

السيرة الذاتية

المعلومات الشخصية:

اسم عضو هيئة التدريس : منى بنت سليمان بن إبراهيم الوهبي
المرتبة: استاذ دكتور
التخصص: تصنيف النبات الجزيئي
الكلية : العلوم (نبات وأحياء دقيقة)
الجنسية: سعودية
المؤهل العلمي: دكتوراه
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المؤهلات العلمية:

1. دكتوراه في العلوم 2013 قسم النبات والاحياء الدقيقة - جامعة الملك سعود - كلية العلوم، المملكة العربية السعودية، تصنيف نبات جزيئي، عنوان الرسالة (التنوع الوراثي لعشائر نبات الرمرام *Heliotropium digynum* L. في المنطقة الوسطى بالمملكة العربية السعودية باستخدام بعض الدلائل الجزيئية وغير الجزيئية *Heliotropium digynum* the genetic diversity of populations of *Heliotropium digynum* (in the central region of the Kingdom of Saudi Arabia by using some Molecular and non- Molecular aspects).
2. ماجستير في العلوم 2007، قسم النبات والاحياء الدقيقة - جامعة الملك سعود - كلية العلوم، المملكة العربية السعودية، تصنيف النبات. عنوان الرسالة (دراسة تصنيفية لأنواع الجنس *Heliotropium* L. من الفصيلة البوراجينية في المملكة العربية السعودية (Systematic Studies on the Species of the Genus *Heliotropium* (Boraginaceae) in Saudi Arabia).
3. بكالوريوس في العلوم عام 1996، قسم النبات والاحياء الدقيقة - جامعة الملك سعود - كلية العلوم، المملكة العربية السعودية.

التاريخ الوظيفي:

1. أستاذ - علم النبات - جامعة الملك سعود - كلية العلوم، المملكة العربية السعودية 2022.
2. أستاذ مشارك، علم النبات - جامعة الملك سعود - كلية العلوم، المملكة العربية السعودية 2018.
3. أستاذ مساعد، علم النبات - جامعة الملك سعود - كلية العلوم، المملكة العربية السعودية 2013.
4. محاضر، علم النبات والاحياء الدقيقة - جامعة الملك سعود - كلية العلوم، المملكة العربية السعودية، 2008-2013.

الاهتمامات البحثية:

1. تعريف وتوصيف النباتات المختلفة باستخدام الدلائل التصنيفية الكلاسيكية والحديثة.
2. التشييد الحيوي للنانو من النباتات الطبية ودورها كمضادات حيوية للميكروبات المسببة للأمراض والخطوط السرطانية.
3. التكنولوجيا الحيوية واستخدامها في التنمية المستدامة.

المؤتمرات:

