Imam Mohammad Ibn Saud Islamic University

College of Science

Biology Department

Teaching Staff Handbook

Male Teaching Staff

Name	*Prof. Dr. Faouzi Mohamed Alnaser HAOUALA*
Post/position	*Professor*
Academic career	• *Doctor's Degree (PhD), Biological Sciences, University Tunis El Manar, Tunis, Tunisia, 1999.* • *Certificate of Advanced Studies, Plant Physiology, University Tunis El Manar, Tunis, Tunisia, 1990.* • *Certificate of Specialized Engineer, Horticulture Sciences, High National School of Horticulture (ENSH), Versailles, France, 1986.* • *Certificate of Horticultural Engineer, Horticulture, University of Sousse, Tunisia, 1984.*
Employment	• *Higher Agronomic Institute of Chott Mariem, Sousse, Tunisia, Assistant, 1987-1991.* • *Higher Agronomic Institute of Chott Mariem, Sousse, Tunisia, Assistant Professor, 1992-2009.* • *National Agronomic Institute of Tunisia, Tunis, Tunisia, Associate Professor, 2009-2014.* • *National Agronomic Institute of Tunisia, Tunis, Tunisia, Professor, 2014-2016.* • *Imam Mohammad Ibn Saud Islamic University, Professor, since 2016.*
Research and development projects over the last 5 years	• *PI: Research Group (RG23096), Imam Mohammad Ibn Saud Islamic University, June 2023.* • *PI: Research Partnership Program (RP-21-09-88), Imam Mohammad Ibn Saud Islamic University, June 2021.*
Industry collaborations over the last 5 years	*Project title: NANA* *Partners:*
Patents and proprietary rights	*NA*
Important publications over the last 5 years *(Total number: 5)*	• *Sbai H., Ben Ammar I., Dhen N., Haouala F., Kouki R., Makina M., Al Mohandes Dridi B., 2024. Morphological characteristics of an ex-situ collection of Tunisian wild cardoon (Cynara cardunculus L. var. sylvestris) and evaluation of its inulin content. Genetic Resources and Crop Evolution, DOI: 10.1007/s10722-023-01832-0.* • *Essaidi I., Dhen N., Lassoued G., Kouki R., Haouala F., Alhudhaibi A., Alrudayni H., Dridi-Almohandes B., 2023. Onopordum nervosum ssp. platylepis flowers as a promising source of antioxidant and clotting milk agents: behavior of spontaneous and cultivated plants under different drying methodologies. Processes, 11, 2962, p 1-16; DOI: 10.3390/pr11102962.* • *Hossain S., Alrudayni H.A., Haouala F., Aleissa M.S., Kahrizi D., Ahmed A.S., 2023. Callus cell and explants regeneration, glucose, mineral, antioxidant and flavonoid content development using broccoli root tip and leaf cutting in vitro. Cellular and Molecular Biology, 69 (11), p 45-50.* • *Imran M., Ahmed S., Al-Harthi E.A., Khan M.E., Alam M.M., Haouala F., Chaudhary A.A., Asghar A., 2023. Electrochemical detection of nitrazepam using leaf-like graphitic carbon nitride nanosheets. Physica Scripta. Volume 98, N°7, 075003, DOI: 10.1088/1402-4896/acd7b0.* • *Ben Ayed A., Zanin G., Aissa E., Haouala F., 2022. Volatile oil components of laurel (Laurus nobilis L.) leaves obtained from plants cultivated under salinity stress conditions. Horticulturae, 8 (5), 442, p 1-11; DOI: 10.3390/horticulturae8050442.*
	google scholar: *https://scholar.google.com/scholar?start=0&q=%22Faouzi+Haouala%22&hl=en&as_sdt=0,5*
Activities in specialist bodies over the last 5 years	• *Reviewer in the following journals: Dynamic Soil, Dynamic Plant (Global Science Books Edition, Japan), Plant Functional Plant Science and Biotechnology (Global Science Books Edition, Japan), Plant Stress (Global Science Books Edition, Japan), The African Journal of Plant Science and Biotechnology (Global Science Books Edition, Japan), Journal of Agricultural Science and Technology (David Publishing Company, USA), Asian Journal of Agriculture and Biology (Islamabad Campus, Pakistan), Journal of Jazan University (Kingdom of Saudi Arabia), Journal of Hai'l University (Kingdom of Saudi Arabia), Journal of King Faisal University (Kingdom of Saudi Arabia).*

Name	***Mohammed Saad Aleissa***
Post/position	*Full Professor*
Academic career	• *PhD of Reproductive Physiology and Embryology*
Employment	• *Imam Mohammad Ibn Saud Islamic University, Biology departement, College of Sience.*
• *Research and development projects over the last 5 years*	• *Embryology, physiology, Assisted reproduction (Experimental Embryology, In vitro fertilization 'IVF, IVM, IUI, ET, Cryopreservation of Reproductive Cells and Tissue, Reproductive studies), female fertility, hormone Regulation of Reproductive Function and Molecular and cell biology.*
• Industry collaborations over the last 5 years	*Project title: NANA* • *Partners:*
• Patents and proprietary rights	• *NA*
• *Important publications over the last 5 years* • *(Total number: 5)*	• *Al-Eissa M.S. and A.S. Alhomida. A Study of the Distribution of Total, Free, Short-Chain Acyl and Long-Chain Acyl Carnitine in Whole Blood and plasma of Arabian Sand Gazelle (Gazelle Subgutturosa marica), Comparative Haematology International. (1997) 1(65-69).* • *Al-Eissa M. s., A. R. Alhamidi and S. k. Semen Cryopreservation using Triladyl and Tris Diluents of the Arabian sand Gazelle Males (Gazelle Subgutturosa marica). Arabian Gulf Journal of Scientific Research.(2007). (25): 4,(206-199).* • *Saad Alkahtani1, AL-Farraj S. A., Saud A. Alarif, AL-Eissa Mohammed saad and Al-Dahmash B. Cytokine genes expression in mice hepatocytes during malaria infection. (2011). African journal of microbiology Vol. (5): 16, (2311-2315). ISSN 1996-0808* • *Mohammed Al - Zhrani, Mohammed Mubarak, Hassan Ahmed Rudayni and Mohammed Al -Eissa. Effect of the Nutritional Supplement Synertox® on Lead - Induced Toxicity in Male Albino Rats. (2023). International Journal of Science and Research (IJSR), V:12 Issue 2.* • *Mohammed Al-Zharani, Mohammed Mubarak, Hassan Ahmed Rudayni, Mahmoud M. Abdelwahab and Mohammed Al-Eissa Intoxication Induced by Urea Containing Diets in Broiler Chickens: Effect on Weight Gain, Feed Conversion Ratio, Hematological and Biochemical Profiles. (2023). Advances in Bioscience and Biotechnology, 14, 106-119. DOI: 10.4236/abb.2023.143007.* *google scholar: https://scholar.google.com/citations?user=Otr-T3YAAAAJ&hl=en*
Activities in specialist bodies over the last 5 years	•

Name	Ahmed Aly Ahmed Allam

Post/position	Full Professor
Academic career	Professor of developmental toxicology, Dep of Biology, College of Science, Imam Mohammad Ibn Saud Islamic University
Employment	College of Science, Imam Mohammad Ibn Saud Islamic University
Research and development projects over the last 5 years	- **Co-PI** in the mega-research project entitled by "Effects of Petroleum Industry Pollution in the Eastern Region of KSA on the Ecosystem" this proposal has been **funded by** the National Plan for Science & Technology of King Saud University by **March 201**8--2022. The total fund is 600,000 SR under the code13-ENV922-002. - PI in the international project **funded by** Chinese side SAFEA of China ("Belt and Road" Innovative Exchange Foreign Expert Project, DL2023041004L)
Industry collaborations over the last 5 years	*Project title: non* *Partners: non*
Patents and proprietary rights	*Not approved yet*
Important publications over the last 5 years *(Total number: 5)*	Ren, H., Labidi, A., Sun, J., **... Allam, A.A.**, Abukhadra, M.R., Wang, C. (2024). Facile synthesis of nitrogen, sulfur co-doped carbon quantum dots for selective detection of mercury (II) Environmental Chemistry Letters, 2024, 22(1), pp. 35–41 (**Q1a, Impact factor: 15.7**) Teng, X., Qi, Y., Guo, R., **... Allam, A.A.**,Wang, Z., Qu, R. (2024) Enhanced electrochemical degradation of perfluorooctanoic acid by ligand-bridged PtII at Pt anodes. Journal of Hazardous MaterialsThis link is disabled., 2024, 464, 133008 (**Q1a, Impact factor: 13.**6) Liu, M., Wu, N., Li, X., **...Allam, A.A.**, Qu, R. (2023) Insights into manganese(VII) enhanced oxidation of benzophenone-8 by ferrate(VI): Mechanism and transformation products. Water Research, 2023, 238, 120034 (**Q1a, Impact factor: 12.8**) Alfassam, H.E., Ashraf, M.-T., Al Othman, S.I., ...**Allam, A.A.**, Abukhadra, M.R. (2023) Synthesis and characterization of cellulose functionalized zeolitic diatomite as an enhanced carrier of oxaliplatin drug; loading, release, and cytotoxicity. International Journal of Biological Macromolecules, 2023, 235, 123825 **(Q1a, Impact factor: 8.**2) A Shad, J Chen, R Qu, AA Dar, M Bin-Jumah, **AA Allam**, Z Wang (2020) Degradation of sulfadimethoxine in phosphate buffer solution by UV alone, UV/PMS and UV/H2O2: kinetics, degradation products, and reaction pathways. Chemical Engineering Journal 398, 125357 (**Q1a, Impact factor: 15.1**) *google scholar:* https://scholar.google.com/citations?user=djL1v-8AAAAJ&hl=en
Activities in specialist bodies over the last 5 years	1- Professor at Department of Zoology, Faculty of Science, Beni Suef University from 2018-2023 2- Vice Dean, faculty of Special Needs Science from 2018-2022. 3- Awarding the Order of Excellence of the first class from His Excellency the President of the Republic in 2019. 4- Awarding the State Encouragement Award in Biological Sciences in 2018. 5- Publishing 250 international research articles in international journals with impact factor in cooperation with professors and researchers from Beni Suef University and others from a number of international universities, including 200 research articles from 2018-2024. 6- Among the top 2% of researchers in the specialty worldwide, according to a Stanford University study for the third year in a row.

