and Research Assistant, Department of Phytochemistry and Pharmacognosy, Faculty of Pharmacy, University of Jordan, Amman, Jordan.

ADMINISTRATIVE ACTIVITIES

- Vice President. Middle East University, Jordan 2017-2018
- Dean of Faculty of Pharmacy. Middle East University, Jordan 2017-2018
- Operation Manager. Monojo- Hikma Group, Jordan 2014-2015.
- Dean, Faculty of Pharmacy, The University of Jordan, Amman-Jordan (2010- 2014)
- Dean, Faculty of Pharmacy, Applied Science University, Amman-Jordan (2007-2009).
- Dean, Faculty of Allied Sciences, Applied Science University, Amman-Jordan (2007-2008).

Main Responsibilities:

- Leading the staff member of the faculty
- Leading and supervise the administrative team (Teaching assistant, clarets, secretarial team)
- Preparation of curriculum and controlling its application from the different parties
- Establishment of good communicating and networking with relevant institutions with the aim of promoting education and research.
- Have good relations with external institutions and organizations as well as international accreditation bodies.
- Establish strategic directives, aims and policies related to the educational process and research
- Develop a budget for the administration of the Faculty which conforms to University practices.
- Responsible for ensuring that the budget is expended in keeping with the general objectives towards which the budget was developed.
- Create an environment oriented to trust, open communication, creative thinking, and cohesive team effort
- Provide the team with a vision of the faculty objectives
- Motivate and inspire staff and administrative group
- Introducing the latest teaching methods, including the use of technology in the teaching process
- Coach and help students; help resolve dysfunctional behavior
- Intervene when necessary to aid the student in resolving issues
- Assure that the faculty members have the necessary education and training to effectively participate on the team

- Encourage creativity, risk-taking, and constant improvement
- Foster and encourage research within the Faculty
- Create and sustain a strong network outside the College with the aim of facilitating the process of education and training and research activities mainly with Private Pharmaceutical Sector.
- Chair of Department of Pharmaceutical Sciences, Faculty of Pharmacy, University of Jordan, Amman, Jordan (1997-2003).
- Chair of Department Council (1997-2012).
- Chair of Faculty Council (1997-2003, 2006-2009, 2010-).
- Chair of Postgraduate Committee (1999-2009).

Fund Raising Track

Squeezed budgets and government and university cuts were big challenges for me when I started my deanship. This very difficult situation urged me as a dean of the faculty of pharmacy to create new ideas for exploring new sources for funds. The challenge was poor infrastructure of the faculty including:

1. Limited number of class rooms (3 class rooms for 3000 students)
2. Badly equipped class rooms without advanced teaching aids (since 1982).
3. Poor laboratory equipment
4. Decayed offices, halls and corridors
5. Urgent demand for creating spacious labs and rooms coping with the increasing number of staff and students was challenging.
6. Increasing numbers of staff necessitated the availability of more research labs and even offices.
7. Deficiency of mutual collaboration between industry and academia represent the lime stone obstacle to find suitable funding source of academia.

Aims

1. Develop a comprehensive plan for achieving the resource development needs for the faculty
2. Research and identify long-term individual, foundation, corporate and public agency relationship prospects to cultivate and solicit.
3. Identify and manage relationships with strategic collaborative partners mainly the pharmaceutical sector.
4. Manage and enhance existing community relationships.
5. Explain, using personal relationships, media and other tools, budget and logistic deficiencies at the faculty.

Achievements:

- A. Through my personal efforts with the help of the administrative staff we were successful to raise around one million Dollars from local and international private pharmaceutical sectors. Which were invested in:
1. During the period 2010/2013 the number of classrooms increased from 3 to 14
 2. The 14 new class rooms are now equipped with advance teaching aids. Each class room is furnished with modern comfortable seats, air conditioners, smart board, advanced computer aids, internet and document cameras.
 3. Big improvements in the laboratories design and equipments were achieved. Thirteen laboratories for research purposes are now available for teaching, research and community service.
 4. Students laboratories were supplied with all the necessary equipments and materials needed. Many of these equipments are gifted from local pharmaceutical companies.
 5. More than 15 offices are created to serve the staff and equipped and furnished up to international standards.
 6. Excellent relationships with governmental, non-governmental, national and international pharmaceutical bodies have been established.
- B. Research funds
1. **Team co-leader of the project:** Project grant by German Academic Exchange Service (DAAD <https://www.daad.de>). Pharmazeutische Initiative für die Arzneipflanzen des Nahen Ostens in Forschung. 2023-2025.
 2. Team leader: The Effect of Combining Azithromycin with Jordanian Herbs to Eradicate *Streptococcus pneumonia* in vitro. Deanship of Scientific Research 2023-2024.
 3. Natural Gum to Stop Dental Caries Using Jordanian Medicinal Plants: Ex vivo Activity Study. KFAD 2023-2024.
 4. Pilot Regional Taskforce of the Arab Region on Traditional Pharmacopoeia in the Context of Sport Values, Ethics, and Integrity. the COP7 Bureau, UNESCO 2023.
 5. **Team co-leader of the project:** Project grant by German Academic Exchange Service (DAAD <https://www.daad.de>). Pharmazeutische Initiative für die Arzneipflanzen des Nahen Ostens in Forschung. 2020-2022.
 6. **Team Leader of the project:** Biodegradable insecticidal formula based on medicinal plants grown in Northern Jordanian Badia. (200.000 Euro) National Center for Research and Development. The Higher Council for Science and Technology. (20.000 JOD)
 7. **Team Leader of the project:** Conservation of Medicinal and Herbal Plants in Jordan, the National Center for Agriculture Research Technology Transfer (NCARTT), Ministry of Agriculture, Jordan. This project was funded from the International bank (\$270.000)
 - Variability of Essential Oils Content and Composition in Wild Accessions of Jordanian Majoran (*Origanum Syriacum*), 1998 - 1999.

- Effect of Different Shading Regimes on Herbage Yield and Essential Oil Content of Cultivated Oregano, 1999 - 2000.
- Influence of Different Environmental and Agricultural Management Conditions on Flavor Ingredients in Cultivated Melissa (*Melissa officinalis*) and Rossel Tea (*Hibiscus sabdarifa*), 1999 - 2000.
- 8. **Team Leader of the project:** Development of Medicinal Herbal Plants in Jordan as an Integrated Sector, the Royal society for the Conservation of Nature (RSCN). This project was funded from The International Bank (\$150.000)
- Medicinal Plants Inventory, Ethnopharmacological and Pharmacognostical Studies, 2001-2002.
- 3. **Team Leader of the project:** Discovery of new drugs from Jordanian Plants. Higher Council for Science and Technology, Jordan, 2004-2007. (Funded \$ 175.000)
- 4. **Team Leader of the project:** Conservation of Medicinal and Herbal Plants of Jordan. A botanical Survey of Wild Medicinal and Aromatic Plants in Mujib Nature Reserve and surrounding area. Ministry of Planning and International Cooperation- Royal Society for Conservation of Nature (RSCN), 2005. Funded by RSCN \$35.000
- 5. **Team Leader of the project:** Natural Iron chelating agent for thalassemic patient's alternative to deferoxamine. Funded by Ministry of Higher education. \$200.000 (2009-2013).
- 6. **Other research funded through The Deanship of Academic research for a total of \$150.000.**
- 7. Ageing among Jordanian population. Supported by Ministry of Higher education. 120.000 JD (2008).
- 8. **Team Leader of the project.** Evaluation of the fungicidal and nematicidal activities of *Inula viscosa* and *Ranunculus asiaticus* against certain soil borne plant pathogenic fungi and parasitic nematodes. National Center for Agriculture Research Technology Transfer (NCARTT), Ministry of Agriculture, Jordan, 2005.
- 9. **Team Leader of the project.** Development of drugs based on Jordanian natural flora (more than 6 drugs). These drugs based on Jordanian natural flora and all of them are launched in the market.
- 10. **Team Leader of the project.** Development of natural Pesticide formula based on Jordanian natural flora. Higher Council for Science and Technology, Jordan 2021-2023.
- 11. **Co-Team Leader** DAAD project “Medicinal Plants of the Near and Middle East in Research and Higher Education” (German Academic Exchange Service) Starting from the year 2021-2023.