1. مشاركة ببوستر تقديمي بعنوان (Micromorphological characteristics of pollen grains of *Ruellia* L.)
in Saudi Arabia (Acantharean)) بالمنتدى والمعرض الدولي الأول للزراعة المستدامة 20-22 نوفمبر 2023، المملكة العربية السعودية- الرياض.
2. مشاركة ببوستر تقديمي بعنوان (Cytotoxic and antibacterial properties of nanoparticles synthesized from various brands of bee honey) بالمؤتمر الدولي الثاني (الافتراضي) للطب التقليدي والطب البديل 29-30 أغسطس 2022، الولايات المتحدة الاميركية.
3. مشاركة بالمؤتمر الافتراضي (الأبحاث والتقنيات الناشئة لمواجهة التحديات الحالية في بناء نظام زراعي أكثر استدامة) 10-11 مايو 2021، الولايات المتحدة الاميركية.
4. مشاركة بالمؤتمر الافتراضي (المؤتمر الدولي لعلوم النبات) ففانكوفر كندا، 17-18 يونيو 2020.
5. المشاركة بـ Poster بعنوان Effective of Some Plant secondary substance Extraction on microbial activity في المؤتمر العالمي لعلوم النبات والإيكولوجيا الميكروبية. فالنسيا- اسبانيا 17-19/6/2019
6. منظمة لفعاليات الملتقى الثقافي والعلمي لجامعات دول مجلس التعاون لدول الخليج العربي 18-23 يناير 2015 بجامعة الملك سعود.
7. مشاركة ومتحدث ببحث علمي في المؤتمر الدولي في الهندسة البيئية- ICSEE- عام 2015، هونغ كونغ.
8. مشاركة بتقديم بحث علمي في يوم البحوث السادس لعام 1435، الفترة 16-17/12/2014 بالمختبر المركزي.
9. مشاركة ومتحدث ببحث علمي في المؤتمر الدولي للكيمياء، البيئة وعلوم الأحياء IICBE دبي 17-18 مارس 2014.
10. مشاركة ومتحدث ببحث علمي في مؤتمر الإتحاد الدولي للجمعيات الميكروبيولوجية- مونتريال , كندا- يوليو 27-1 أغسطس 2014.
11. إلقاء بحث علمي (دراسة الصفات الظاهرية للبذور في الأنواع النباتية المختلفة والتابعة لجنس *Heliotropium* بالملكة العربية السعودية) في اللقاء 24 للجمعية السعودية لعلوم الحياة ، تحت عنوان " التقنية الحيوية واقع وتطبيقات ". جامعة طيبة - المدينة المنورة. 11-13/4/1430 الموافق 7-9/4/2009 م.
12. المشاركة بـ Poster بعنوان Anatomical study of four species of *Heliotropium* L. (Boraginaceae) from Kingdom of Saudi Arabia في المؤتمر السعودي الخامس للعلوم، رؤية جديدة لدور العلوم الأساسية في التنمية والذي عقد في جامعة ام القرى بمكة المكرمة بتاريخ 24-26/5/1433 هـ

عضوية الجمعيات:

1. عضو مجلس الجمعية السعودية للعلوم التطبيقية بجامعة الاميرة نورة بنت عبد الرحمن.
2. الجمعية السعودية لعلوم الحياة.
3. الجمعية النباتية الاميركية.

المناصب القيادية وإدارة البرامج الأكاديمية

- 2025 – رئيس برنامج موهبة الإثرائي الأكاديمي الصيفي، جامعة الملك سعود (29 يونيو – 17 يوليو 2025).
- 2024 – رئيس برنامج موهبة الإثرائي الأكاديمي الصيفي، جامعة الملك سعود (30 يونيو – 18 يوليو 2024).
- 2022 – نائب علمي في برنامج موهبة الإثرائي الأكاديمي الصيفي، جامعة الملك سعود (31 يوليو – 18 أغسطس 2021).
- 2021 – نائب علمي في برنامج موهبة الإثرائي الأكاديمي الصيفي، جامعة الملك سعود (29 يوليو – 17 أغسطس 2022).
- 2015 – 2017 – رئيس برنامج موهبة الصيفي (مؤسسة الملك عبد العزيز ورجاله للموهبة والإبداع – موهبة).

العضويات الإدارية ومهام اللجان

- 2024-2025 مقرر لجنة التقييم والاعتماد الأكاديمي لبرنامج بكالوريوس العلوم (تخصص النبات).
- 2021 – 2020 عضو اللجنة التخصصية لإعداد معلم المرحلة الابتدائية العليا (مسار العلوم، الرياضيات، والتقنية) – جامعة الملك سعود.
- 2019 – 2018 مقرر وحدة المعامل – كلية العلوم (المدينة الجامعية للطالبات).
- 2016 – 2012 منسقة الدراسات العليا – قسم النبات والأحياء الدقيقة.
- 2013 – 2011 مقرر لجنة المشتريات والتجهيزات – قسم النبات والأحياء الدقيقة.
- 2010 – 2009 عضو مجلس المركز الوطني للاختبارات والتقييم.
- 2018 – 2013 وكيلة قسم النبات والأحياء الدقيقة – كلية العلوم – جامعة الملك سعود.
- 2018 – 2013 منسقة برنامج النبات – قسم النبات والأحياء الدقيقة.
- 2021 – 2019 مساعدة وكيلة كلية العلوم للشؤون الأكاديمية.