Name	Abdelghafar M. Abu-Elsaoud

Post/position	**Professor**
Academic career	• **2016**: postdoctoral researcher, Department of biology, Faculty of science, Lunds University. • **2012-2014:** Two years post-doctorate position at Lund University, including research, on Plant molecular Physiology, from July 2012, until July-2014 • **2010:** 6-months post-doctorate fellowship at Lund University, biology department, including research, advanced courses, meetings, international courses, etc. from June 2010 till December 2010. • **August-September 2008:** Academic visit, Proceeding of VII international meeting organized by European Life Science Organization (ELSO) and European Molecular Biology Organization (EMBO), Nice, France, 30 August-2 September. 2008. • **2006-2009:** Doctoral Degree of Philosophy (Ph.D.) in Biophysics & Plant physiology, Al-Faraby University (Kazakhstan) and Utah State University (USA)
Employment	• **2023**: professor, Associate professor, Imam Muhammad Ibn Saud Islamic University, Faculty of science. • **2022:** Associate professor, Imam Muhammad Ibn Saud Islamic University, Faculty of science. • **2016**: postdoctoral researcher, Department of biology, Faculty of science, Lunds University. • **2012-2014: P**ost-doctorate position at Lund University, including research, on Plant molecular Physiology, from July 2012, until July-2014 • **2011:** Assistant professor, Faculty of Science, Jazan University, KSA • **2010:** 6-months post-doctorate fellowship at Lund University, biology department, including research, advanced courses, meetings, international courses, etc. from June 2010 till December 2010. • **2006-2009:** Doctoral Degree of Philosophy (Ph.D.) in Biophysics & Plant physiology, Al-Faraby University (Kazakhstan) and Utah State University (USA) • **1999**-2006: research assistant, Faculty of Science, Suez Canal University, Egypt.
Research and development projects over the last 5 years	• *Research partnership with Suez Canal university, on Role of abiotic stress* • *Research collaboration with Lunds University, on molecular response of plants to High light stress*
Industry collaborations over the last 5 years	*Project title: Visit to Petroleum industrial Products at South of Riaydh, Industrial Area, 2023, Applying environmental Impact Assessment* *Partners:*
Patents and proprietary rights	*Ongoing registration of Patent on the Role of Laser in protecting plant against flooding stress, Riaydh, Saudi Arabi.*
Important publications over the last 5 years *(Total number: 5)*	• Abd EL-Mageed, A., Mahmoud, S., Emam, M. A. E. M. A., Abu-Elsaoud, A., & Sabry, S. (2022). Genetic Variability and ISSR Markers of some Faba bean (Vicia faba L.) cultivars under drought condition. *Current Science International*, *11*(04), 365–377. • Abdelaal, K. A., Attia, K. A., Alamery, S. F., El-Afry, M. M., Ghazy, A. I., Tantawy, D. S., Al-Doss, A. A., El-Shawy, E.-S. E., M. Abu-Elsaoud, A., & Hafez, Y. M. (2020). Exogenous application of proline and salicylic acid can mitigate the injurious impacts of drought stress on barley plants associated with physiological and histological characters. *Sustainability*, *12*(5), 1736. • Abdel-Azeem, A. M. (2019). *Recent developments on genus Chaetomium*. Springer.
Activities in specialist bodies over the last 5 years	

Name	**Dr. Anis Ahmad Chaudhary**
Post/position	**Associate Professor**
Academic career	• PhD., Molecular Biology, Jamia Hamdard, India, 2012 • Master Degree in Biotechnology, Jamia Millia Islamia, India, 2005 • Bachelor Degree in Biology, India, 2001
Employment	• Jamia Millia Islami, India, 2011-2013 • Imam Mohammad Ibn Saud Islamic University, Associate Professor, 2013.
Research and development projects over the last 5 years	• Three research projects have been successful completed. Ongoing Research Project; Two research projects are under progress • PI, Research Partnership Program, Imam Mohammad Ibn Saud Islamic University (Ongoing), KSA • PI, Priority Research Program, Imam Mohammad Ibn Saud Islamic University (Ongoing), KSA
Industry collaborations over the last 5 years	*Project title: NA* *Partners:*
Patents and proprietary rights	*NA*
Important publications over the last 5 years *(Total number: 5)*	Ahmad A, Rashid S, **Chaudhary AA**, Alawam AS, Alghonaim MI, Raza SS, Khan R (2023). Nanomedicine as potential cancer therapy via targeting dysregulated transcription factors. Seminars in Cancer Biology 89: 38–60 Khan N, Kalam MA, Alam MT, Haq SAU, Showket W, Dar ZA, Rafiq N **Chaudhary AA**, al. (2023) Drug Standardization through Pharmacognostic Approaches and Estimation of Anticancer Potential of Chamomile (*Matricaria chamomilla L.*) using Prostate. Journal of Cancer 14 (3), 490-504. Kumar V, Yasmeen N, **Chaudhary AA**, Alawam AS, Zharani MA, (2023) Specialized pro-resolving lipid mediators regulate inflammatory macrophages: A paradigm shift from antibiotics to immunotherapy for mitigating COVID-19 pandemic. Frontiers in Molecular Biosciences 10.
	google scholar: https://scholar.google.com/citations?view_op=list_works&hl=en&hl=en&user=VC9il20AAAAJ&pagesize=80&sortby=pubdate
Activities in specialist bodies over the last 5 years	Invited Topic Editor in **"Frontiers in Genetics"** topic Electrochemical Biosensor for Molecular Diagnostic of Genetics and Infectious diseases. Associate Editor in "**JSM Internal Medicine"** an international journal of Medwin Publishers, USA. http://www.jscimedcentral.com/InternalMedicine/editors.php Associate Editor in "**SciTz Diabetes and Metabolism"** an international journal of Medwin Publishers, USA. http://www.scitechz.com/Diabetes_Editorialboard.html Associate Editor in "**Austin Diabetes Research"** an international journal of Medwin Publishers, USA. http://austinpublishinggroup.com/diabetes-research/editorialBoard.php Associate Editor in "**Journal of Metabolic Investigation"** an international journal of Medwin Publishers, USA. http://www.smartscitech.com/index.php/JMI/about/editorialTeam Associate Editor in "**JENPUB Diabetes & Endocrine Disorders"** an international journal of Medwin Publishers, USA. http://www.jenpub.com/diabetes-editorialboard.html Associate Editor in "**Journal of Chemistry, Environmental Sciences and its Applications"** an international journal of Medwin Publishers, USA. https://jce.chitkara.edu.in/about_journal.php

Name	Ashraf Ahmed Attia Qurtam
Post/position	Assissant professor
Academic career	○ Ph.D., Molecular Biology, Faculty of Science , Al-Azhar University,Cairo ,Eygpt, 2008 ○ M.Sc., Physiology, Faculty of Science, Cairo University,Cairo ,Eygpt, 2000 ○ Post-Graduated High Diploma, Microbiology &Biochemical Engineering, Al-Azhar University,Cairo ,Eygpt, 2001 ○ Bachelor Degree in Biological Science(Zoology) Faculty of Science, Cairo University,Cairo ,Eygpt, 1988.
Employment	○ Faculty of Science, Omar-El-Mukhtar University,Libya, Lecturer, 2003 – 2006 ○ Teaching College Riyadh City , King Saud University ,Saudi Arabia , 2009 ○ Science Faculty and Education Faculty Omar-El-Mukhtar University, Libya, Ass.Prof.,2009-2013 ○ Al Ghad College for Applied Medical Science Riyadh City, Saudi Arabia , Ass.Prof.,2013-2014 ○ College Of Science ,Imam Mohammad Ibn Saud Islamic University, Riyadh City , Saudi Arabia,Ass.Prof., 2015 – up till now
Research and development projects over the last 5 years	○ In Research Groups No. RG-21-09-86 ○ Research Financing No. IFP-IMSIU-2023022
Industry collaborations over the last 5 years	*Project title: NA* *Partners:*
Patents and proprietary rights	*NA*
Important publications over the last 5 years *(Total number: 21)*	1. Amel I Othman and **AA. Qurtam**, Immunohistochemical and Histopathological alterations in the gastric mucosa of rats treated with ketorolac and warfarin, Porttugal -Ciência e Técnica Vitivinícola Journal Vol. 34 (3), (2019) pp 146 – 166 2. Abuoghaba AA, Ezzat W, Rizk AM , **AA Qurtam** and El-Sayed OA, A Comparative Study of Productive Performance and Immune Responses for Some Developed Egyptian Chicken Strains, Symbiosis-SOJ Veterinary Sciences, Vol.5 (1), 2019 pp 3-7 3. Mohammed Al-zharani1 & **Ashraf Ahmed Qurtam(AA Qurtam)** & Walid Mohamed Daoush & Mohamed Hassan Eisa &Nada Hamad Aljarba & Saad Alkahtani & Fahd A. Nasr, Antitumor effect of copper nanoparticles on human breast and colon malignancies, Environmental Science and Pollution Research, Vol. 28 **,(2021)** pp:1587–1595 4. Osama El-Sayed, Ahmed Abuoghaba , Waheed Ezzat , Ahmed Rizk , **A A Qurtam**, Egg production, fertility, hatchability and immune responses of some chicken strains under high ambient temperatures" **,** Journal Animal Physiology and Animal Nutrition, Vol.105 (4) ,2021 pp: 725-730, https://doi.org/10.1111/jpn.13482 5. M. E. Alia , A. A. Alfakia , A. S. Mohammedb , H. H. Abuelhassanb , **A. A. Qurtam**, Kh. M. Haround , M. H. Eisaa, Synthesis and characterization of carbon nanotubes incorporated with MgO nanoparticles, Journal of Ovonic Research, Vol. 17, No. 5, September - October 2021, p. 429 – 435 7. Khadija El Ouahdani , Imane Es-safi , Hamza Mechchate , Mohammed Al-zahrani , **Ashraf Ahmed Qurtam** , Mohammed Aleissa , Amina Bari and Dalila Bousta, Thymus algeriensis and Artemisia herba-alba Essential Oils: Chemical Analysis, Antioxidant Potential and In Vivo Anti-Inflammatory, Analgesic Activities, and Acute Toxicity, Molecules 2021, 26, 6780
	google scholar: https://scholar.google.com/citations?hl=en&user=MJOEKM8AAAAJ
Activities in specialist bodies over the last 5 years	• Academic guidance for the Biology Department • Schedules Committee in the Biology Department • Establishment of the Zoology Museum in the Biology Department

Name	**Dr. Abdullah Sultan Alawam**

Post/position	**Assistant Professor**
Academic career	• *PH.D., Immunology and Immunotherapy, University of Birmingham, UK, 2021* • *Master Degree in Microbiology, Wright state university, USA, 2015* • *Bachelor Degree in Biology, University of Dayton USA, 2013*
Employment	• *Assistant Professor of Immunology, Biology Department, College of Science, Imam Mohammad Ibn Saud Islamic University (IMSIU)*
Research and development projects over the last 5 years	• *RDIA Project (Pending)*
Industry collaborations over the last 5 years	*Not available*
Patents and proprietary rights	*Not available*
Important publications over the last 5 years *(Total number: 5)*	• *Preparation of novel S-allyl cysteine chitosan based nanoparticles for use in ischemic brain treatment* • *Synthesis, Optimization, and Characterization of Cellulase Enzyme Obtained from Thermotolerant Bacillus subtilis F3: An Insight into Cotton Fabric Polishing Activity* • *Insights into the identification and evolutionary conservation of key genes in the transcriptional circuits of meiosis initiation and commitment in budding yeast* • *Development and evaluation of polysorbate-80 coated Mangiferin PLGA nanoparticles used in the treatment of cerebral ischemia* • *Establishing the Role of Iridoids as Potential Kirsten Rat Sarcoma Viral Oncogene Homolog G12C Inhibitors Using Molecular Docking; Molecular Docking Simulation; Molecular Mechanics Poisson–Boltzmann Surface Area; Frontier Molecular Orbital Theory; Molecular Electrostatic Potential; and Absorption, Distribution, Metabolism, Excretion, and Toxicity Analysis* • *Specialized pro-resolving lipid mediators regulate inflammatory macrophages: A paradigm shift from antibiotics to immunotherapy for mitigating COVID-19 pandemic* • *Biologically inspired stealth–Camouflaged strategies in nanotechnology for the improved therapies in various diseases* • *Molecular Basis of Methicillin and Vancomycin Resistance in Staphylococcus aureus from Cattle, Sheep Carcasses and Slaughterhouse Workers* • *Nanomedicine as potential cancer therapy via targeting dysregulated transcription factors* • *Antibiotic adjuvants: synergistic tool to combat multi-drug resistant pathogens* • *Biomaterial-based strategies for immunomodulation in IBD: current and future scenarios* • *Failures in thymus medulla regeneration during immune recovery cause tolerance loss and prime recipients for auto-GVHD* • *The immunological response among COVID-19 patients with acute respiratory distress syndrome* • *google scholar: https://scholar.google.com/citations?hl=en&user=moKsDBQAAAAJ*