NATIONWIDE ACTIVITIES and CONSULTATION

1. **JFDA (Jordan FDA) consultant**
 - Pharmaceutical industries Auditing (China, India, Qatar, Germany).
 - GMP Consultant
 - Head of Drug Classification Committee
 - Head of Natural Drug Registration Committee

- Head of Cosmetics Registration Committee
- Head of different committees responsible for evaluating and renovate the registration regulations (Cosmetics, Food, Natural drugs, pricing)
- Member of Supreme Committee of Food and Drug-JFDA (2010-2014).
- Member of Executive committee MeTA (Medicine Transparency Alliance)-JFDA, MoH, WHO

2. Pharmaceutical Companies consultant:

- Cesra Arzneimittel GmbH & Co. KG, Sitz: Baden-Baden, Germany
- Unique Pharma, Mumbai, India
- Hikma Pharmaceuticals- Jordan
- APM (Arab Pharmaceutical Company)- Alsalt-Jordan
- Nirma Pharmaceuticals-India
- Julphar Pharmaceuticals- UAE
- Nature Echos- Jordan
- Almutqadema- Jordan
- Allied for Natural cosmetics
- VAZU Pharmaceuticals- India
- PAN India Pharmaceuticals
- MegaFood, Herbal Teas Company, Amman-Jordan
- ALAttar, Herbal Teas Company, Amman-Jordan
- Systema For Scientific Research, Amman-Jordan
- Sukhtian housholding and Toiletries Mfg. Company, Faculty for Factory (FFF) program.
- AlMadaen Soap Indusry, Amman-Jordan.
- Alkabos, Herbal Teas Company, Amman-Jordan
- Pharmacy One group
- Dar Al Dawa, Jordan

9. Freelancer auditor (GMP Consultant) for Pharmaceutical, Herbal Products and Cosmetics Companies.

Academic Achievements

TEACHING EXPERIENCES

- *Undergraduate Courses, Faculty of Pharmacy*
 1. Phytochemical analysis, Fourth year students (2 credit hours, major responsibilities).
 2. Clinical Nutrition, Pharm D students (2 credit hours, major responsibilities).
 3. Phytochemical analysis lab., Fourth year students (2 credit hours, major responsibilities).

4. Instrumental Analysis, Third year students (2 credit hours, major responsibility)
 5. Practical Instrumental Analysis, Third year students (1 credit hour, joint responsibility)
 6. Pharmacognosy Course, Third year students (2 credit hours; major responsibility)
 7. Practical Pharmacognosy, Third year students (1 credit hour, joint responsibility)
 8. Phytochemistry (I) Course, Third year students (3 credit hours, major responsibility).
 9. Practical Phytochemistry (I) Course, Third year students (1 credit hour, joint responsibility)
 10. Phytochemistry (II) Course, Fourth year students (3 credit hours, major responsibility)
 11. Pharmacy Legislation, Fifth year students (1 credit hour, major responsibility)
 12. Toxic, Hallucinogenic and Allergenic Plants, Fifth year students (2 credit hours, major responsibility)
 13. Selected topics in Phytochemistry, Fifth year students (2 credit hours, major responsibility)
 14. Under Graduate seminar in Pharmaceutical Sciences (1 credit hour, major responsibility).
 15. Phytochemical Analysis Course, Fourth year students (2 credit hours, major responsibility).
- **Postgraduate Courses**
 1. Pharmaceutical Technology, Faculty of Pharmacy, **PhD** (3 credit hours, major responsibility).
 2. Natural Products Chemistry, Faculty of Pharmacy, **MSc** (3 credit hours, major responsibility).
 3. Natural Products Chemistry Practical, Faculty of Pharmacy, **MSc**(1 credit hours, major responsibility).
 4. Phytotherapy, Faculty of Pharmacy, **MSc**(3 credit hours, major responsibility).
 5. Medicinal Natural Products, Faculty of Pharmacy, **PhD**(3 credit hours, major responsibility).
 6. Spectroscopy, Faculty of Pharmacy, **PhD** (3 credit hours, major responsibility).
 7. Interpretation in Toxicology, **MSc** (3 credit hours, joint responsibility). For MSc Students in Toxicology, Department of Pathology, Microbiology and Forensic Medicine, Faculty of Medicine
 8. Method Development in Toxicology, **MSc** (3 credit hours, joint responsibility). For MSc Students in Toxicology, Department of Pathology, Microbiology and Forensic Medicine, Faculty of Medicine
 9. Food-drug Interaction. **MSc** (3 credit hours, Main responsibility). Department of Nutrition, Faculty of Agriculture.

PhD STUDENTS SUPERVISION

1. **“Ex-situ Cultivation of Wild Jordanian *Hypericum* Species: Quantifying Hypericin Content in Response to Fertilization”**, Mohammed Alrfaie, Faculty of Agriculture, University of Jordan, Starting February 2005-2008.
2. **"Melissa officinalis and Rosmarinus officinalis acting at GABA receptors"** University of Sydney, Australia. Abeer Bargouthi. April 2007-2011.
3. **“In-Vitro and In-Vivo Evaluation of Synthetic Triazoloquinolone Derivatives Against *Helicobacter pylori* ”**, Mohammad K. Abu Sini. Faculty of Science, University of Jordan, Jordan. 2011- 2014.
4. **“ In Vitro and In Vivo Evaluation of Selected plant extracts activity against *Helicobacter pylori*”**. Amalia Mayyas. 2014-2017.
5. **“Anti-Nephrolithiatic Assessment of Selected Medicinal Plants in Vivo and In Vitro”**. Farah Mamouri. Faculty of Pharmacy, The University of Jordan 2018-2020.
6. **"Anticancer Activity of Capsicum annum: Capsaicin Loaded Nano-Liposomes model'** Ali Al-Samydai Faculty of Pharmacy, University of Jordan 2018-2020.
7. **"Anti helicovactor pylori activity of selected medicinal plants: Insilco, In vitro and In vivo"** Deniz Al Tawalbeh, Faculty of Pharmacy, The University of Jordan 2018-2020.
8. **“Prophit Medicine under Modern Medicine”** Waseem Daana, Faculty of Islamic Studies, the University of Jordan, graduated July 2019-2022.
9. **Phytochemical and Anticancer study of Trifolium pretense (Red Clover)**. Noor Muhsen, Department of pharmacognosy, Collage of Pharmacy, University of Mustansiriyah 2021.
10. **Efficacy of Bentonite Nanoparticles Against Necrotic Enteritis in Broiler Chickens**. 2022. Mohammed Al Faqeeh