تحكيم الجوائز الوطنية والبرامج البينية

- 2025 محكم أولي لجائزة الملك فيصل في العلوم والطب.
- 2024 محكم لجائزة التميز البيئي الثانية – منطقة حائل – المملكة العربية السعودية.
- 2023 محكم لجائزة التميز البيئي الأولى – منطقة حائل – المملكة العربية السعودية.
- 2015 رئيس لجنة المركز الوطني للقياس والتقييم (قياس) – وزارة الخدمة المدنية.
- 2014 – 2013 مستشار في برنامج التثقيف البيئي – شركة أرامكو السعودية.

أنشطة التحكيم العلمي والتقييم الأكاديمي

- مارس 2016 – محكم في الأولمبياد الوطني للإبداع والتميز العلمي – البرنامج العلمي (25-26 مارس).
- فبراير 2015 – محكم في الأولمبياد الوطني للإبداع والتميز العلمي – البرنامج العلمي (6-7 فبراير).
- نوفمبر 2015 – محكم في المؤتمر السابع لأبحاث الطلاب – جامعة الملك سعود.

مهام إشرافية ومسؤوليات أكاديمية إضافية

- 2017 – 2016 مشرفة التدريب الخارجي للطالبات المتفوقات.
- مايو – يونيو 2013 – مشرف مقيم لمركز الاختبارات – جامعة الإمام محمد بن سعود الإسلامية.

مواقع الويب العالمية

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الخبرات التدريسية:

1. تدريس الجزء العملي لمقررات قسم النبات والأحياء الدقيقة (علم النبات العام، أساسيات تصنيف النبات، تصنيف تجريبي، العوامل البيئية، الانزيمات وايض النبات، فسيولوجيا النبات، علم الطحالب، فسيولوجيا الفطريات، فسيولوجيا البكتيريا) 1998-2008.
2. تدريس المقررات النظرية في تخصص علم النبات من عام 2008 حتى الآن.
3. تدريس مقررات في برنامج الماجستير التنفيذي للعلوم الجنائية البحتة منذ عام 2021 حتى الآن.
4. تقديم دورات تدريبية تطبيقية في مجال التخصص لطالبات الدراسات العليا (استخلاص الاحماض النووية والبروتين من الانسجة النباتية).

المهام الادارية واللجان:

1. 2023 – محكم في جائزة الملك فيصل في مجالي العلوم والطب (مرحلة القائمة القصيرة).
2. 2020 – حتى الآن – مقيم خارجي معتمد في عمليات التقييم الأكاديمي لدى المركز الوطني للتقويم والاعتماد الأكاديمي (NCAAA).
3. 2018 – 2020 – وكالة العمادة للشؤون الأكاديمية، كلية العلوم، جامعة الملك سعود.
4. 2016 – 2017 – مشرفة على التدريب الصيفي الخارجي للطالبات المتميزات.
5. 2012 – 2016 – منسقة الدراسات العليا، قسم النبات والأحياء الدقيقة.
6. 2015 – 2017 – محكمة في الأولمبياد الوطني للإبداع العلمي – البرنامج العلمي (موهبة):
← 6-7 فبراير 2015
← 25-26 مارس 2016
← 9-10 مارس 2017
7. 2014 – 2018 – وكالة قسم النبات والأحياء الدقيقة، كلية العلوم، جامعة الملك سعود.
8. 2013 – 2018 – منسقة برنامج النبات، قسم النبات والأحياء الدقيقة.
9. مايو – يونيو 2013 – مشرفة على مركز الاختبارات المطورة للانتساب، جامعة الإمام محمد بن سعود الإسلامية.
10. 2012 – 2015 – مستشارة في برنامج التثقيف البيئي، شركة أرامكو السعودية.
11. 2011 – 2013 – مقررة لجنة المشتريات والتجهيزات، قسم النبات والأحياء الدقيقة.