Name	**Abdulrahman Mohammed Abdulrahman Alhudhaibi**

Post/position	**Assistant Professor**
Academic career	• *PhD, Biotechnology, Newcastle University, UK, 2022* • *Master Degree in Biotechnology, Heriot Watt University, UK, 2016* • *Bachelor's Degree, Food Science, Heriot Watt University, UK, 2014*
Employment	• *Lecturer of Biology, Al Imam Mohammad Ibn Saud Islamic*
Research and development projects over the last 5 years	•
Industry collaborations over the last 5 years	*Project title: NA* *Partners:*
Patents and proprietary rights	*NA*
Important publications over the last 5 years *(Total number: 5)*	• Hossain ABMS, MM. Alenazi, AS.Ahmed, HA. Alrudayni, F. Haouala, A. Al-Hashimi, AM. Alhudhaibi. 2023. Seedless okra Pod, pigment, Vitamin C and Mineral Content development Using Plant Growth Regulator in vitro and in vivo culture**.** International J Analytical Chemistry. ISI, WOS.Q3. IF 1.7. • Hossain ABMS, AH. Ahmed, Hassan HA. Alrudayni[1], F. Haouala, A. Al-Hashimi, AM. Alhudhaibi. 2023. Nano-biocoating Biomaterial Production for Drug Delivery Using Nanostarch Crystal Derived from Dates Seed Biomass: Its Physical and Chemical properties. **(under Review).** International Jof Chemical Engineering.. ISI, WOS.Q2. IF 2.1. • Essaidi, I., Dhen, N., Lassoued, G., Kouki, R., Haouala, F., Alhudhaibi, A. M., ... & Dridi Almohandes, B. (2023). Onopordum nervosum ssp. platylepis Flowers as a Promising Source of Antioxidant and Clotting Milk Agents: Behavior of Spontaneous and Cultivated Plants under Different Drying Methodologies. Processes, 11(10), 2962. *https://scholar.google.co.uk/citations?user=uDv-xKIAAAAJ&hl=en*
Activities in specialist bodies over the last 5 years	• *NA* •

Name	Hassan Ahmed Rudayni

Post/position	Assistant Professor
Academic career	• *PhD degree in science, La Trobe University Australia.* • *Master of Science in Zoology (Eco-physiology) - Department of Zoology – College of Science - King Saud University.* • *Bachelor of Science in Zoology - Department of Zoology – College of Science - King Saud University.*
Employment	• *Assistant Professor of biology, IMSIU University, College of Science, Riyadh, 2018 to date.* • *Scientific Researcher. Faculty of Science at King Saud University, Saudi Arabia, 2005-2007.* • *Laboratory technician. Faculty of Science at King Saud University, Saudi Arabia, 2001-2004.*
Research and development projects over the last 5 years	*PI.* Phosphorylation-dependent interactions of SARS CoV-2 Nucleocapsid protein to G3BP1, *Imam Mohammed Ibn Saud University* 21-13-18-068. *PI.* Preparation, optimization and application of nanocatalyst for the removal of pharmaceuticals from aqueous solution, *Imam Mohammed Ibn Saud University RG* 21-09-89. *PI.* Research Partnership, *Imam Mohammed Ibn Saud University RG* 21-09-89.
Industry collaborations over the last 5 years	*Project title: NANA* *Partners:*
Patents and proprietary rights	*NA*
Important publications over the last 5 years *(Total number: 5)*	A- BOOKS: 1- The General Practical Book of Biology " Simple and "Advanced" scientific experiments الكتاب العملي العام لعلم الأحياء "تجارب علمية بسيطة ومتقدمة ISBN 978-603-03-8231-6 2- ILLUSTRATED GUIDE TO HOME FORENSIC SCIENCE EXPERIMENTS (Translate) دليل مصور لتجارب العلوم الجنائية المنزلية B- PAPERS: 1. S.S. Pallavi, A. Rudayni Hassan, B. Asmatanzeem, N. Shaik Kalimulla, N. Sreenivasa,Green synthesis of Silver nanoparticles using Streptomyces hirsutus strain SNPGA-8 and their characterization,antimicrobial activity, and anticancer activity against human lung carcinoma cell line A549, Saudi Journal ofBiological Sciences (2021), doi: https://doi.org/10.1016/j.sjbs.2021.08.084 2. Prasad K, AlOmar SY, Almuqri EA, Rudayni HA, Kumar V (2021) Genomics-guided identification of potential modulators of SARS-CoV- 2 entry proteases, TMPRSS2 and Cathepsins B/L. PLoS ONE 16(8): e0256141 https://doi.org/ 10.1371/journal.pone.0256141. 3. Abu-Taweel GM, Rudayni HA. Curcumin ameliorated the mercuric chloride induced depression and anxiety in female mice offspring. Environ Res. 2021 Sep 14;204(Pt B):112031. doi: 10.1016/j.envres.2021.112031. Epub ahead of print. PMID: 34534522. 4. LI, Y., KHAN, S., CHAUDHARY, A. A., RUDAYNI, H. A., MALIK, A. et al. (2022). Proteome-wide screening for the analysis of protein targeting of *Chlamydia pneumoniae* in endoplasmic reticulum of host cells and their possible implication in lung cancer development. *BIOCELL, 46(1)*, 87–95. https://scholar.google.com/citations?user=6T-TEA4AAAAJ&hl=en
Activities in specialist bodies over the last 5 years	

Name	Mohammed Ibrahim Alghonaim
Post/position	*Assistent Professor*
Academic career	• *PhD, Bacteriology, King Saud U, Kingdom of Saudi Arabia, 2009* • *Master's degree, Bacteriology, King Saud U, Kingdom of Saudi Arabia, 2002* • *Bachelor Degree in Microbiology , King Saud U, Kingdom of Saudi Arabia, 1995*
Employment	• *Shaqra U, Assistant Professor 2012-2019.* • *Imam Mohammad Ibn Saud Islamic University, Assistant Professor, 2019- Now*
Research and development projects over the last 5 years	--
Industry collaborations over the last 5 years	*Project title: NA* *Partners:*
Patents and proprietary rights	*NA*
Important publications over the last 5 years *(Total number: 5)*	Taxonomic characterizations of soil Streptomyces cavourensis DW102 and its activity against fungal pathogens GB Sheik, AA Alhumaidy, AIAA Raheim, ZA Alzeyadi, MI AlGhonaim Journal of Pharmacy & Bioallied Sciences 12 (4), 462 Application of Plackett-Burman design for optimization of silver nanoparticles produced by Streptomyces sp. DW102 GB Sheik, R Abdel, ZA Alzeyadi, MI AlGhonaim Int J Adv Biotechnol Res 10 (2), 143-51 *Anti-Yeasts, Antioxidant and Healing Properties of Henna Pre-Treated by Moist Heat and Molecular Docking of Its Major Constituents, Chlorogenic and Ellagic Acids, with Candida albicans and Geotrichum candidum Proteins* *In Vitro Antibacterial, Antioxidant, Anticholinesterase, and Antidiabetic Activities and Chemical Composition of Salvia balansae* *HPLC-DAD-MS Characterization, Antioxidant Activity, α-amylase Inhibition, Molecular Docking, and ADMET of Flavonoids from Fenugreek Seeds* *Characterization and Efficiency of Ganoderma lucidum Biomass as an Antimicrobial and Anticancer Agent* *Physicochemical Analysis and Wound Healing Activity of Azadirachta indica (A. Juss) Fruits* *Algal Biomass Extract as Mediator for Copper Oxide Nanoparticle Synthesis: Applications in Control of Fungal, Bacterial Growth, and Photocatalytic Degradations of Dyes* *https://scholar.google.com/citations?user=5_YD3ZYAAAAJ&hl=en*
Activities in specialist bodies over the last 5 years	• *Consultant in Saudi Food and Drugs Authority.* • *Consultant in Ministry of Environment, Water and Agriculture,*

Name	Mohammed Musa Yahya Alzahrani

Post/position	Associate Professor
Academic career	• *(2017): Doctor of Philosophy in Science - Cell biology, heredity and tissue - Department of Zoology – College of Science - King Saud University Excellent general rating).* • *(2007) : Master of Science in Cell Biology, Genetics and Tissue - Department of Zoology – College of Science - King Saud University - Excellent General Assessment.* • *(1998): Bachelor of Faculty of Education - Department of Biology - King Faisal University - a good general estimate.*
Employment	• *Assistant Professor of biology, IMSIU University, College of Science, Riyadh, 2018 to date.* • *Teacher in the Department of Education in Riyadh.* • *Teacher in the General Administration of Education in the Eastern Region.* • *Assistant Supervisor in the General Administration of Education in the Eastern Region 2003/2004* • *A teacher to the Kingdom of Bahrain for four years.* • *Educational trainer in the Kingdom of Bahrain for one year during my work there.*
Research and development projects over the last 5 years	• ● *Research Fellowship for the Genomic Research Chair Program, College of Science, Department of Biochemistry, King Saud University, Riyadh, Saudi Arabia (2017)* • ● *Several research projects funded by the deanship of research at King Saud University* • *Research project financing agreement (session 12) (19-12-12-007), Imam Mohammad Ibn Saud Islamic University, 2020.* • *Research Partnership Program (19-12-12-007), Imam Mohammad Ibn Saud Islamic University, 2022.* • *Research Group Funding Agreement Imam Mohammad Ibn Saud Islamic University (IMSIU) (grant number IMSIU-RG23122).* • *International Research Partnership Agreement Imam Mohammad Ibn Saud Islamic University (IMSIU) (RP-21-09-87).* • *Research Financing Agreement Imam Mohammad Ibn Saud Islamic University IFP-IMSIU-2023097* • *Research project financing agreement the King Salman center For Disability Research for funding this work through Research Group no KSRG-2023- 163*
Industry collaborations over the last 5 years	*Project title: NA* *Partners:*
Patents and proprietary rights	*NA*
Important publications over the last 5 years *(Total number: 5)*	**BOOK:** ILLUSTRATED GUIDE TO HOME FORENSIC SCIENCE EXPERIMENTS (Translate) دليل مصور لتجارب العلوم الجنائية المنزلية **PAPERS:** *Mohamed Bouhrim , Hayat Ouassou , Salima Boutahiri , Nour Elhouda Daoudi , Hamza Mechchate ,* , Bernard Gressier , Bruno Eto , Hamada Imtara , Amal A. Alotaibi , **Mohammed Al-zharani** , Abderrahim Ziyyat , Hassane Mekhfi , Abdelkhaleq Legssyer , Mohammed Aziz and Mohamed Bnouham. Opuntia dillenii (Ker Gawl.) Haw., Seeds Oil Antidiabetic Potential Using In Vivo, In Vitro, In Situ, and Ex Vivo Approaches to Reveal Its Underlying Mechanism of Action.* *Saad Alkahtani , Saud Alarifi , Abdullah A. Alkahtane a, Gadah Albasher , **Mohammed AL-Zharani** , Norah M. Alhoshani a, Norah S. AL-Johani , Nada H. Aljarba , Md Saquib Hasnain. Pyrroloquinoline quinone alleviates oxidative damage induced by high glucose in HepG2 cells.*
	google scholar: https://scholar.google.com/citations?user=Zob_LtAAAAAJ&hl=en
Activities in specialist bodies over the last 5 years	

Name	Sulaiman Abdullah Alsalamah
Post/position	Assistant Professor , Department of biology , faculty of Science
Academic career	• *(2017): Doctor of Philosophy in Science - Cell biology, heredity and tissue - Department of Zoology – College of Science - King Saud University Excellent general rating).* • *(2007) : Master of Science in Cell Biology, Genetics and Tissue - Department of Zoology – College of Science - King Saud University - Excellent General Assessment.* • *(1998): Bachelor of Microbiology - Department of Microbiology - King Saud University.*
Employment	• *Assistant Professor of biology, IMSIU University, College of Science, Riyadh, 2015 to date.* • *Assistant Professor of biology, Majmaah University, College of Science, Almajmaah, 2011-2015 .* • *Teacher in the Ministry of Education in Riyadah Region 1993-2011.*
Research and development projects over the last 5 years	
Industry collaborations over the last 5 years	*Project title: NA* *Partners:*
Patents and proprietary rights	*NA*
Important publications over the last 5 years *(Total number: 5)*	*Green Mediator for Selenun nanoparticles synthesis with antimicrobial activity and plant biostimulant properties under heavy metal stress* *HPLC-DAD-MS Characterization, Antioxidant Activity, α-amylase Inhibition, Molecular Docking, and ADMET of Flavonoids from Fenugreek Seeds* *In Vitro Antibacterial, Antioxidant, Anticholinesterase, and Antidiabetic Activities and Chemical Composition of Salvia balansae* *Algal Biomass Extract as Mediator for Copper Oxide Nanoparticle Synthesis: Applications in Control of Fungal, Bacterial Growth, and Photocatalytic Degradations of Dyes* *Characterization and Efficiency of Ganoderma lucidum Biomass as an Antimicrobial and Anticancer Agent* *https://scholar.google.com/citations?user=LLfguDwAAAAJ&hl=en*
Activities in specialist bodies over the last 5 years	• •