MSc STUDENTS SUPERVISION

1. **“Investigation of Chemical Constituents and Antimicrobial Activity in *Ferula harmonis* F. Root ”**, M. AL-Shae'r, Faculty of Pharmacy, University of Jordan, graduated May 2000.
2. **“The Antioxidant Properties of Selected Medicinal Plants on Erythrocytes”** Sana Sobuh. Faculty of Science, University of Jordan, graduated May, 2002.
3. **“The Effect of *Brassica olearacea* on the Pharmacokinetics of Ciprofloxacin in an Animal Model”**, Amani. Saa'deh, Faculty of Pharmacy, University of Jordan, graduated July, 2003.
4. **“Platelet aggregation Inhibition Effect of The Aerial Parts of *Gundelia tounnifortii*”**, S. AL-Halabi, Faculty of Medicine, University of Jordan, graduated November 2004.
5. **“The effect of *Apium graveolens* seeds on fertility of male albino rat”**, Ola Sanabra, Faculty of Science, University of Jordan, graduated April 2007.
6. **“Effect of Thujone and Myrecene on diabetes mellitus in albino rats”**, Sumia Al-Omari, Faculty of Science, University of Jordan, graduated April 2007

7. **"The anti-inflammatory activity of the leave extracts of *Urtica pilulifera* on albino rats"**, Suha Abudoleh, Faculty of Science, University of Jordan, graduated April 2007
8. **"Anti-inflammatory activity of Jordanian *Silybum marianum* on albino rats"**, Yara Malakha, Faculty of Science, University of Jordan, Starting November 2004.
9. **"Evaluation of *Mercurialis annua* extracts on skin wound healing of albino mice"**, Asma Frajeen, Faculty of Science, University of Jordan, graduated May 2007.
10. **"Experimental Validation of Ethnopharmacological Data Obtained Via ICF and UV for Some Antimicrobial Jordanian Medicinal Plants and Chemical Evaluation of the Active Volatile Oils"**, Reem A. Darhalli, Faculty of Pharmacy, University of Jordan. April 2007.
11. **"The Immunomodulatory Properties of Some Wild and Cultivated Jordanian Plants Containing Parthenolide"**, M. Ayman Salqini. Faculty of Pharmacy, University of Jordan. April 2007.
12. **"Hypoglycemic Activity of Volatile oils constituents"**, A. Hanan, Faculty of Science, University of Jordan, August 2007.
13. **"SAR of some volatile oils constituents on diabetes mellitus"**, Ayman Alqenna, Faculty of Pharmacy, University of Jordan. August 2007.
14. **"Burn Healing Activity of *Mercurialis annua* Extract on albino mice"**, M. Maysa, Faculty of Pharmacy, University of Jordan. August 2007.
15. **"The effect of *Artemisia herba alba* on the fertility of diabetic rats"**
Issa A. Hmoud, Faculty of Science, Al-Albait University, May 2008.
16. **"Wound healing properties of *Alkanna strigosa*"**, Reem Issa, Faculty of Pharmacy, University of Jordan. May, 2007-2009.
17. **"Wound healing properties of Northern Badia plants"** Ali Sarhan Faculty of Science, Al-Albait University, May 2007-2009.
18. **"Burns and wound healing activity of *Urtica pilulifera* on Albino rats"** Halima BuSaid, Faculty of Science, Department of Biological Sciences, University of Jordan, 2007-2009.
19. **"Hepatoprotective activity of some Jordanian plants"** Ahmad Saed, Faculty of Science, Al-Albait University, May 2007-2009.
20. **Active Constituents and antidiabetic properties of *Sarcopoterium spinosum***. Lubna Huzaifa, Damascus University, Syria. 2010.
21. **Phytochemical investigation of *Solanum nigrum* grown in Libia**. Iman Owne. Al-Fateh University, Tripoli, Libya. 2010.
22. **Anti-*Helicobacter pylori* effect of essential oils of *Achillea fragrantissima* and *Achillea santolina* and their major constituents alone and in combination with conventional antibiotics**. Wesam Ahmed. Faculty of Pharmacy, The University of Jordan, 2016.
23. **Anti-*Helicobacter* Effect of Capsaicin Alone and in Combination with Conventional Therapy**. Isra Tayseer. Faculty of Pharmacy, The University of Jordan, 2016.

24. **Effects of omega-3 on athletics performance, Muscle strength and BMI.** Majd Sharari, Faculty of Sport Education, The University of Jordan, 2016.
25. **Etnopharmacological Survey of CAM among Syrian Refugee in Al-Zatari Camp.** Aya Obeid, Faculty of Pharmacy, University of Petra, 2017.
26. **"Encapsulation of Capsaicin-in-Cyclodextrin inclusion complexes into liposomes: in vitro anti-inflammatory potential against cancer cell"** Hiba Adulnabi, Faculty of Pharmacy, University of Jordan, graduated July 2020.
27. **Co-supervisor "In vitro Anticoagulant Effect of Rosmarinus officinalis and Cinnamomum cassia and their Interaction with Blood Thinners"** Mannar aljaafreh Faculty of sciences al balqa applied university
28. **Co-supervisor "Wound and Burns Treatment using Advanced natural formula"** Seba Ali, Faculty of Pharmacy, University of Jordan, graduated July 2022.

MSc STUDENTS EXAMINAR

1. **"Stability of Lamotrigine and Fluoxetine in Plasma"** Ibrahim. A.Binsumait, Faculty of Medicine, University of Jordan, May 2000.
2. **"Pharmacognostical and Phytochemical Identification of Selected Medicinal Plants Commonly Used in Jordan"** Sawsan Abu- Hamdah, Faculty of Pharmacy, University of Jordan, May 2001.
3. **"The Effect of Formulation Factors on Thiomersal Activity against *Pseudomonas aeruginosa* and *Staphylococcus aureus*"**."Ali Abu-Kaddom, Faculty of Pharmacy, University of Jordan, January 2002.
4. **"Development and Evaluation of Analytical Methods for Detection and Rapid Screening for alpha Amylase Inhibitors in Natural Products: Application to Commonly Used Plants "** Rawand S. Abu Soud, Faculty of Pharmacy, University of Jordan, May 2002.
5. **"Impact of Microwave Processing on Properties of Solid Drug Delivery Systems"** Rani J. Qasem, Faculty of Pharmacy, University of Jordan, July 2002.
6. **"Determination of Some Pesticide Residues in Selected Medicinal Plants Commonly Used in Jordan"** Reema M. Hajou, Faculty of Pharmacy, University of Jordan, January 2003.
7. **"Phytochemical investigation of Colchicum triphyllum grown in Jordan"** K. Al-Eleimat, Faculty of Pharmacy, Jordan University of Science and Technology, Irbid, Jordan, May 2004.
8. **"Antioxidant activity of some Jordanian edible plants"** Ahmad Rustum, Faculty of Agriculture, University of Jordan, January 2005.
9. **"Phytochemical investigation of Prosopis fracta"** Rania Obeidat, Faculty of Pharmacy, Jordan University of Science and Technology, June 2005.