المؤلفات والمنشورات:

Naseem, I., Khan, M. A., Habib, U., Rana, R. M., Qasim, M., [Alwahibi, M. S.](#), ... & Iqbal, R. (2025). Morphological profiling and DNA barcoding revealed genetic diversity and phylogeny of *Mentha* species cultivated in Pakistan. *Genetic Resources and Crop Evolution*, 72(3), 2977-2995.

Shah, H., Ahmad, M., Zafar, M., Ullah, A., Ahmad, S., [Alwahibi, M. S.](#), ... & Elshikh, M. S. (2025). First report of ultra-sculpturing and taxonomic implications of seed morphology of selected genus *Euphorbia* L. *Genetic Resources and Crop Evolution*, 72(3), 3357-3381.

Mohsin, M., Hassan, M., Vitasović-Kosić, I., [Alwahibi, M. S.](#), Wali, S., Oxunjonovich, Q. D. Z., ... & Abbasi, A. M. (2025). An overview of ethnobotanical investigations for primary healthcare: a case study from Mardan district, Pakistan. *Plant Biosystems-An International Journal Dealing with all Aspects of Plant Biology*, 1-14.

Gull, S., Haider, Z., Gu, H., Uddin, S., Qasim, M., Khan, R. A. R., [Alwahibi, M. S](#) ... & Liang, G. (2025). Exploring environmentally stable and novel genetic factors influencing rice grain shape and yield attributes. *Euphytica*, 221(2), 17.

Naz, T., Ul Ain, N., Iqbal, M. M., Mubeen, M. A., Ditta, A., Iqbal, R., [Alwahibi, M. S](#) ... & Elshikh, M. S. (2025). Exploring the Potential of Silicon and Salicylic Acid in the Alleviation of Water Deficit Stress in Quinoa (*Chenopodium quinoa*). *Polish Journal of Environmental Studies*, 34(3).

Murtaza, G., Ahmed, Z., Deng, G., Akhtar, S., Rizwan, M., Usman, M., [Alwahibi, M. S](#) ... & Zulfqar, F. (2025). Selenium mitigates boron toxicity in *Nicotiana tabacum* via altering root anatomy, accumulation of boron, biochemical and physiological aspects. *Plant Biosystems-An International Journal Dealing with all Aspects of Plant Biology*, 1-15.

Haider, M. W., Abbas, S. M., Hussain, T., Akram, M. T., Farooq, U., [Alwahibi, M. S.](#), ... & Iqbal, R. (2025). Assessment of salicylic acid and potassium nitrate to mitigate frost stress in autumn-sown potato crop cv. Sutlej. *Scientific Reports*, 15(1), 1942.

Naz, T., Ul Ain, N., Iqbal, M. M., Mubeen, M. A., Ditta, A., Iqbal, R., [Alwahibi M.S](#) ... & Elshikh, M. S. (2025). Exploring the Potential of Silicon and Salicylic Acid in the Alleviation of Water Deficit Stress in Quinoa (*Chenopodium quinoa*). *Polish Journal of Environmental Studies*, 34(3).

Fahad, S., Muhammad, I., Zhang, S., [Alwahibi, M. S.](#), Elshikh, M. S., & Wang, J. (2025). Impact of Melatonin Application on Wheat Agronomic Traits Under Abiotic Stress: A Meta-Analysis. *Journal of Agronomy and Crop Science*, 211(1), e70016.

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Al-Fakeh, M. S., Alsikhan, M. A., Alnawmasi, J. S., Alluhayb, A. H., & [Al-Wahibi, M. S.](#) (2024). New Nanosized V (III), Fe (III), and Ni (II) Complexes Comprising Schiff Base and 2-Amino-4-Methyl Pyrimidine: Synthesis, Properties, and Biological Activity. *International Journal of Biomaterials*, 2024(1), 9198129.

Murtaza, G., Usman, M., Ahmed, Z., Hyder, S., [Alwahibi, M. S.](#), Rizwana, H., ... & Zeng, Y. (2024). Improving wheat physio-biochemical attributes in ciprofloxacin-polluted saline soil using nZVI-modified biochar. *Ecotoxicology and Environmental Safety*, 286, 117202.