Name	*Dr. Nasir Adam Ibrahim Abdalneim*

Post/position	*Associate Professor*
Academic career	• *Doctor's Degree (PhD), Bioscience and biotechnology (Molecular biology and Animal Biotechnology), University of Gezira, Sudan,2015* • *MSc. Bioscience and biotechnology (Animal Biotechnology), University of Gezira, Sudan,2009* • *BSc. Animal Science (production) (G.P.A.Grade 3.71. one out of 4), University of Gezira, Sudan,2004*
Employment	• *Associate Professor, Imam Mohammed Ibn Saud Islamic University, Kingdom of Saudi Arabia, 21 Aguets 2022 to date* • *Associate Professor, University of Al-Butana, Sudan, July 2019 to 2022* • *Assistant Professor, University of Al-Butana, Sudan, 2015-2019* • *Lecture, University of Al-Butana, Sudan, 2009- 2015* • *Teaching Assistant, University of Al-Butana, Sudan 2009* • *Teaching Assistant, University of Gezira, Sudan 2005- 2009*
Research and development projects over the last 5 years	*(PI) An Investigation of the Protective Influence of Dates Fruit Against Nephrotoxicity in Wistar Albino Rats Induced by Gentamicin, Imam Mohammed Ibn Saud Islamic University* *Partners: NA Ibrahim, N suliman Basher, H Idriss, MS Aleissa, FA Nasr* *Application of nono composite on biological system, International partnership, Imam Mohammed Ibn Saud Islamic University* *Partners :Dr. Mahand Abdalgadier Ali, Södertörn University - Sweden*
Industry collaborations over the last 5 years	*Project title: None*
Patents and proprietary rights	*None*
Important publications over the last 5 years *(Total number: 10)*	1. *Sulieman, Abdel Moneim E., Eida Alanaizy, Naimah A. Alanaizy, Emad M. Abdallah, Hajo Idriss, Zakaria A. Salih, Nasir A. Ibrahim, Nahid Abdelraheem Ali, Salwa E. Ibrahim, and Bothaina S. Abd El Hakeem. (2023). "Unveiling Chemical, Antioxidant and Antibacterial Properties of Fagonia indica Grown in the Hail Mountains, Saudi Arabia" Plants 12, no. 6: 1354. https://doi.org/10.3390/plants12061354.* 2. *NA Ibrahim, N suliman Basher, H Idriss, MS Aleissa, FA Nasr,(2023) An Investigation of the Protective Influence of Dates Fruit Against Nephrotoxicity in Wistar Albino Rats Induced by Gentamicin, Preprints.* 3. *A Mohammed, M Ahmed, AO Ahmed, S Yousof, S Hamad, Y Shuaib, Nasir A,Ibrahim (2023)* *Seroprevalence and risk factors of brucellosis in dromedary camels (Camelus dromedarius) in Sudan* *from 1980 to 2020: A systematic review and meta-analysis* *Veterinary Quarterly 3 (8), 1-32* *google scholar: https://scholar.google.com/citations?hl=en&user=ZIe45ekAAAAJ*
Activities in specialist bodies over the last 5 years	*Reviewer in the following journals: Manger Editorial of Butana Journal of Applied Science ,2018 to 1/12/2019* *Member of Editorial team. Global Journal of Biology, Agriculture & Health Sciences http://gifre.org/editorial/journals/GJBAHS* *Peer review of Journal Advancement in Medicinal Plant Research /www.netjournals.org* *Peer review of INTERNATIONAL INVENTION JOURNAL OF AGRICULTURAL AND SOIL SCIENCE (IIJAS). http://internationalinventjournals.org/journals/IIJAS/home.html* *Peer review Asian Journal of Applied Sciences* *http://www.ajouronline.com/index.php/AJAS*

Name	*Prof. Dr.* ***Amr Elkelish***

Post/position	*Ass. Professor*
Academic career	• *Doctor's Degree (PhD),* ***Plant Biology, Technical University of Munich, Germany*** • *M.Sc. in Botany, Suez Canal University, EGYPT.* • *B.Sc. in Botany, Suez Canal University, EGYPT.*
Employment	• *Demonstrator, Botany department, - Faculty of Science – Suez Canal university, Ismailia,* ***Egypt****.2002-2007* • *Lecture Assistant, Botany department, - Faculty of Science – Suez Canal university, Ismailia,* ***Egypt****.2007-2010.* • *Researcher in Biochemical plant pathology (BIOP), Helmholtz zentrum Muenchen ,* ***Germany*** *2010-2014.* • *Lecturer of Molecular plant physiology- Botany department- Faculty of Science – Suez Canal university, Ismailia,* ***Egypt****, 2014-2020.* • *Ass. Prof. of Molecular plant physiology- Botany department- Faculty of Science – Suez Canal university, Ismailia,* ***Egypt****., Since 2020* • *Postdoc in Plant Science, Friedrich Schiller University Jena,* ***Germany****, 2020-2021* • *Imam Mohammad Ibn Saud Islamic University, Riyadh,* ***Saudi Arabia****, Ass. Professor, since 2022.*
Research and development projects over the last 5 years	• *Graduation Project, ASRT for funding the project of students 2016. (3000 Dollar)* • *Graduation Project, ASRT for funding the project of students 2018 (5000 Dollar)* • *National project from Science and Technology Development Fund 2019 (80,000 Dollars)* • *International Egypt Spanish project from Science and Technology Development Fund 2019 (150,000 Euro).*
Industry collaborations over the last 5 years	*Project title: NA* *Partners:*
Patents and proprietary rights	*NA*
Important publications over the last 5 years *(Total number: 5)*	• ***I have More than 105 published Paper in Peer reviewed journals*** • *El Kelish A, Zhao F, Heller W, Durner J, Winkler JB, Behrendt H,Traidl-Hoffmann C, Horres R, Pfeifer M, Frank U and Ernst D. (2014). Ragweed (Ambrosia artemisiifolia) pollen allergenicity: SuperSAGE transcriptomic analysis upon elevated CO2 and drought stress. BMC Plant Biology 176:1471-2229.* • ***Elkelish, Amr****; Qari, Sameer H; Mazrou, Yasser SA; Abdelaal, Khaled AA; Hafez, Yaser M; Abu-Elsaoud, Abdelghafar M; Batiha, Gaber El-Saber; El-Esawi, Mohamed A; El Nahhas, Nihal; ,"Exogenous Ascorbic Acid Induced Chilling Tolerance in Tomato Plants Through Modulating Metabolism, Osmolytes, Antioxidants, and Transcriptional Regulation of Catalase and Heat Shock Proteins",****Plants****,9,4,431,202.* *google scholar: https://scholar.google.com/citations?hl=fr&user=2mr_0HIAAAAJ*
Activities in specialist bodies over the last 5 years	• *Certified Associate Trainer - AT from the International Board of Certified Trainers (TOT). I am specialized in Research competence (Scientific writing, International Publishing, Reasrch funding, ect…). I have trained more than 5000 trainees.* • *Editorial board of many journals for instance: BMC Plant Biology – Frontier of Plant Science PeerJ – Biomolecules* • *I am Reviewer in mor than 120 Highly ranked journals, for instances : Plant Physiology and Biochemistry – Journal of nanomaterials -Saudi Journal of Biological Science - Plants – IJMS – Agronomy , ….ect.*

Name	*ABM Sharif Hossain*

Post/position	*Associate Professor*
Academic career	• *Post Doc. Agro-Biological Sciences, Ehime University, Japan. 2006.April, 2006 Feb.,2007* • *Doctor's Degree (PhD), Bioresource Science, Agro-Biological Sciences, Ehime University, Japan. March, 2006.* • *MS, Bioresource Science, Agro-Biological Sciences, Ehime University, Japan. 2003.* • *BSc in Agro-Biological Science, Bangladesh Agricultural University, Bangladesh. 1992.*
Employment	• Associate Professor , Dept. Biological Sciences, Imam Mohd. Ibn Saud Islamic University.*KSA 23/10/2022-Present.* • Associate Professor, Inst, Biological Sciences, Faculty of Science, University of Malaya, Malaysia, 1/9/2018-31/8/2022. • *Associate Professor, Department of Biology, Faculty of Science, University of Hail, KSA 1/1/2011- 31/8/2018.* • Associate Professor, Inst, Biological Sciences,University of Malaya, 22/1/2008-31/8/2011. Malaysia • Senior Lecturer, Inst, Biological Sciences,University of Malaya, 19/3/2007- 21/1/2008. Malaysia • Teaching Assistant, Biological Production Science program, Graduate studies of Science, Ehime University, 01/08/2002-31/03/2006, Japan. • Research Assistant, , Biological Production Science program, Graduate studies of Science, Ehime University, 01/10/2000-30/3/2021. Japan. • Trainer, USAID, Vegetable and Fruit Nutrition PROJECT, 05/08/1998-04/09/2000, Bangladesh.
Research and development projects over the last 5 years	• *PI. Research Partnership Program, Imam Mohammad Ibn Saud Islamic University (Ongoing), KSA* • *Co-PI, Research Partnership Program (RP-21-09-88), Imam Mohammad Ibn Saud Islamic University (Ongoing), KSA* • PI, Hossain, ABMS. PI, Nutrition assessment from dates fruit. Hail University Internal Research project. 2018-2019. FSC-BIO 317. KSA. • PI, Hossain, ABMS. Flower enlargement using plant hormone and shoot injection. University of Malaya Internal Research Grant, UMRG-21-342. Malaysia.2021-2022 • *CO-PI, Biofuel production from fruit waste and its kinetic modelling, Swinburne University International Research Project, Melbourne, Australia.2021-2022.*
Industry collaborations over the last 5 years	*Project title: Nutritional Analysis of fruit -based items and food quality assessment* *Partners: Kamalizan food processing and Industrial co. Selangor, Malaysia*
Patents and proprietary rights:	*4 submitted (under process, at IMSIU), for one out of four, Lawyer gave decision that can be published as patent. Remaining three are under review.*
Important publications over the last 5 years *(Total number: 40)* *Patent: 4 (Submitted)* *Articles: 31 (2019-2023)* *Books: 5*	• ***Patents: 1+1+1+1=4*** • Hossain ABMS, MS. Aleissa, HA. Alrudayni, N.M.A. Alotaibi and MI. Alghonaim. 2023. **Nanocellulose based nano-bioglove biomaterial production using waste date palm trunk xylem fiber: An innovation. Deanship of Innovation and Research, IMSIU, (Submitted).** *Googlescholar:* https://scholar.google.com/citation?user=IAK0cV4AAAAJ&hl=en
Activities in specialist bodies over the last 5 years	• *Regional Editor and Associate Editor: 10 International Jourals. Reviewer in the following journals: Elsevier Journal, Springer Journal, Americal Journal of Agriculture and Biology, American Journal of Environmental Sciences. PUBLON Journals.* • *External Examiner of MS and PhD student: 5 Universities (KSA, Malaysia, India, Bangladesh)*