10. **"Dyeing Hair with Hibiscus sabdariffa Extract and Studying the Different Variables Affecting the Dyeing Process"** Lidia K. Halaseh, Faculty of Pharmacy, University of Jordan, July 2005.
11. **"Studying the Skin Whitening Effects of Arbutus andachne Extract"** Reem Issa, Faculty of Pharmacy, University of Jordan, July 2005.
12. **" Composition of Jordanian Rosemary and Fennel Essential Oils and their Antimicrobial Effects against Four Major Bacterial Food borne Pathogens and a Fungus"** Maysa H. Al-Nabulsy. Faculty of Pharmacy, University of Jordan, December 2006.
13. **" Studying the Free Radical Scavenging Properties of *Iberis amara* and *Iberis giraltica*"**. Kadria Musbah. Faculty of Pharmacy, Al-Fateh University. Tripoli-Libya. 5/4/2010. External examiner.
14. **"The effects of triazoloquinone on male fertility of albino rats"**. Rughia Musbah, Faculty of Science, Al albeit University. 29/7/ 2012.External examiner
15. **‘ Effects of newly prepared compound in induced diabetic and hyperlipidemic albino rats"**. Omayma Al-Jamal. Faculty of Science, Al albeit University. 29/7/ 2012.External examiner
16. **"Evaluation of adiponectin serum level of Jordanian diabetic patients"** Sheeren Alaidi.Faculty of Pharmacy, University of Jordan, July 2012.
17. **" Molecular Characterization of Antimicrobial Properties and Bioassay Guided Fractionation of Ficus sycomorus Extract"**. Reem Al-Mumaiz. University of Petra June 2019.
18. **"Encapsulation of Gingerols into Nano liposomes: Evaluation of *in vitro* anti-inflammatory and anticancer activity"** Fatima Kais Hamid. Al-Ahliyya Amman University. May 2022.
19. **"Development of *in vivo* testing model of Aluminium and Scopolamine induced AD suitable for drug discovery"** Obada Abu Saleh. Faculty of Pharmacy, University of Jordan, August 2022.
20. **"Codelivery of Raloxifene and Rutin as PEGylated Nano liposomal: Formulation, characterization and prophylactic activity against breast cancer.** Maryam A. Oleiwi. Al-Ahliyya Amman University. January 2024.

PhD STUDENTS EXAMINER

1. Nisreen Abdallat. Anioxidant Activity of Selected Medicinal Plants in vitro and on Human Erythrocytes. Department of Biological Science, Faculty of Science, University of Jordan. July 5, 2011.

2. Manal Najdawi. The synthesis of novel heterocyclic carboxamide derivatives and evaluation of their antihyperlipidemic and antioxidant activity., Faculty of Pharmacy, University of Jordan August, 2011.
3. Suha Telfah. Faculty of Pharmacy, University of Jordan December, 2016.
4. Rasha A. Abdul-kadeer Eldalawy. Phytochemical and Antitumor activity of *Silybum marianum* grown naturally in Iraq. A thesis Submitted to the Department of Pharmacognosy and Medicinal Plants and the Committee of Graduate Studies of the College of Pharmacy/Mustansiriyah University as Partial Fulfillment of the Requirements for the Degree of Doctor of Philosophy in Pharmacy (Pharmacognosy and Medicinal Plants). 2021
5. Alaa M. Abuodeh. Screening of Plant-Derived Hypoglycemic and Anticancer Bioactive Compounds. School of Pharmacy, University of Jordan August, 2021.
6. Rasha A. Abdul-kadeer Eldalawy, Phytochemical and Antitumor activity of *Silybum marianum* grown naturally in Iraq. College of Pharmacy/Mustansiriyah University, Iraq 2021.

MEMBERSHIP IN SCIENTIFIC AND PROFESSIONAL SOCIETIES

- Jordan association of Palliative Therapy (Founder)
- American Association of Pharmaceutical Sciences (AAPS)
- Jordanian Pharmaceutical Society.
- Jordan-Swedish Medical Association.
- Jordan Sport Medicine Association.
- The European Association for International Education.
- Jordan Society for Quality.
- The Arab Science & Technology Foundation
- Italian Chemical Society
- Pharmacog.net
- Member of Courses Evaluation Committee, Faculty of Pharmacy, University of Jordan.
- Member of Postgraduate Committee, Faculty of Pharmacy, University of Jordan.
- Member of the Scientific and Research Committee, Jordan Pharmaceutical association.
- Member and examiner at the Boarding Committee, Jordan Pharmaceutical association (Pharmacy Profession Qualifying Exam).
- Member of Cosmetics Committee at Jordan Food and Drug Administration (JFDA), Ministry of Health.
- Member of Bovine Encephalopathy Committee at Jordan Food and Drug Administration (JFDA), Ministry of Health.

REVIEWER

Acts as manuscript reviewer for the following research journals:

- BMC, Complementary and Alternative medicine
- Flavour and Fragrance Journal
- Pharmaceutical Biology
- Journal of Ethnopharmacology (Elsevier)
- Journal of Medicinal Plant Research (JMPR)
- Pharmacognosy Magazine
- Evidence Based Complementary and Alternative Medicine
- Science Asia Journal
- Boletin Latinoamericano y del Caribe de Plantas Medicinales y Aromaticas [BLACPMA]
- Journal of Herbs, Spices and Medicinal Plants
- Journal of Ethnobiology and Ethnomedicine
- Dirasat (Deanship of Academic Research, University of Jordan)
- Al-Najah University Journal
- Al-Basaer Journal (Deanship of Academic Research, University of Petra)
- Arabic Journal for Pharmaceutical Sciences
- Damascus University Journal for The Medical Sciences
- Applied Science University Journal
- Jordan Pharmaceutical Sciences Journal. Editorial Board
- RJMS. Editorial Board
- Advances in pharmacological Sciences
- Associate Editor of the American Journal of Analytical Chemistry (AJAC)
- International Journal of advances in Pharmacy, Biology and Chemistry (IJAPBC).
- Development in Pharmaceutics (DP)
- Current Advances in Analytical Chemistry(CAAC), Edin Wilsen Press
- Springer Plus
- EUREKA: HEALTH SCIENCES, ISSN 2504-5679 (Online), ISSN 2504-5660.
- The Natural Products Journal. Bentham Science, ISSN: 2210-3163 (Online).

SKILLS

- Computer Literacy: word7, Excel 5, Chemdraw, Isisdraw, DOS, PowerPoint.
1. Internet.
 2. Chemistry Databases.