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[Alwahibi, M. S.](#), Elshikh, M. S., Makhkamov, T., Yuldashev, A., Islamov, S., Sotiboldiyeva, D., ... AL-MUTERI, J. S., [ALWAHIBI, M. S.](#), & DEWIR, Y. H. (2024). MICROMORPHOLOGICAL CHARACTERISTICS OF POLLEN GRAINS OF RUELLIA L.(ACANTHACEAE) IN SAUDI ARABIA. *Pak. J. Bot*, 56(2), 591-595.

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Sana Noreen, Tabussam Tufail, Huma Ain, Waseem Khalid, Asif Hanif, Baber Ali, Muhammad Khan, Rashid Iqbal, [Mona Alwahibi](#), Sezai ERCİŞLİ, Mohamed Elshikh, Amany Abeed (2024). Assessment of Antioxidant Activities of Flaxseed (*Linum usitatissimum* L.) and Fennel Seed (*Foeniculum vulgare* Mill.) Extracts. *Polish Journal of Environmental Studies*, 33(3).

Bahadar Zeb, Allah Ditta, Khan Alam, Armin Sorooshian, Badshah Ud Din, Rashid Iqbal, Muhammed Habib ur Rahman, Ahsan Raza, [Mona S Alwahibi](#), Mohamed S Elshikh (2024). Wintertime investigation of PM10 concentrations, sources, and relationship with different meteorological parameters. *Scientific Reports*, 14(1), 154.

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Gaga, Y., Mehdaoui, I., Kara, M., Assouguem, A., Al-Hashimi, A., Ragab AbdelGawwad, Mohamed S. Elshikh, El Mokhtar Saoudi Hassani, [Mona S. Alwahibi](#), Jamila Bahhou, Mustapha Taleb and Zakia Rais (2023). Elaboration and Characterization of a Biochar from Wastewater Sludge and Olive Mill Wastewater. *Sustainability*, 15(3), 2409.

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Dewir, Y. H., Habib, M. M., AlQarawi, A. A., Alshahrani, T. S., Alaizari, A. A., Malik, J.

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Safdar, M. E., Qamar, R., Javed, A., Nadeem, M. A., Javeed, H. M. R., Farooq, Aleksandra Głowacka, Sławomir Michałek , [Mona S. Alwahibi](#) , Mohamed S. Elshikh and Mohamed A. A. AhmedA. (2023). Combined application of boron and zinc improves seed and oil yields and oil quality of oilseed rape (*Brassica napus* L.). *Agronomy*, 13(8),

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الإشراف على طلاب الدراسات العليا