Name	Mohammed Mubarak Mohammed
Post/Position	Professor
Academic Carrier	-Ph.D. Pathology and Clinical Pathology, 1997 Assiut University, Egypt
Employment	-Demonstrator Pathology and Clinical Pathology 1987-1991 Assiut University -Assistant Lecturer Pathology and Clinical Pathology 1991-1997 Assiut University -Lecturer Pathology and Clinical Pathology 1997-2002 Assiut University -Associate Professor Pathology and Clinical Pathology 2002-2008 Assiut University -Professor Pathology and Clinical Pathology Since 2008 Assiut University -Imam Mohammad Ibn Saud Islamic University, Professor since 2022
Research and development projects over the last 5 years	-Stem Cell Lines project King Saud University Medical City 2018-2019 -Dermatology Research Project King Saud University Medical City 2019 -CAP Accreditation project King Saud University Medical City 2019 -Canadian Accreditation project King Saud University Medical City 2019
Industry collaborations over the last 5 years	*Project title: NA* *Partners:*
Patents and proprietary rights	*NA*
Important publications over the last 5 years	*Mohammed Al-Zharani, Fahd Naser, Nael Abutaha,Ali Alqahthani,Omar Noman, Mohammed Mubarak Muhammad wadan **2019**. Apoptotic induction and anti-migratory effects of *Rhazya stricta* fruit extracts on a human breast cancer cell line. Molecules, 24(21),3968: http://doi.org./10.3390/mplecules 24213968. *Nael Abutaha, Fahd Naser, Mohammed Al-Zharani, Ali Alqahtani, Omar Noman, Mohammed Mubarak, Semlali Abdelhabib, Muhammad Wadan **2019.** Effects of hexane root extract of *Ferula hermis* Boiss on human breast and colon cancer cells: An in vitro and in vivo study. Biomedical Research Int. http://doi.org/10.1155/2019/3079895. *Khalid Al-Ghamdi, Ashok Kumar, Ammar Al-Rikabi, Mohammed Mubarak **2020.** Effects of various doses of glutathione on the proliferation, viability, migration, and ultrastructure of cultured human melanocytes. Dermatologic Therapy. http://doi.org./10.1111/dth.13312.
Activities in specialist bodies over the last 5 years	-Internship Training Program King Saud University Medical City 2018-2019 -Reviewer in a number of peer reviewed journals including: Science Journal of Chemistry 2020 Clinical Oncology Journal 2020 South African Journal of botany 2020 American Journal of Bioscience 2020 International Journal of Fruit science 2020 Journal of Medicinal Plants and Herbs 2023 Journal Voice of the Publisher 2023

Name	*Prof. Dr. Fehmi Abdelmajeed Boufahja*

Post/position	*Professor*
Academic career	• *2016: University Habilitation (HDR) in Biological Sciences (Animal Ecobiology) (Faculty of Sciences of Bizerte, Carthage University, Tunisia).* • *2010: PhD in Biological Sciences (Marine Ecology) (Faculty of Sciences of Bizerte, Carthage University, Tunisia).* • *2003: Master degree in Environmental Sciences (Faculty of Sciences of Bizerte, Carthage University, Tunisia).* • *1996-2000: High education in Natural Sciences (Faculty of Sciences of Bizerte, Carthage University, Tunisia). NB: The course is made up normally of 4 years; this is not a license.*
Employment	• *Ministry of Education, Tunisia, 2001-2011.* • *Assistant-Professor (Biological Sciences: Ecology) at the Faculty of Sciences of Tunis (Tunis-Al Manar University, Tunisia) (2011-2012).* • *Assistant-Professor (Biological Sciences: Ecology) at the Faculty of Sciences of Bizerte (Carthage University, Tunisia) (2012-2017).* • *Associate-Professor (Animal Biology and Physiology: Animal Ecobiology and Ecotoxicology) at the Faculty of Sciences of Bizerte (Tunisia) (2017-2022).* • *Full professor (Animal Biology and Physiology: Animal Ecobiology and Ecotoxicology) at the Faculty of Sciences of Bizerte (Tunisia) (starting from May 2022).* • *Full professor at Imam Mohammad Ibn Saud Islamic University, since September 6, 2022.*
Research and development projects over the last 5 years	• *February 6-March 31, 2019: Funded by Campus France. Invited researcher at Ifremer, ODE, Unit 'Littoral', Laboratory 'Environnemental Ressources/Languedoc-Roussillon', Sete, France. Scientific partner: Dr. Marion Richard. Subject: Effects of mussel farms on meiobenthic nematodes from the lagoon of Thau, France. Grant amount: 1250 euros/month.* • *July 11-28, 2019: Funded by « Institute of Research for the Development (IRD), France ». Invited researcher at Ifremer, Sete, France. Scientific partner: Dr. Vincent Ouisse. Grants of the 'Research Institute for the Development (IRD)' for North-South partnerships'. Subject: Effects of the nutrient enrichment on free-living nematodes from a lagoonal herbarium of Zoostera: a mesocosm experiments. Grant amount: 2600 euros/month.* • *September 1st – October 31, 2019: Invited professor at MARBEC ('Institute of Research for the Development (IRD)'), Mobility Grants South-North, Long duration, MLD 2019, Sète, France. Scientific partner: Dr. Vincent Ouisse and Dr. Marion Richard. Subject (Projects MORTAFLUX and HALSEA): Taxonomy of meiobenthic nematodes from lagoons of Thau and Ayrolles, France. Grant amount: 3600 euros/month.*
Industry collaborations over the last 5 years	*Project title: NA* • *Partners:*
Patents and proprietary rights	• *NA*
Important publications over the last 5 years *(Total number: 5)*	• *Badraoui R, Allouche M, El Ouaer D, Siddiqui AJ, Ishak S, Hedfi A, Beyrem H, Pacioglu O, Rudayni HA,* ***Boufahja F.*** *2023. Ecotoxicity of chrysene and phenanthrene on meiobenthic nematodes with a case study of Terschellingia longicaudata: Taxonomics, toxicokinetics, and molecular interactions modelling.* ***Environmental Pollution****. 316(1):120459.* *google scholar:* https://scholar.google.com/citations?hl=en&user=wTP2TbQAAAAJ
Activities in specialist bodies over the last 5 years	• *Reviewer in the following journals:* *1. Environmental Pollution (Env Pollut) Impact Factor (2020): 8,071* *2. Science of the Total Environment (Sci Total Env) Impact Factor (2020): 7,963* *3. Journal of the Marine Biological Association of India (JMBA-I) Impact Factor (2020): 5,4*

Name	Mohamed Ahmed Mohamed Ali Badawi Zaid

<table>
<tr><td>Position</td><td>Professor of Biochemistry</td></tr>
<tr><td>Academic career</td><td>
<table>
<tr><th>Academic Degree</th><th>Institution</th><th>Year</th></tr>
<tr><td>Ph.D. degree in Biochemistry</td><td>Faculty of Science, Ain Shams University, Cairo, Egypt</td><td>2010</td></tr>
<tr><td>Master's degree in Biochemistry</td><td>Faculty of Science, Ain Shams University, Cairo, Egypt</td><td>2006</td></tr>
<tr><td>Bachelor's degree in Biochemistry</td><td>Faculty of Science, Ain Shams University, Cairo, Egypt</td><td>2002</td></tr>
</table>
</td></tr>
<tr><td>Employment</td><td>
<table>
<tr><th>Position</th><th>Address</th><th>Period</th></tr>
<tr><td>Professor</td><td>Biology Department, College of Science, Imam Mohammad Ibn Saud Islamic University, Riyadh, Saudi Arabia</td><td>February 2022–Present</td></tr>
<tr><td>Professor</td><td>Biochemistry Department, Faculty of Science, Ain Shams University, Cairo, Egypt</td><td>July 2021–Present</td></tr>
<tr><td>Associate Professor</td><td>Biochemistry Department, Faculty of Science, Ain Shams University, Cairo, Egypt</td><td>March 2016–July 2021</td></tr>
<tr><td>Assistant Professor (Lecturer)</td><td>Biochemistry Department, Faculty of Science, Ain Shams University, Cairo, Egypt</td><td>November 2010–March 2016</td></tr>
<tr><td>Assistant Lecturer</td><td>Biochemistry Department, Faculty of Science, Ain Shams University, Cairo, Egypt</td><td>November 2006–November 2010</td></tr>
<tr><td>Instructor</td><td>Biochemistry Department, Faculty of Science, Ain Shams University, Cairo, Egypt</td><td>January 2003–November 2006</td></tr>
</table>
</td></tr>
<tr><td>Research and development projects over the last 5 years</td><td>

Research Financing Agreement by the Deputyship for Research & Innovation, Ministry of Education in Saudi Arabia and the Deanship of Scientific Research at Imam Mohammad Ibn Saud Islamic University (IMSIU) (project number IFP-IMSIU-2023065).
International Research Partnership Agreement by the Deanship of Scientific Research at Imam Mohammad Ibn Saud Islamic University (IMSIU) (grant number IMSIU-RP23083).

</td></tr>
<tr><td>Industry collaborations over the last 5 years</td><td>-</td></tr>
<tr><td>Patents and proprietary rights</td><td>-</td></tr>
<tr><td>Important publications over the last 5 years</td><td>Gomaa SE, Abbas HA, Mohamed FA, Ali MAM, Ibrahim TM, Abdel Halim AS, Alghamdi MA, Mansour B, Chaudhary AA, Elkelish A, Boufahja F, Hegazy WAH, Yehia FAA. The anti-staphylococcal fusidic acid as an efflux pump inhibitor combined with fluconazole against vaginal candidiasis in mouse model. BMC Microbiol. 2024;24(1):54.
Bouzidi I, Khazri A, Mougin K, Bendhafer W, Abu-Elsaoud AM, Plavan OA, Ali MAM, Plavan G, Özdemir S, Beyrem H, Boufahja F, Sellami B. Doping zinc oxide and titanium dioxide nanoparticles with gold induces additional oxidative stress, membrane damage, and neurotoxicity in Mytilus galloprovincialis: Results from a laboratory bioassay. J Trace Elem Med Biol. 2024;83:127401.
https://scholar.google.com/citations?hl=en&user=LasuvXwAAAAJ&view_op=list_works&sortby=pubdate</td></tr>
<tr><td>Activities in specialist bodies over the last 5 years</td><td>

Academic editor for PLOS One
A guest editor for Frontiers in Virology

</td></tr>
</table>

Name	Fahd Ali Nasr Mohammed
Post/position	Assisstant Professor
Academic career	*Doctor of Philosophy in Science - Cell biology, heredity and tissue – College of Science - King Saud University 2017.* *•Master of Science in Biochemistry. Department of Biochemistry. College of Science - King Saud University 2012.* *•Bachelor of Science in Biochemistry. Department of Biochemistry. College of Science - King Saud University 2007.*
Employment	*•Assistant Professor, Biology Department, College of Science, Imam Mohammad Ibn Saud Islamic University, Saudi Arabia, 2023 to date.* *•Researcher, Pharmacognosy Department, College of Pharmacy, King Saud University, Saudi Arabia.(2018-2023).*
Research and development projects over the last 5 years	*•Novel sulfonamides as anticancer agents. King Abdulaziz City for Science and Technology (KACST). 13-MED997-02. King Saud University. From June 2020 to June 2022.* *•Researchers Supporting Project number (RSPD2023R732), King Saud University, Riyadh, Saudi Arabia.*
Industry collaborations over the last 5 years	*Project title: NA* *Partners: NA*
Patents and proprietary rights	*Yahia Nasser Mabkhot, Jamal Mohammed Ali Khaled, Mujeeb Abdullah Sultan, Fahd Ali Nasr Mohammed, Naiyf Sultan Helial Alaloi Alharbi, Salim Showiman Al-Showiman, Hazem Ahmed Ghabbour. Enaminone-Grafted Trithiocarbonate Derivative with Anticancer and Antimicrobial Activity. 4th Conventor.Patent No.:US 10,071,960. Sep.11, 2018.* *Yahia Nasser Mabkhot, Jamal Mohammed Ali Khaled, Naiyf Sultan Helial Alaloi Alharbi, Fahd Ali Nasr Mohammed, Fahd Abdo Almekhlafi, Nael Mahmmoud Abutaha, Salim S. Al-Showiman. Synthesis of thiazole derivative as anticancer and anti-antibiotics resistant bacteria agent. 6th Conventor.Patent No.:US 10501426. Dec.10, 2019.*
Important publications over the last 5 years *(Total number: 5)*	*1. Nasr FA, Shahat AA, Alqahtani AS, Ahmed MZ, Qamar W, Al Mishari AA and Almoqbil AN. Centaurea bruguierana inhibits cell proliferation, causes cell cycle arrest, and induces apoptosis in human MCF 7 breast carcinoma cells. Molecular Biology Reports (2020) 47:6043–6051.* *2. Ahmed MZ., Nasr FA*, Wajhul Qamar, Noman OM et al., Janerin Induces Cell Cycle Arrest at the G2/M Phase and Promotes Apoptosis Involving the MAPK Pathway in THP-1, Leukemic Cell Line. Molecules (2021):26, 7555.* *3. Nasr FA*, Siddiqui NA, ElGamal AA, Al-Massarani SM et al., Cytotoxic activity of guaiane-type sesquiterpene lactone (deoxycynaropicrin) isolated from the leaves of Centaurothamnus maximus. Open Chemistry (2022): 20: 410–416.* *4. Nasr FA*, Noman OM, Al-zharani M, Ahmed MZ et al. Chemical profile, antiproliferative and pro-apoptotic activities of essential oils of Pulicaria arabica against A549 lung cancer cell line. Saudi Pharmaceutical Journal, 31,12, (2023): 101879.* *5. Al-Saleem MS, Basudan OA, Salem WM, El-Gamal AA, Nasr FA et al. Alkaloids and phenolic constituents from Glaucium corniculatum. Biochemical Systematics and Ecology, 112, (2024): 104780.* **Google scholar**: https://scholar.google.com/citations?user=Plvn0XMAAAAJ&hl=en **ORCID**: https://orcid.org/0000-0002-6496-7822
Activities in specialist bodies over the last 5 years	• *Reviewer in Saudi Pharmaceutical Journal.* *Member of the college's examination follow-up committee.*