PUBLICATIONS

1. Mohammad Al-faqieh, Anas Abdelqade, Talal Aburjai. Effect of Different Levels of Aqueous Suspension of bentonite Nanoparticles on Performance and Caarcass characteristics of Broiler Chichens. *Jordan Journal of Agriculture Sciences* 2023.
2. Mansoor, K., Aburjai, T., Al-Mamoori,F., & Schmidt, M. (2023). Plants with cosmetic uses. *Phytotherapy Research*,114.<https://doi.org/10.1002/ptr.801914>. (2003) *Phytotherapy Research*, 17 (9) , pp. 987-1000.
3. Meet the Editorial Board Member *The Natural Products Journal*, 2023, Vol. 13, No. 31.
4. Amal Mayyas, Luay Abu-Qatouseh, Mohammad Abu Sini, Rula Amr, Rand T. Akasheh,Nasr Alrabadi, Rula M. Darwish and Talal Aburjai. Fighting H. pylori with Medicinal Plants: A Study on Jordan's Traditional Remedies.*Current Traditional Medicine* 2023.
5. Noor Mohsen Naseer, Talal A. Aburjai, Ibrahim S. Al-Jubori. Isolation of Isoflavones from Iraqi Trifolium pretense. *Research Journal of Pharmacy and Technology* 2022; 15(10):4692-6. doi: 10.52711/0974-360X.2022.00787.
6. Medicinal Plants for the Treatment of Nephrolithiasis. Farah Al-Mamoori and Talal Aburjai. Chapter in *Nephrolithiasis - From Bench to Bedside*, DOI: <http://dx.doi.org/10.5772/intechopen.108495>, 2022
7. Al-Mamoori, Aburjai, Talal, El-Hajji, Feras, Al-Samydai, Ali. In vivo Diuretic Activity of Teucrium polium L. Aerial Parts Ethanolic Extract in Wistar Rats. *Journal of Research in Pharmacy* Volume 26, Issue 5, Pages 1317 – 1322 (2022).
8. Saiah, H., Saiah, W., Mokhtar, M. and **Aburjai, T.** Antioxidant and hepatoprotective potentials of olive (*Olea europaea* L. var. Sigoise) leaves against carbon tetrachloride-induced hepatic damage in rats, and investigation of its constituents by high-performance liquid chromatography-mass spectrometry. *International Food Research Journal* 29(3): 607 - 618 (June 2022).
9. Al-Samydai, A., Alshaer, W., Al-Dujaili, E.A.S., Azzam, H., **Aburjai, T.** Preparation, characterization, and anticancer effects of capsaicin-loaded nanoliposomes (2021) *Nutrients*, 13 (11), art. no. 3995,
10. A. Mayyas, H. Azzam, I. Tayseer, N. Al-Karablieh and **T. Aburjai.** Evaluation of the synergistic antimicrobial effect of folk medicinal plants with clindamycin against methicillinresistant *Staphylococcus aureus* strains. *Letters in Applied Microbiology*, 2021.
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12. Ali Al-Samydai1 , Maha A. Hajleh , Amal Akour , Nadeem Alabdallah , Mohammad Yousef , Ghaida Baqa'in , Ali Al-saadi , Lidia K. Al-Halaseh , **Talal Aburjai, 2021.** *Phytotherapeutic Approaches and*

- Ethnopharmacological Responses Against COVID-19. *Tropical Journal of Natural Product Research*, July 2021; 5(7):1208-1214
13. Ali Al-Samydai , Yasser Khalil Bustanji , Hanan Azzam, Farah Al-Mamoori , Deniz M. Al-Tawalbe, Bashaer Abu-Irmaileh , **Talal Aburjai, 2021.** Promising Cytotoxicity and Anticancer Activity of Capsicum Annuum. *Indian Journal of Forensic Medicine & Toxicology*, July-September 2021, Vol. 15, No. 3
 14. Hiba Abdelnabi, Walhan Alshaer, Hanan Azzam, Dana Alqudah, Ali Al-Samydai and **Talal Aburjai, 2021.** Loading of capsaicin-in-cyclodextrin inclusion complexes into PEGylated liposomes and the inhibitory effect on IL-8 production by MDA-MB231 and A549 cancer cell lines. *Z. Naturforsch*, May 26, 2021
 15. Sana M Kamal, Ali Al-Samydai , Rudaina Othman Yousif , **Talal Aburjai, 2021.** The Impact of COVID-19 Quarantine on Children's Behaviors and Language. *International Journal of Research in Pharmaceutical Sciences*, 11 (SPL)(1), 796-806
 16. Ali Al-Samydai , Yasser Khalil Bustanji , Hanan Azzam , Farah Al-Mamoori , Deniz M. Al-Tawalbe , Bashaer Abu-Irmaileh , **Talal Aburjai, 2021.** Promising cytotoxicity and anticancer activity of Capsicum annuum. *Indian Journal of Forensic Medicine & Toxicology*, (accepted)
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 18. Amal Mayyas, Mohammad Abu-Sini, Rula Amr, Rand T. Akasheh, Waleed Zalloum, Ayman Khdair, Islam Hamad, **Talal Aburjai**, Rula M. Darwish and Luay Abu-Qatouseh, **2021.** Novel in vitro and in vivo anti-Helicobacter pylori effects of pomegranate peel ethanol extract. *Veterinary World*, 14(1): 120-128
 19. Farah AL-MAMOORI, **Talal ABURJAI, 2020.** Anti-nephrolithiatic efficacy of Teucrium polium aerial parts extract in a lithiasic rat model. *Journal of Research in Pharmacy*, 24(6): 874-881
 20. Sana M Kamal , Ali Al-Samydai, Rudaina Othman Yousif , **Talal Aburjai, 2020.** The Impact of COVID-19 Quarantine on Children's Behaviors and Language. *International Journal of Research in Pharmaceutical Sciences*, September, 11 (1), 796-806
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24. Tayseer, I., **Talal Aburjai.**, Abu-Qatouseh, L., AL-Karabieh, N., Ahmed, W. and Al-Samydai, A., 2020. In vitro Anti-Helicobacter pylori Activity of Capsaicin. *J. Pure Appl. Microbiol*, 14(1), pp.279-286.
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34. Kamal Mansi,**Talal Aburjai**. Effect of celery (apium graveolens l.) On fertility and some biochemical and hematological parameters inalloxan-induced diabetic male rats. *Ijbpas*, july, 2019, 8(7).