#	Thesis Title (PhD)	Student name	situation
1.	Analysis of micro-RNA gene expression and antioxidant defense mechanisms as a strategy for acclimatization with abiotic stresses in wheat plant	Amal Algarawi	Co- Supervisor
2.	Taxonomic and Phylogenetic of the species of <i>Kickxia</i> Genus in Saudi Arabia	Lulua Almasaoudi	Co-Supervisor
3.	Physiological and Molecular Strategies of <i>Moringa oleifera</i> Lam to Tolerance of <i>Lepidium Sativum</i> L. Under Cadmium Stress.	Ahlam Khalofah	Co- Supervisor
4.	Composition and distribution of weed species and their relationship to soil factors in olive and palm plantations in Tabuk Saudi Arabia	Seham Aalblwi	Main Supervisor
5.	Characterization and purification of xylanase enzyme produced from fungi isolated from the soil of Jeddah city Saudi Arabia	Amirah Alqahtani	Co- Supervisor
6.	Molecular characterization of <i>Trichoderma spp</i> that promote plant growth in some regions of Saudi Arabia	Aishah Alwadaai	Co- Supervisor
7.	Determination of the taxonomic characteristics by DNA-barcoding of some invasive Solanaceae species of the Southern region in Saudi Arabia	Manal Abdullah Al-Shaqhaa	Supervisor
8.	Morphological and Molecular analyses of genetic diversity in population of <i>Calligonum comosum</i> L. 'Her in Hail region at Kingdom of Saudi Arabia	Abeer Al-Shammari	Supervisor
9.	Identification of the taxonomic characteristics and DNA - barcoding of <i>Ruellia</i> L. (Acanthaceae) in Saudi Arabia	Jawaher Al-Mutairi	Supervisor
10.	Evaluation morphological and molecular characteristics of wild <i>Ficus</i> L. species in Saudi Arabia	Abeer Marzan	Co- Supervisor
11.	Plant Diversity and Vegetation Ecology of MajameàAl-Hdb reserve in Wadi Al-Dawasir, Saudi Arabia	Noura Al-Dossary	Co- Supervisor
12.	Morphological and Molecular characterization of <i>Fagonia</i> L. (Zygophyllaceae) in Saudi Arabia	Manar Al-Shehri	Co- Supervisor
13.	Genetic diversity of <i>Pulicaria crispa</i> population in the central region of Saudi Arabia using morphological, anatomical, and molecular evidence.	Mona Al-rasheed	Supervisor
14.	Micromorphological and Plastome analyses based systematic insights on <i>Withania</i> species from high altitudinal dry hills of Saudi Arabia	Nadia Alsahimi	Supervisor
15.	Genomic Insights of The Desert Adaptation of <i>Tribulus Macropterus</i> (Zygophyllaceae) distributed In the Empty quarter of Saudi Arabia	Albatool Albadaewi	Supervisor
16.	Molecular analysis of <i>Aizoon canariense</i> distributed in the desert of Saudi Arabia based on analysis of Next-generation sequencing data	Reem Aloafi	Supervisor
17.	Genomic Insights into the Adaptation of <i>Lycium Shawii</i> in the Kingdom of Saudi Arabia	Manal Asiri	Supervisor
18.	Taxonomic evaluation of <i>Portulaca oleracea</i> L. in Saudi Arabia using anatomical and chemical evidence and DNA barcoding	Yasmin Alwasel	Supervisor

19.	Morphological anatomical and molecular features of <i>Haloxylon persicum</i> populations in AlGhada Park at AlQassim Region Kingdom of Saudi Arabia	Nada Alhalwah	Co- Supervisor
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#	Thesis Title (Master)	Degree	situation
1.	Assessment of genetic variation within and among some species of <i>Artemisia</i> L Asteraceae using morphological cytological and molecular markers	Amal Alajmi	Co- Supervisor
2.	Molecular Characterization and Evaluation of Bioactive Natural Products of Some Medicinal plants in Saudi Arabia	Salma Almansi	Supervisor
3.	Molecular Characterization and Antimicrobial Activity on some Asclepiadaceae species in Saudi Arabia	Alanoud Almoumi	Supervisor
4.	In vitro propagation and genetic fidelity of <i>Philodendron selloum</i>	Asma AL-awadh	Supervisor
5.	Morphological and Molecular characterization of <i>Lavandula</i> L ssp Lamiaceae in Saudi Arabia	Bouthinah Alrasheed	Supervisor
6.	Ecophysiological Responses of <i>Calligonum comosum</i> L Herit Exposed to Salinity and alkalinity stresses	Amnah Alshahwan	Co- Supervisor
7.	Comparison the effect of different levels of normal and Nano compound fertilizer NPK on the physiological and anatomical characteristics of two <i>Sesamum indicum</i> L. cultivars	Faten Alghadri	Co- Supervisor
8.	Evaluation of morphological, anatomical and physiological changes of <i>Vicia faba</i> L. under the influence of Melatonin	Nagham Al-Anzi	Co- Supervisor
9.	Anatomical and Chemical structure of some <i>Ocimum</i> spp in kingdom of Saudi Arabia	Taghreed Almutiri	Co- Supervisor
10.	Genetic variations in some <i>Trigonella</i> L. spp using molecular, phytochemical, and morphological markers	Rand Al-khadhiri	Co- Supervisor
11.	Impact of invasive plant species on native plant community structure and environmental sustainability in Thadiq National Park Saudi Arabia	Amani Aoghli	Co- Supervisor