Name	***Dr. Mokhtar Rejili***
Post/position	*Ass. Professor*
Academic career	• *2004 – 2010: Doctor of Philosophy (PhD)-Microbial Genetic, University of Tunis El Manar, Tunisia. in collaboration with, El Zaidìn Experimental Station, Spain.* • *2002 – 2004: Magister Scientia (MSc)- Cell Physiology & Plant Biotechnology, University of Tunis El Manar, Tunisia.* • *1998- 2002: Bachelor of Science (BSc). Life & Earth Sciences, University of Sfax, Tunisia.* • *1997 – 1998: Baccalaureat, Experimental Sciences, Lycee 7 November-*
Employment	• *Since August 2022: Ass Prof. College of Sciences, Imam Mohammad Ibn Saud Islamic University.* • *From June 2022 – Present: Associate Professor, Faculty of Sciences (University of Gabes-Tunisia)* • *From October 2010 to 2022: Assistant Professor, Faculty of Sciences (University of Gabes-Tunisia)* • *From June 2017 to September 2018: Post-doctoral Researcher. LMU University, Munich, Germany.* • *From September 2014 to September 2015: Post-doctoral Researcher. University of Geneva, Switzerland.* • *From November 2013 to August 2015: Post-doctoral Researcher. University of Minho, Portugal* • *From December 2011 to September 2012: Post-doctoral Researcher. University of Delaware, Delaware Biotechnology Institute, USA.* • *From June 2011 to August 2011: Post-doctoral Researcher. Plant Biotechnology and Genomic Center, Madrid-spain.* • *From December 2010 to January 2011: Post-doctoral Researcher. U.D. Forestal Pathology E.T.S.I. Montes, Madrid-Spain.* • *From September 2005 to March 2010: PhD researcher. Faculty of Sciences of Tunisia in collaboration with Department of Soil Microbiology and Symbiotic Systems, El Zaidìn Experimental Station, Spain.*
Research and development projects over the last 5 years	*Manager and principal investigator of PRIMA Project (Partnership for Research and Innovation in the Mediterranean Area) with three euro- mediterranean partners: (Spain, Portugal, Italy), from 01/06/2020 - present* *Manager and principal investigator of TUNGER Project: Faculty of Sciences of Gabes / University of Munich-LMU (Germany), from 01/06/2016 to 31/12/2018* *Manager and principal investigator PH-Utique Project: Faculty of Sciences of Gabes / Institute of Plant Sciences (CNRS-France), Program PHC-Utique managed by the CMCU, from 01/01/2014 to 31/12/2018.*
Industry collaborations over the last 5 years	*Project title: NA* *Partners:*
Patents and proprietary rights	*NA*
Important publications over the last 5 years *(Total number: 5)*	*M ABenabderrahim, I. Bettaieb, H Hannachi, **MRejili**, T Dufour **(2024)** Cold plasma treatment boosts barley germination and seedling vigor: Insights into soluble sugar, starch, and protein modifications. Journal of Cereal Science Volume 116, March 2024, 103852 https://doi.org/10.1016/j.jcs.2024.103852* *google scholar https://scholar.google.com/citations?user=leiK9mQAAAAJ&hl=en*
Activities in specialist bodies over the last 5 years	*Member of the Association for the Safeguarding of the Medina of Bengardane (protecting a citizen's health, wellbeing and human rights; enabling them to live free from harm, abuse and neglect).*

Female Teaching Staff

Name	Dr.Moodi Saham Amer Alsubeie

Post/position	Associate Professor
Academic career	-Doctor of Philosophy in Botany,King Saud University, 31- May- 2017 Specialization:Plant Molecular Ecology. -M.SC in Botany, Princess Nora Bint Abdul Rahman Universty,2010.Specialization:Plant Ecology. -Bachelor of Sciences in Botany, 2005.
Employment	-Trainer of environmental awareness in the Saudi Wildlife Authority, 2010 to 2017. -Assistant Professor, Department of Biology, College of Science, Imam Mohammad Ibn Saud Islamic University, 2017. -Associate Professor, Department of Biology, College of Science, Imam Mohammad Ibn Saud Islamic University, 1443 to date.
Research and development projects over the last 5 years	• *https://scholar.google.com/citations?user=QAwoDZQAAAAJ&hl=ar*
Industry collaborations over the last 5 years	*Project title: NA* *Partners: NA*
Patents and proprietary rights	*NA*
Important publications over the last 5 years *(Total number: 5)*	Basher, N. S., Alsubeie, M. S., & Rudayni, H. A. (2022). Investigation the Lethal Effect of Colotropis procera Ait Leaves Extracts Against Aedes aegypti (L) Larvae. Mechergui, K., Naghmouchi, S., Alsubeie, M. S., Jaouadi, W., & Ammari, Y. (2022). Biomass, radial growth and regeneration capacity of Aleppo pine, and its possible use as rootstock in arid and degraded areas. iForest-Biogeosciences and Forestry, 15(3), 213. Zen El-Dein, A. A., Koriem, M. H., Alsubeie, M. S., Alsalmi, R. A., Masrahi, A. S., Al-Harbi, N. A., ... & Hefny, Y. A. (2022). Effect of Mycorrhiza Fungi, Preceding Crops, Mineral and Bio Fertilizers on Maize Intercropping with Cowpea. Agriculture, 12(11), 1934. Awad-Allah, M. M., Shafie, W. W., Alsubeie, M. S., Alatawi, A., Safhi, F. A., ALshamrani, S. M., ... & Masrahi, A. S. (2022). Utilization of Genetic Resources, Genetic Diversity and Genetic Variability for Selecting New Restorer Lines of Rice (Oryza sativa L.). Genes, 13(12), 2227. EL-Bauome, H. A., Abdeldaym, E. A., Abd El-Hady, M. A., Darwish, D. B. E., Alsubeie, M. S., El-Mogy, M. M., ... & Doklega, S. M. (2022). Exogenous proline, methionine, and melatonin stimulate growth, quality, and drought tolerance in cauliflower plants. Agriculture, 12(9), 1301. *google scholar: https://scholar.google.com/citations?user=QAwoDZQAAAAJ&hl=ar*
Activities in specialist bodies over the last 5 years	• *Member of the college council* (1441& 1442) • *Member of the scientific council* • *Member of the Research Center* • *Implementation of training courses in the field of specialization and technical field* • *Vice Head of Department of Biology (1441-1444)*

Name	*Seham Moussa Mohamed Hamed*

Post/position	*Associate Professor*
Academic career	• *Doctor's Degree (PhD) in Microbiology, Botany department, Faculty of Science, Beni-Suef University, Beni-Suef, Egypt, 2012.* • *Master Degree (MSc) in Microbiology, Botany department, Faculty of Science, Beni-Suef University, Beni-Suef, Egypt, 2007.* • *Post graduate courses, Botany department, Faculty of Science, Cairo University, Giza, Egypt, 2003.* • *Bachelor of Science (BSc), Botany and Chemistry, Botany department, Faculty of Science, Beni-Suef University, Beni-Suef, Egypt, 2002..*
Employment	• *Associate Professor at College of Science, Imam Mohammad Ibn Saud Islamic University, 19 Nov 2022 –present.* • *Senior Researcher (Associate Professor) at Soil Microbiology Dept. Soils, Water and Environment Research Institute, Agricultural Research Center, Giza, Egypt, Dec. 2018.* • *Researcher (Lecturer) at Soil Microbiology Dept. Soils, Water and Environment Research Institute, Agricultural Research Center, Giza, Egypt, 26 Jun. 2013–Oct 2018.* • *Researcher Assistant (Assistant Lecturer) at Soil Microbiology Dept. Soils, Water and Environment Research Institute, Agricultural Research Center, Giza, Egypt, 5 Apr. 2008–25 Jun. 2013.* • *Assistant Researcher (Demonstrator) at Soil Microbiology Dept. Soils, Water and Environment Research Institute, Agricultural Research Center, Giza, Egypt, 14 Feb. 2007–4 Apr. 2008.* • *Chemist Specialist at Soil Microbiology Dept. Soils, Water and Environment Research Institute, Agricultural Research Center, Giza, Egypt, 15 Oct. 2003–13 Feb. 2007.*
Research and development projects over the last 5 years	*International Research Partnership Program (RP-23040), Imam Mohammad Ibn Saud Islamic University, April 2021*
Industry collaborations over the last 5 years	*Project title: Hazard assessment and bioremoval efficiency of nano-sized emerging contaminants using microalgae and cyanobacteria.* *Partners:*
Patents and proprietary rights	
Important publications over the last 5 years *(Total number: 5)*	*Seham M. Hamed, Mohammad K. Okla, Luma Shihab Al-Saadi , Wael N. Hozzein, Hussein S. Mohamed, Samy Selim, Hamada AbdElgawad (2022). Evaluation of the phycoremediation potential of microalgae for captan removal: Comprehensive analysis on toxicity, detoxification and antioxidants modulation. Journal of Hazardous Materials 427:128177.* *Seham M. Hamed, Inas J. Al-Nuaemi, Shereen Magdy Korany, Emad A. Alsherif , Hussein S. Mohamed, Hamada AbdElgawad (2022). Hazard assessment and environmental fate of propiconazole degradation by microalgae: Differential tolerance, antioxidant and detoxification pathway. Journal of Environmental Chemical Engineering 10:108170.* *Asma Sarwer, Seham M. Hamed, Ahmed I. Osman, Farrukh Jamil, Ala'a H. Al-Muhtaseb, Nawaf S. Alhajeri, David W. Rooney (2022). Algal biomass valorization for biofuel production and carbon sequestration: a review. Environmental Chemistry Letters https://doi.org/10.1007/s10311-022-01458-1.* *google scholar: https://scholar.google.com/citations?user=Go4drFMAAAAJ&hl=en*
Activities in specialist bodies over the last 5 years	**Reviewer for several national and international peer reviewed journals**