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40. Luay Abu-Qatouseh , Mohammad Abu-Sini, Amal Mayyas, Yusuf Al-Hiari, Rula Darwish, **Talal Aburjai**. Synthesis of new nitrofluoroquinolone derivatives with novel Anti-microbial properties against metronidazole resistant *H. pylori*. *Molecules* 2017, 22, 71.
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44. Abeer Abdelhalim¹, Nasiara Karim, Mary Chebib¹, **Talal Aburjai**, Imran Khan, Graham, A.R. Johnston and Jane R.Hanrahan. Antidepressant, Anxiolytic and Antinociceptive Activities of Constituents from *Rosmarinus Officinalis*. *J Pharm Pharm Sci* (www.cspCanada.org) 18(4) 448 - 459, 2015
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47. **T.A. Aburjai**, I.M. Oun, A.A. Auzi, M.M. Hudaib. Volatile Oil Constituents of Fruits and Leaves of *Solanum nigrum* L. Growing in Libya. Journal of essential oil-bearing plants JEOP 08/2014; 17(3):397-404.
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53. Kamal Mansi, **Talal Aburjai**, Mohammed AlBashtawy and Muna Abdel-Dayem. Biochemical factors relevant to kidney functions among Jordanian children with beta-thalassemia major treated with deferoxamine. International Journal of Medicine and Medical Sciences 5(8), pp. 347-379, 2013.
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97. Afifi Fatma U.; **Aburjai Talal**. "Antiplatelet activity of *Varthemia iphionoides*". **Fitoterapia** 75(7-8), 629-633 (2004).
98. F. Alali, M. Hudaib, **T. Aburjai**, K. Khairallah and N. Al-Hadidi. "GC/Ms analysis and antimicrobial activity of the essential oil from the stem of the Jordanian toothbrush tree (*Salvadora persica*)". **Pharmaceutical Biology** 42 (8), 577-580 (2004).
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102. Khalil I. Al-Mughrabi and **Talal Aburjai**. "Fungistatic activity of root extracts from *Ferula harmonis*". **Phytopathologia Mediterranea** 42, 141-148 (2003).
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113. **T. Aburjai**, "Antiplatelet Stibenes from Aerial Parts of *Rheum palaestinum*". **Phytochemistry** 55, 407 - 410 (2000).
114. **T. Aburjai**, S. Al-Kalil and A. Al-Kofahi, "Bioactive Triterpenes from *Arubtus andrachne*". **Alexandria Journal of Pharmaceutical Sciences** 13(2), 155-118 (1999).

115. **T. Aburjai**, S. Al-Khalil and M. Abuirjeie, "Vitamin D₃ and its metabolites in Tomato, Potato, Egg plant, and Zucchini Leaves. **Phytochemistry** 49(8), 2497 - 2499, (1998)
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118. **T. Aburjai**, S. Bemasconi, L. Manzocchi, and F Pelizzoni, " Isolation of 7-Dehydrocholesterol From Cell Cultures of *Solanum malacoxylon* ". **Phytochemistry** 43(4), 773(1996).
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120. **Conference Paper: Antimicrobial activity of local herbal oils and extracts against Helicobacter pylori** Amal Mayyas · Talal Aburjai · Rula Darweesh · Luay Abu-Qatouseh ·

PATENTS

- 1. Talal Aburjai**, Rula Darwish and Luma Al-Banna. "Gundelia tournifortii L. A Native Jordanian edible plant to Control Nematodes", *Jordan Patent 2344*, May 2006. (priority date June 5, 2005).
- Ahmad Disi, **Talal Aburjai**, Mutasem Taha and Noor Alhaj. Natural antihyperlipidemic drugs. *Jordan Patent 2614*, 21/2/2012.
- Talal Aburjai, AB saijai, Amir Balash, M. Saijai and Chad Khatib. "New method for Syrup preparation of Rosa damascana without sugar". Patent No. 6329. SAR.

BOOKS:

- 1. Talal Aburjai**. Aromatic and Medicinal plants, Teachers book. Ministry of Education. 2010.
- 2. Talal Aburjai, Rabab Tayyem and Mutasem Taha**, Ethnopharmacology as an Emergent Discipline: from empirical knowledge to drug discovery In Handbook of Ethnopharmacology. **Edited by Research Signpost and Prof M. EDDOUKS. ISBN 978-81-308-0213-8** 2008.
- 3. Talal Aburjai** , Our Medicinal Plants. RSCN, GEF. Amman-Jordan, ISBN 3198/10/2007.

4. **Talal Aburjai**, Feda Natsheh and Ahmad Qasem. *Anti Ageing Plant Products: Clinical Issues and Perspectives in "Contemporary Perspectives on Clinical Pharmacotherapeutics"*. pp723-731, 1st edition 2006, Elsevier. ISBN-10: 81-312-0388-3.
5. **T. Aburjai** and G. Hajawi, *Practical Pharmacognosy and Medicinal Plants*, Dar Al-shorok and Dar Yafa Publishing Company, Amman- Jordan, ISBN 9957-407-19-7, 2000.
6. **T. aburjai**, Reem al-Janabi, M. Al-Zweiri. Antioxidants with Sunscreening Properties. In *Sunscreens* edited by Rajesh Rastogi. Nova Science publisher 2018.
7. Farah Al-Mamoori and Talal Aburjai. Medicinal Plants for the Treatment of Nephrolithiasis Chapter in *Nephrolithiasis - From Bench to Bedside*, DOI: <http://dx.doi.org/10.5772/intechopen.108495>, 2022.

CONFERENCES, MEETINGS AND WORKSHOPS

1. 10th International Conference of Novel Psychoactive Substances. Keynote Speaker (Unveiling Psychoactive Plants: Effects, Significance, Cultural Context, and Implications in Doping and in Community). Abu Dhabi UAE 6-9/November 2023.
2. 5th Arab Pharma Manufacturers Expo 2023. Amman 11-7—2023.
3. Medicinal Plants of the Near and Middle East in Research and Higher Education” “Workshop DAAD-Projekt PIANO Pharmazeutische Initiative für die Arzneipflanzen des Nahen Ostens in Forschung” keynote speaker. Amman October, 2022.
4. Medicinal Plants of the Near and Middle East in Research and Higher Education” “Workshop DAAD-Projekt PIANO Pharmazeutische Initiative für die Arzneipflanzen des Nahen Ostens in Forschung” keynote speaker. Amman 2021.
5. Medicinal Plants of the Near and Middle East in Research and Higher Education” “Workshop DAAD-Projekt PIANO Pharmazeutische Initiative für die Arzneipflanzen des Nahen Ostens in Forschung” keynote speaker. Amman 2020.
6. Food Drug Interaction, Workshop. Principle Speaker. Agriculture Association. Amman 14-20/8/2018. Amman
7. The first conference of faculty of pharmacy new trends In pharmacy between science and industry / faculty pharmacy in Yarmouk University 23-Nov/2017 (co-enzyme :the promising anticancer drug).
8. Invited Speaker, Humboldt conference “Int Conf / Humboldt Kolleg "Jordanian Life Sciences for Sustainable Development" on Thurs. April 27th - Sat 29th, 2017” H. pylori: the art of challenge.
9. 8th International conference of the ROYAL MEDICAL SERVICES, 15-18/11/2016. Dead Sea – Jordan.
10. FIP Global Conference on Pharmacy and Pharmaceutical Sciences Education, Ningbo China 7 – 8 November 2016. Official Delegate
11. Session Chair. GMP. 1st international congress of Jordan Food & Drug Administration, Amman 27-28 October 2016.
12. The Excellence in Pharmacy Education & Research : A Quality Approach 25th-27th October, 2016.
13. Pharmacy curriculum. International Conference of the School of Pharmacy at the Lebanese International University, and the 19th Congress of the Association of Pharmacy Colleges in