Name	**Badriah Saleh Alammari**
Post	Assistant professor in Plant ecology and taxonomy
Academic career	• Ph. D in Plant ecology and Taxonomy, King Saud university,2013 • Master in Plant ecology, King Saud University,2009 • Bachelor Degree in Biology, University of Hail,2003
Employment	• Assistant professor in Plant Biology, College of Science, Al- Imam University, August, 2018 to date.
Research and development projects over the last 5 years	*Non*
Industry collaborations over the last 5 years	*Project title:* Eco-physiological and Biochemical Reasons of Weedy species to various abiotic stresses *Partners:* Seham Moussa Mohamed Hamed, Moodi Saham Amer Alsubeie
Patents and proprietary rights	*NA*
Important publications over the last 5 years (*Total number:5)*	2- Osama, H. Sayed, Yahya S. Masrahi, M. Remesh and **B. S. Al-Ammari**. **(2019**). Coffee production in southern Saudi Arabian highlands: Current status and water conservation. *Saudi Journal of Biological Sciences.* 26: 1911-1914 3- T.A. Al-Turki, A. A. Al-Namazi, **B. S. Al-Ammari**, M. S. Mosallam and M. A.Basahi. **(2020).** *Ex-situ* conservation of Wheat genetic resources from Saudi Arabia. *Saudi Journal of Biological Sciences.* 27: 2318-2324. 4.A. A. Al-Namazi, **B. S. Al-Ammari**, A. J. Davy and T.A. Al-Turki**. (2020).** Seed dormancy and germination in *Dodonaeae viscosa* (Sapindaceae) from south-western Saudi Arabia. *Saudi Journal of Biological Sciences.* 27: 2420-2424. 5- Y Masrahi, A Al-Namazi, **BS. Alammari**, T Alturki. (2022) . Adaptations facilitate the invasion of *Cylindropuntia rosea* (DC.) Backeb. (Cactaceae) in the highlands of southwestern Saudi Arabia . Plant Signaling & Behavior 17 (1), 2144593. 6- TA Al-Turki, AJ Davy, **BS.Al-Ammari**, MA Basahi.(2022). Seed germination characteristics of some medicinally important desert plants from the Arabian Peninsula. Journal of Arid Environments 198, 104689, 2022. 7- SM Hamed, N Hassan, MYA Mohamed**, BS Alammari**, H AbdElgawad.(2024). Accumulation and nano-ecotoxicological impact of cerium oxide nanoparticles on cyanobacteria: Understanding photosynthesis, detoxification, and antioxidant responses. Journal of Environmental Chemical Engineering, 112134. 8- SM Hamed, HS Ali, MYA Mohamed, **BS Alammari**, H AbdElgawad.(2024). Toxicity of mercuric oxide nanoparticles on freshwater microalgae: Comprehensive analysis on their interactive effects and detoxification pathways. Journal of Water Process Engineering 57, 104583. https://scholar.google.com/citations?hl=ar&user=vcUpsbcAAAAJ https://www.webofscience.com/wos/author/record/HNJ-0683-2023 https://www.scopus.com/home.uri
Activities in specialist bodies over the last 5 years	*Non*

Name	*Eman Abdullah A Almuqri*

Post/position	*Assistent Professor*
Academic career	● *PhD Degree of Genetics in Huazhong University of Science and Technology, 2016* ● *Master Degree of Genetics in Central China Normal University 2012* ● *Bachelor Degree of Biology, Science and Education College, 2003.*
Employment	● *Al Imam Mohammad Ibn Saud Islamic University, Lecturer, Since 2017*
Research and development projects over the last 5 years	*Work in Molecular biology and cytogenetic Laboratories including (DNA Extraction, PCR Technique, Automated DNA Sequencing Technique and Agrose Gel Electro Phoresis, Gene Therapy.* *Using molecular modelling and docking tools, and development of homology models for proteins aimed at structure based drug design.*
Industry collaborations over the last 5 years	*Project title: NA* *Partners: NA*
Patents and proprietary rights	*NA*
Important publications over the last 5 years *(Total number: 5)*	*1. Association of C161T and Pro12Ala Polymorphism in PPARγ2 with obesity in Chinese 6. Kartikay PrasadI, Suliman Yousef AlOmar, Eman Abdullah Almuqri, Hassan Ahmed Rudayni, Vijay Kumar Genomics-guided identification of potential modulators of SARS-CoV-2 entry proteases, TMPRSS2 and Cathepsins B/L PLoS ONE 16(8): e0256141. https://doi.org/10.1371/journal.pone.0256141* *Genomics-guided identification of potential modulators of SARS-CoV-2 entry proteases, TMPRSS2 and Cathepsins B/L* *google scholar: https://scholar.google.com/citations?user=uXBpjEIAAAAJ&hl=ar*
Activities in specialist bodies over the last 5 years	● ●

Name	Lina Mohammed Ateeq Alneghery

Post/position	Assistant Professor
Academic career	• Doctor of Philosophy, Molecular Physiology, GPA 4.72/5, King Saud University (2015-2018) • Master of Molecular Physiology, GPA 4.57/5, King Saud University (2008-2012) • Bachelor in Zoology, Percentage 86.69%, Imam Abdulrahman Bin Faisal University (2001-2004)
Employment	• Technical Sales Specialist in Central Region, Alliance Global Jul 2017- Jun 2018 • Acting Director and Deputy of The Genomic Center for Infectious Diseases, Infectious Diseases Centers, The National Center for Disease Prevention and Control, Ministry of Health, Jul 2018 – Jan 2020 • Assistant professor, Department of biology, College of sciences,Imam Mohammed Ibn Saud Islamic University, Ministry of Education, Jan 2020- present
Research and development projects over the last 5 years	• Attending a webinar lecture titled Corona the latest developments and new information on 3rd May 2020 • Attending the 1st Saudi Course in Clinical Laboratory Genetics and Genetic Counseling on 17th - 19th Nov 2019 • Attending the Introduction in Clinical Research on 21st -24th Oct 2019 • Attending the Global Health Exhibition and Congress on 10th -12th Sep 2019 • Attending the New Horizon in Genomics Applications on 10th -11th Feb 2019 • Attending the Medlab Middle East on 4th -7th Feb 2019 • Attending the CME of the Saudi International Medlab Conference 19th -21st Nov 2018 • Certificate of completion of Good Clinical Practice by NIDA Clinical Trials Network on 3rd Jun 2017
Industry collaborations over the last 5 years	*Project title: NA* *Partners: NA*
Patents and proprietary rights	*NA*
Important publications over the last 5 years *(Total number: 5)*	• AlNeghery, L., Kenana, R., AlBakheet, A., AlMass, R., AlMutairi, F., AlSagob, M., Qari, A., Huma, R., Colak, D., Daghestani, M., Kaya, N., and AlSayed, M.D. (2018). A Systematic Genetic Assessment of ARFGEF2 Mutations in Periventricular Heterotopia. International Journal of Genetics and Genomics, 6(1): 11-17. • Daghestani, M., Daghestani, M., Daghestani, M., Ambreen, K., Almuammar, M., Alneghery, L., and Warsy, A. (2020). Relevance of KISS1 gene polymorphisms in susceptibility to Polycystic Ovary Syndrome and its associated Endocrine and Metabolic disturbances. British journal of biomedical science • Daghestani, M., Daghestani M., Daghistani M., Ambreen K., Albalawi F., Alneghery L., Warsy, A. (2020). Influence of KISS1 gene polymorphisms on the risk of Polycystic Ovary Syndrome and its associated variables, in Saudi women. BMC Endocrine Disorders • Alqahtani W., Alneghery L., Alqahtani A., ALKahtani M., Alkahtani S. (2020). A review of comparison study between Corona Viruses (SARS-CoV, MERS-CoV) and Novel Corona Virus (Covid-19). Revista Mexicana de Ingeniería Química, 19 (1): 229-240
	Google scholar: https://scholar.google.com/citations?user=loWlieoAAAAJ&hl=ar&gmla=AJsN-F6aRD6tN516pxatrOEbmCBuTp4emNCZvZnn9uLDJWW9ftlNRMFsqeFNVqXZKh8PJA3W2-tFIahSb_jbwccJjFNPkE2C_8XObuVAtJszaUMRnyZm59fDTRaKVhH_6WzvJiRo_3Lbz0NVGNn1GRamLBiI-8Us7Q
Activities in specialist bodies over the last 5 years	• Member in “Saudi Society of Medical Genetics” from Mar 2018 • Member in “Healthy Marriage Program” in the Ministry of Health in Apr 2019

Name	*Dr. Marwa Yousry Abdel Monem Mohamed*
Post/position	*Assistant Professor*
Academic career	• *PhD, Microbiology and Immunology, Al-Azhar University, Egypt, 2012* • *Professional program in Occupational health, Safety and Environmental Control (OSHA) Diploma, American university Cairo, Egypt, 2012* • *Master degree, Microbiology and Immunology, Cairo University, Egypt, 2008* • *Bachelor Degree in pharmaceutical sciences, Cairo University, Egypt, 2000*
Employment	• *Imam Mohammad Ibn Saud Islamic University, positionr, since year-2017* • *Head of Risk management Unit and Chief Bio-safety Coordinator in Central Public Health Laboratories, Ministry of Health, since 2010-2015.* • A trainer for Global Bio- Risk Management Curriculum trainers ' Network, GBRMCNet • *Lecturer at 6 th October University, Pharmacy college, Microbiology dep, 2002-2004* • *Microbiologist in Clinical Microbiology Department in Central Health laboratories, Ministry of Health, since 2001-20013.* • *Microbiology and immunology consultant in Cairo Medical Centre Microbiology Laboratory., 2009-2012.* • *Trainer and academic lecturer at Different research centers and governmental labs.*
Research and development projects over the last 5 years	• PI in a research group supported and funded by the Deanship of Scientific Research at Imam Mohammad Ibn Saud Islamic University (IMSIU) (grant number IMSIU-RG23126). • Associate and assistant researcher in different research groups
Industry collaborations over the last 5 years	*Project title: NA* *Partners:*
Patents and proprietary rights	*NA*
Important publications over the last 5 years *(Total number: 5)*	• Hamed, S. M., Hassan, N., Mohamed, M. Y. A., Alammari, B. S., & AbdElgawad, H. (2024). **Accumulation and nano-ecotoxicological impact of cerium oxide nanoparticles on cyanobacteria: Understanding photosynthesis, detoxification, and antioxidant responses.** *Journal of Environmental Chemical Engineering*, 112134. • Hamed, S. M., Ali, H. S., Mohamed, M. Y. A., Alammari, B. S., & AbdElgawad, H. (2024). **Toxicity of mercuric oxide nanoparticles on freshwater microalgae: Comprehensive analysis on their interactive effects and detoxification pathways.** *Journal of Water Process Engineering*, *57*, 104583. • Osama, D. M., Zaki, B. M., Khalaf, W. S., Mohamed, M. Y. A., Tawfick, M. M., & Amin, H. M. (2023). **Occurrence and Molecular Study of Hypermucoviscous/Hypervirulence Trait in Gut Commensal K. pneumoniae from Healthy Subjects. Microorganisms**, 11(3), 704. ***Google scholar:*** *https://scholar.google.com/citations?user=6d2jfaEAAAAJ&hl=en*
Activities in specialist bodies over the last 5 years	