- the Arab World under the theme: “**Advancing Pharmacy Horizons: Integrating Education, Practice & Research**” from the 18th-20th of October, 2016 at LIU Bekaa campus.
14. First International Medical Conference of Jerash Gov. Hospital, 27-28/7/2016.
 15. The 1st international conference on Natural Products and Drug Discovery. The University of Jordan, Amman 8-10/9/2015.
 16. Effet cicatrisant de *Polygonum equisetiforme*: Etude histopathologique, biochimique et biophysique. Halima SAIAH, Ahmed Disi, Talal Aburjai. **The Second International Conference on Natural Health**. October 26th-28th, 2014. Mostaganem, Algeria
 17. Effet cicatrisant de l'extrait éthanolique de *Polygonum equisetiforme*. Halima SAIAH, Ahmed Disi, Talal Aburjai. **International Congress on Aromatic and Medicinal Plants**. May 8th-10th, 2012. Sidi Belabess, Algeria
 18. Wound healing promoting effect of ethanol extract of *Polygonum equisetiforme*: biophysical, biochemical and histological evaluation. Halima SAIAH, Ahmed Disi, Talal Aburjai. **The Second Mediterranean Symposium on Medicinal and Aromatic Plants**. April 22nd-25th, 2015. Antalya, Turkey.
 19. Invited speaker at Science Conference at Faculty of Pharmacy, Fayoum University, Fayoum, Egypt March 3, 2016. Topics: 1) Experimental Pharmacology and Drug Research and 2) Newer Approaches to the discovery of glitazones
 20. Invited speaker at the Golden Jubilee Celebrations of Faculty of Pharmacy, University of Khartoum, Khartoum, Sudan during Feb 26, 2016 to March 2, 2016. Topics: 1) Herbal Drugs: Current Challenges and 2) Animal Models of type2 diabetes Mellitus.
 21. Invited Speaker. The 15 conference of the Association of Faculties of Pharmacy in the Arab world, Um Durman University, Sudan, 18-21/11/2015
 22. Invited Speaker. The First conference of the Faculty of Pharmacy Union in Jordan. Al Esra University, Amman 2/9/2015.
 23. Chairperson of the 1st Conference of Public Pharmacist Sector. Jordan Pharmaceutical Association. Amman, 9-11 June 2015.
 24. Jordanian Chemical Society 15th Conference. Al-Albait University. April 2015.
 25. Higher Education of Syrian Refugee in Jordan. Humboldt Kollege. April 2015, Amman-Jordan.
 26. Head of the Pharmaceutical section of “ Building International Networks for Enhancement of Research in the Arab World” Humboldt Kollege. November 3-5, 2015. Algeria.
 27. Chairperson of The 15th Conference of Jordan Pharmaceutical Association. Amman, 2-5 April 2014.
 28. Head of the Pharmaceutical section of “ Building International Networks for Enhancement of Research in Jordan” Humboldt Kollege. April 3-5, 2014.

29. How to establish Food and Drug quality control unit. Workshop Instructor, Khartoum-Sudan September 2013.
30. How to establish Food and Drug quality control unit. Workshop Instructor, India-November 2013.
31. "Good Governance for medicine Workshop"-JFDA. Amman 4-7-2013.
32. MeTA (Medicine Transparency Alliance)-JFDA, MoH, WHO workshop. Amman 12-5-2013.
33. Scientific day for HamdiMangoCenter for Scientific Research (HMCSR), 17th May 2013, Amman-Jordan.
34. National Conference for the Development of Study plans, Teaching and Learning, and Scientific Research in Jordan, June Amman 15-17, 2011, organized by Ministry of Higher Education and Scientific Research.
35. Oral presentation: "Faculty of Pharmacy-Faculty of Excellence" The International Conference on Materials in Jordan, Humboldt Kolleg, German –Jordanian University (GJU), Amman, Jordan, 9-11 April /4/2011.
36. Oral presentation: "Pyrido-Quinoxalinones, As potentiel antibacterial and anticancer compounds" The 4th International Conference on Health Care (IHC), Al-Ahliyya Amman University,, Amman, Jordan, 4-5 May /5/2011.
37. The 3rd International Pharmaceutical Conference, Al-Zaytona University, 20-22 April 2010
38. The Faculty Scientific day-Faculty of Pharmacy, 28th April 2011, Amman-Jordan.
39. Scientific day for HamdiMangoCenter for Scientific Research (HMCSR), 24th May 2011, Amman-Jordan.
40. The 13th Conference of Jordan Pharmaceutical association. Head of Scientific committee. Amman, 22-24 April 2010.
41. The 5th Scientific day of the Department of Pharmacognosy at Damascus University. 24-25 February 2010. Natural Cosmetic Preparations. Damascus, Syria
42. Jordanian Aromatic and Medicinal Plants Project. Closing Session. 4-6 February 2010. Dead Sea. Economical value of Jordanian Medicinal Plants. Ministry of Planning, Jordan.
43. Second Kalamoon University Conference. 14-16 April 2009. Plants Used in Cosmetic Preparations. Kalamoon University, Syria.
44. 4th Gloubal Summit on medicinal and aromatic Plants 2009. December 1-5, 2009 Malaysia. Hypericine from *Hypericum triquitifolium*. Century foundation.
45. The 12th Scientific Congress of the Association of the Colleges of Pharmacy and the Second Conference of the Faculty of Pharmacy, Future Vision in Pharmaceutical Sciences, University of Aleppo, Aleppo-Syria, 5-7, November, 2008.
46. Evaluation of the current ethnopharmacological status in Jordanian society using ICF. The 1st International Symposium on Medicinal Plants, their cultivation and aspects of uses. *Petra-Jordan 15-16 October, 2008.*
47. Ethnopharmacological Survey Of Medicinal Herbs In Tafila Region (Jordan) Abeer AbdelHalim, TalalAburjai, Mary Chebib1 and Jane Hanrahan. *Faculty of Pharmacy, The University of Sydney, NSW 2006, Australia 2008.*
48. Hypericin Content Variation in *Hypericum triquetrifolium* Turra Wild Populations in Jordan. The Sixth Scientific Jordanian Agriculture Scientific Conference. 9-12 April 2007. Amman-Jordan.

49. Advance NMR workshop. Amman 25-31/3 2007. Varian USA.
50. Patent Challenges in Pharmaceutical Sector; impact, overcoming challenges and future prospective. **ASST, WIPO, FARSC**. Session on: The Importance Of Intellectual Properties In Scientific Research and Economic and Industrial Growth In the Arab World. 23-25 January 2006. Damascus-Syria.
51. The Third Medical Conference For Royal Medical Services, Amman, April 2006
52. Antiplatelet, antimicrobial and volatile oil composition of *Achillea falcata*. The 9th International Pharmaceutical Sciences Meeting and Exposition, December 17-21, 2005 Riyadh, Saudi Arabia.
53. Effects of Smoking on Sportsmen. Jordan Sport Medicine Federation, Jordan Olympic Committee. 27-2-2005.
54. Trauma-Management and Sport. The 4th Symposium and Workshop Jordanian Swedish Medical Association, 16-17 September 2005 Amman-Jordan.
55. X-ray and FT-NIR Techniques Principles and Applications. Bruker, Sena Establishment for Laboratory Equipment Trading. Amman, 31-8 to 1-9/2005.
56. Medicinal Plants in Sport. Jordan Sport Medicine Federation, Jordan Olympic Committee, First Aid and Rehabilitation of Injured Athletes. 8-10 April 2004.
57. Separation Techniques: HPLC, GC-MS, LC-MS. Workshop, Varian Company USA. Amin Shukeer Drug Store, Amman 4-7, 2004.
58. Plant Cell Cultures as a Tool for Production of Pharmaceuticals. The 9th Scientific Week of The Higher Council for Science and Technology: Biotechnology and its role in the Jordanian Economy. 6-8 November 2003. Jordan University of Science and Technology, Irbid-Jordan.
59. GC-MS Characterization of the Essential Oils of Selected Medicinal Aromatic Plants from Jordan. 9th International Meeting On Recent Developments In Pharmaceutical Analysis (RDPA 01), Lipari, Aeolian Island, Messina, Italy, June 3-8, 2001 (Poster).
60. The 5th Scientific Congress of the Association of the Colleges of Pharmacy and the Second International Conference of the Faculty of Pharmacy, New Millennium New Horizons in Pharmaceutical Sciences, University of Jordan, Amman, Jordan, 16 - 18, October, 2001.
61. Lecturing for Community Pharmacist, Continuing Education Course, Jordanian Pharmaceutical Association, Amman - Jordan, August, 2001.
62. The Seventh and Eighth Jordanian Pharmaceutical Association Conferences, Amman, Jordan 1999 and 2000.
63. A Post-graduate Program In Pharmaceutical Sciences at Milan University: Academic Achievement and Life Experience, Higher Education in The European Union, Faculty of Student Affairs, University of Jordan, Amman, Jordan, 25-26 October, 1999.
64. Effect of Calcium and Cell Immobilization on the Production of Cholecalciferol and its Derivatives by *Solanum malacoxylon* Cell Cultures. The Second Annual Meeting of the Association of Colleges of Pharmacy in the Arab World, Lebanese American University, Byblos-Lebanon, 16-18 October 1999.

65. $1\alpha,25(\text{OH})_2\text{D}_3$ Biosynthesis and D_3 Biotransformation in Plantlets, Cell Culture and Protoplasts of *S.malacoxylon*". European Research Conferences Plant Cell Biology and Biotechnological Applications, Helsinki (Finland), 14-19 March 1997.
66. Chemical and Pharmacological Characterization of *Erythrophleum lasianthum* Constituents. First Scientific conference for The Association of Pharmacy Faculties in The Arab World, Jordan University of Science and Technology, Faculty of Pharmacy, 13-15 October 1997.
67. Biotransformation of Vitamin D_3 with *Solanum malacoxylon* Cell Cultures. The 8th Arab Conference of Biological Sciences and the 4th Jordanian Conference of Biological Sciences, Faculty of Science, University of Jordan, Amman, Jordan, 8 - 11 November 1997.
68. Effetto del Calcio su Biosintesi e Biotrasformazione della Vitamina D_3 in Colture Cellulari di *Solanum malacoxylon*. Convegno " Biocatalisi e Sintesi Organica", Acquafredda di Maratea, Italia, 3-5 May 1996.
69. Biotransformation of Vitamin D_3 with *Solanum malacoxylon* Cell Culture. European Research Conference in Plant Cell Biology and Biotechnological Applications. Durban (Paris - France), 14-19 February 1995.
70. Biotransformation of Cholecalciferol in Cell Cultures. XVIII Congresso Nazionale della Societa Chimica Italiana, Milan, Italy, 27 August-1 September 1995.
71. Multienzyme Systems in redox Processes. Oxidation of Naphthalene's by a Pseudomonas: from the wild Type to a Mutant and to Engineered Cells. Biotransformation of Vitamin D_3 into 1,25-Dihydroxycholecalciferol by Suspension Cultures of Cells of *Solanum malacoxylon*. Colloque Franco-Italian/Conferenza Franco-Italiana, La-Londe-Les-Maures (France), 29 May- 1 June 1995.
72. Secondary Metabolites from the Seed of *Erythrophleum lasianthum*. Italian Chemical Society, III National Conference. Amalfi (SA), Italy, 29 May - 01 June 1994.

REFEREES

1. Prof. Dr. Adel Tweissi

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- **UJ ranking July 2019**

Rank	Name in English	Name in Arabic	School	H-index	Citations	i10-index
1	Moh'd Hussein	محمد حسين	Science/ Physics	74	18189	226
2	Nidal Ershaidat	نضال الرشيدات	Science/Physics	71	15875	206
3	Shaher Momani	شاهر المومني	Science/ Mathematics	64	12919	150
4	Malik Juweid	مالك جويد	Medicine	43	11645	81
5	Ra'ed Masa'deh	رائد مسعدة	Business	42	3616	80
6	Kamel Ajlouni	كامل العجلوني	Medicine	34	5259	95
7	Tareq Hussein	طارق حسين	Science /Physics	34	4116	71
8	Fatma U Afifi	فاطمة العفيفي	Pharmacy	31	3923	85
9	Rida Shibli	رضا شبلبي	Agriculture	31	2605	64
10	Fuad Kittaneh	فؤاد كتانة	Science/Mathematics	29	2888	74
11	Mohammad Mubarak	محمد مبارك	Science/Chemistry	29	2869	92
12	Talal Aburjai	طلال أبو رجب	Pharmacy	28	2964	84
13	Mutasesm Taha	معتصم طه	Pharmacy	28	2675	78
14	Mohammad Raqab	محمد رقب	Science/Mathematics	28	2580	62
15	Mahmoud AL-Omiri	محمود العميري	Dentistry	27	2432	45
16	Muayyad Ahmad	مؤيد احمد	Nursing	27	2245	49
17	Reyad Shawabkeh	رياض الشوابكه	Engineering/Chemical	26	2563	44
18	Abdulkader M. Abed	عبدالقادر عابد	Science/Geology	26	2294	67
19	Yasser Bustanji	ياسر بستنجي	Pharmacy	26	2120	44
20	Mohammad Al-Shannag	محمد الشناق	Engineering/Chemical	26	1591	37

- **Jordan ranking 2019**

17	Fatma U Afifi	فاطمة عفيفي	University of Jordan	Pharmacy	31	3739	82	*****
18	Omar Abu Arqub	عمر أبو عرقوب	Al-Balqa Applied University	Science	31	2854	52	***
19	Rida Shibli	رضا شبلي	University of Jordan	Agriculture	30	2556	62	*****
20	Nihad Dib	نهاد ذيب	JUST	Engineering	29	2829	71	*****
21	Ahmad Alkofahi	أحمد الكوفحي	JUST	Pharmacy	29	2820	46	*****
22	Fuad Kittaneh	فؤاد كنانة	University of Jordan	Science	29	2788	72	*****
23	Zouhair Amarin	زهير عمارين	JUST	Medicine	29	2409	49	*****
24	Talal Aburjai	طلال أبو رجيع	University of Jordan	Pharmacy	28	2862	48	*****
25	Mohammad Mubarak	محمد مبارك	University of Jordan	Science	28	2654	82	*****
26	Emad Dujaili	عماد الدجيلي	Middle East University	Pharmacy	28	2467	51	*****
27	yahya Aldegs	يحيى النقس	Hashemite University	Science	27	4649	45	****
28	Mutaseem Taha	متصم طه	University of Jordan	Pharmacy	27	2568	76	*****
29	Mohammad Raqab	محمد رقب	University of Jordan	Science	27	2442	61	*****
30	Kamal BaniHani	كمال بني هاني	Hashemite University	Medicine	27	2418	54	*****