Name	*Nosiba Suliman Hamed Basher*
Post/position	*Assistant Professor*
Academic career	• *Ph.D., Bioscience (Applied Entomology), University of Gezira , Sudan, 2017* • *M.Sc. Biotechnology ,University of Gezira , Sudan, 2011* • *B.Sc. Animal Science , University of Gezira , Sudan, 2004*
Employment	• *Imam Mohammed Ibn Saud University, KSA ,2019 to date* • *University of Gezira , Sudan, 2010- 2011 part time*
Research and development projects over the last 5 years	➢ *PI. larvicidal Activity of Ethanol Extract of Two Selected Medicinal Plants Parts Against Aedes aegypti Mosquito Vector of Dengue Fever ,Al imam Mohammed Ibn Saud University* . 15 / 11 / 2020 ➢ *PI. Deleterious effect of polymorphism in angiotensin converting enzyme gene in vitiligo patients, Al imam Mohammed Ibn Saud University* . 15 / 11 / 202
Industry collaborations over the last 5 years	*Project title: Research Title:* *Biological control of an insect: Study of the behavior of the insect Capnodis tenebrionis L., which threatens acacia trees in the Kingdom, using the tobacco plant Nicotiana glauca.* *Partners: Dr.. Naguib Hamed Al-Sobhi* *Dr.. Saad Al-Zahrani (external researcher)* ***Dr.Nosiba Basher***
Patents and proprietary rights	***None***
Important publications over the last 5 years *(Total number: 5)*	1. *Mohd Imran, Shahzad Ahmed, Ahmad Zuhairi Abdullah, Jabir Hakami, Anis Ahmad Chaudhary, Hassan Ahmad Rudayni, Salah-Ud-Din Khan, Afzal Khan, Nosiba Suliman Basher. Nanostructured material-based optical and electrochemical detection of amoxicillin antibiotic. Luminescence, https://doi.org/10.1002/bio.4408.* 2. *Pramanik, Atreyi, Anis Ahmad Chaudhary, Aashna Sinha, Kundan Kumar Chaubey, Mohammad Saquib Ashraf, Nosiba Suliman Basher, Hassan Ahmad Rudayni, Deen Dayal, and Sanjay Kumar. 2023. "Nanocatalyst-Based Biofuel Generation: An Update, Challenges and Future Possibilities" Sustainability 15, no. 7: 6180. https://doi.org/10.3390/su15076180* 3. *Kumar V, Yasmeen N, Chaudhary AA, Alawam AS, Al-Zharani M, Suliman Basher N, Harikrishnan S, Goud MD, Pandey A, Lakhawat SS and Sharma PK (2023), Specialized proresolving lipid mediators regulate inflammatory macrophages: A paradigm shift from antibiotics to immunotherapy for mitigating COVID-19 pandemic. Front. Mol. Biosci. 10:1104577. doi: 10.3389/fmolb.2023.1104577* 4. *Basher NS, Alsubeie MS, Rudayni HA. Investigation the Lethal Effect of Colotropis procera Ait Leaves Extracts Against Aedes aegypti (L) Larvae. Entomol Appl Sci Lett. 2022;9(4):19-27. https://doi.org/10.51847/R65NhEqIs9* 5. *Nosiba S Basher,Salma Elfadel Yaseen Babekir1*, Alashary Adam Eissa Hamdoon1, Mohamed Elhag Elkhidir1, Nasir A Ibrahim2. The investigation of aqueous extract of neem bark and leaves against larvae mosquitoes in Khartoum state, Sudan. International Journal of Entomology ,2022,7(10) Pages 150-153* *google scholar: https://scholar.google.com/citations?user=6d2jfaEAAAAJ&hl=en*
Activities in specialist bodies over the last 5 years	

Name	**Maroua Elmoledi Jalel Jalouli**
Post/position	Assisstant Professor
Academic career	• **Ph.D.** in Cell and Molecular Biology, Faculty of Medicine, University of Laval, Quebec, Canada (2018) • **Master** in Cell and Molecular Biology, Faculty of Medicine, University of Laval, Quebec, Canada (2010) • **Bachelor** Degree in Life Sciences, University of Gafsa, Tunisia (2007)
Employment	• Assistant Professor, Department of Biology, College of Science, Imam Mohammad Ibn Saud Islamic University (IMSIU) (September 2022-present) • Guest Assistant Professor, King Saud University, College of Science (2021-2022) • Postdoctoral Research fellow, King Saud University, College of Science (2019-2021)
Research and development projects over the last 5 years	• International Research Partnership (2023) (Project number: IMSIU-RP23099), funded by the Deanship of Scientific Research, Imam Mohammad Ibn Saud Islamic University (IMSIU)
Industry collaborations over the last 5 years	*NA*
Patents and proprietary rights	*NA*
Important publications over the last 5 years ***(Total number: 5)***	1. **Jalouli, M.**; Barhoumi, T.; Al-Zahrani, M.; Chahine, M. The angiotensin II type 1 receptor mediates the induction of oxidative stress, apoptosis, and autophagy in HUVECs induced by angiotensin II. *Journal of King saud University Science*, **2024**, accepted. 2. Barhoumi, T.; Mansour, F.A**.; Jalouli, M**.; Alamri, H.S.; Ali, R.; Harrath, A.H.; Aljumaa, M.; Boudjelal, M. Angiotensin II modulates THP-1-like macrophage phenotype and inflammatory signatures via angiotensin II type 1 receptor. *Frontiers in Cardiovascular Medicine.* **2023,** *10*, 3. Mufti, A.; **Jalouli, M.**; Nahdi, S.; Tlili, N.; Alqahtani, W.; Mansour, L.; Alwasel, S.; Harrath, A.H. Maternal Exposure to Acephate Caused Nephrotoxicity in Adult Offspring Rats Mediated by Excessive Autophagy Activation, Oxidative Stress Induction, and Altered Epithelial Sodium Channel and Na/K-ATPase Gene Expression. *Biology-Basel.* **2023,** *12* (2). 4. **Jalouli, M.**; Mofti, A.; Elnakady, Y.A.; Nahdi, S.; Feriani, A.; Alrezaki, A.; Sebei, K.; Bizzarri, M.; Alwasel, S.; Harrath, A.H. Allethrin Promotes Apoptosis and Autophagy Associated with the Oxidative Stress-Related PI3K/AKT/mTOR Signaling Pathway in Developing Rat Ovaries. *International Journal of Molecular Sciences.* **2022,** *23* (12), 5. Tizaoui, K.; **Jalouli, M**.; Boujelbene, N.; Harrath, A.H.; Ouzari, H.I.; Rizzo, R.; Zidi, I. The relationship of 3'UTRHLA-G14-bp insertion/deletionand+3142 C/G polymorphisms and soluble HLA-G expression with gynecological cancers: An updatedmeta-analysis. *Immunity Inflammation and Disease.* **2022,** *10* (7). *https://scholar.google.com/citations?hl=en&user=bdnReLYAAAAJ*
Activities in specialist bodies over the last 5 years	*NA*

Name	*Shaikha Abdullah M Albatli*
Post	*Assistant Professor*
Academic career	*Ph.D. in Life Scinece — University of Leicester — 2023* *M.Sc. in Microbiology — 2012* *B.Sc. in Botany — King Saud University* *Microbiology — King Saud University — 2001*
Employment	*Associate Professor in Biology — Immam Muhammad Bin Saud Islamic University — 2023-present* *University Lecturer in Biology — Shaqra University — 2012 – 2015*
Research and development projects over the last 5 years	• *none*
Industry collaborations over the last 5 years	*Project title: NA* *Partners:*
Patents and proprietary rights	*NA*
Important publications over the last 5 years	• *none* • *https://scholar.google.com/citations?hl=en&user=mCCXBckAAAAJ&citft=1&citft=2&citft=3&email_for_op=shalbatli%40su.edu.sa&scilu=&scisig=AM0yFCkAAAAAZZFdeOsesaVLkUAqK92Vatgfkn4&gmla=AH70aAUkD9gV2fdDmkY9DekemZf37c6N7kAi0coLBemz5YtnQaPzI4wr7JiRvLaeWAK28QQPG2wCifSA6TIvaavkMRgVdOLX18I_mxk&sciund=1426753814440559245*
Activities in specialist bodies over the last 5 years	*None*

Name	Aeshah Mohammed Zaid Almuhaini
Post/position	Lecturer
Academic career	*• Master in Biological Science, University of Northern Colorado, United States, 2015* *• Bachelor Degree in Science and Education (Botany), Princess Nora Bint Abdul Rahamn University, Saudi Arabia, 2007.*
Employment	*Quality Management Specialist, Al-Rabie Saudi Foods Co. Ltd, 2010-2012* *Teaching Assistant, Al Imam Mohammad Ibn Saud Islamic University, 2017* *Lecturer of Biology, Al Imam Mohammad Ibn Saud Islamic University, 2018-present*
Research and development projects over the last 5 years	*none*
Industry collaborations over the last 5 years	*Project title: NA* *Partners:*
Patents and proprietary rights	*NA*
Important publications over the last 5 years *(Total number: 5)*	• Molecular docking analysis and spectroscopic investigations of zinc(II), nickel(II) N-phthaloyl-β-alanine complexes for DNA binding: Evaluation of antibacterial and antitumor activities. *google scholar:* https://scholar.google.co.uk/citations?hl=ar&user=tE1h5IsAAAAJ
Activities in specialist bodies over the last 5 years	*none*

Name	*Hissah Alotibi*
Post/position	*Biology Lecturer*
Academic career	*• Master's degree in Microbiology, Princess Nora Bint Abdul Rahamn University, Saudi Arabia, 2009* *• Bachelor Degree in Science and Education (Botany), Princess Nora Bint Abdul Rahamn University, Saudi Arabia, 1999.*
Employment	Lecturer in Shaqra University, 2000 Lecturer in Shaqra University, 2009 Lecturer at Imam Muhammad bin Saud University, 2022
Research and development projects over the last 5 years	nothing
Industry collaborations over the last 5 years	*Project title:* nothing *Partners:*
Patents and proprietary rights	nothing
Important publications over the last 5 years *(Total number: 5)*	nothing *https://scholar. Google.com/citations?view_op=new_articles&hl=ar&imq=Hessa+shafi#*
Activities in specialist bodies over the last 5 years	• nothing

Name	*Amal Salim Balahmar*
Post/position	*Biology Lecturer*
Academic career	• *Master's degree in Microbiology and Immunology, New York, United State of America, 2020.* • *Bachelor's Degree in Biology, Philadelphia, United States of America, 2016.*
Employment	• *Imam Mohammad Ibn Saud Islamic University, Lecturer, since year 2017.*
Research and development projects over the last 5 years	• *The Critical Role of TNF-receptors versus NADPH Oxidase in Controlling Babesia microti Infection. (2020).*
Industry collaborations over the last 5 years	*Project title: NA* *Partners:*
Patents and proprietary rights	*NA*
Important publications over the last 5 years *(Total number: 5)*	
	google scholar: shorturl.at/uzZ24
Activities in specialist bodies over the last 5 years	• Certificate of attending the 15th annual conference of Saudi society of medical microbiology and infectious diseases.

Name	*Malak oun Aladwani*
Post/position	*Lecturer*
Academic career	• *Master, biotechnology, University of Alabama,USA, 2015* • *Bachelor, biotechnology, Taif university, Saudi Arabia, 2010*
Employment	• *Imam Mohammad Ibn Saud Islamic University, Lecturer, 1443 till now-*
Research and development projects over the last 5 years	• *non*
Industry collaborations over the last 5 years	*Project title: NA* *Partners:*
Patents and proprietary rights	*NA*
Important publications over the last 5 years *(Total number: 5)*	• *An Extensive Examination of the Warning Signs, Symptoms, Diagnosis, Available Therapies, and Prognosis for Lumpy Skin Disease* • *Biological Activities of Sargassum Algae Mediated ZnO and Co Doped ZnO Nanoparticles as Enhanced Antioxidant and Anti-Diabetic Agents* • *Insight into the Potential Antioxidant and Antidiabetic Activities of Scrolled Kaolinite Single Sheet (KNs) and Its Composite with ZnO Nanoparticles: Synergetic Studies* • *Synthesis and Biological Activity Evaluations of Green ZnO-Decorated Acid-Activated Bentonite-Mediated Curcumin Extract (ZnO@CU/BE) as Antioxidant and Antidiabetic Agents* • *Synthesis and Characterization of Green Zinc-Metal-Pillared Bentonite Mediated Curcumin Extract (Zn@CN/BE) as an Enhanced Antioxidant and Anti-Diabetes Agent* • *Biological characterization of microwave based synthesized ZnO and Ce doped ZnO nanoflowers impeded chitosan matrix with enhanced antioxidant and anti-diabetic properties* • *Decoding the host–pathogen interspecies molecular crosstalk during oral candidiasis in humans: an in silico analysis* *google scholar:* https://scholar.google.com/citations?hl=en&user=FXTpVb8AAAAJ
Activities in specialist bodies over the last 5 years	*I have presented a Lectuer titled with (*What you need to know about Coronavirus as a biologist ?) with Imam University Science at summer.2020

Name	*Nada Mohammed Ibrahim Alshugairan*
Post/position	Lecturer
Academic career	• *Master Degree of Enivronmental Science in United Arab Emirates University, UAE,2008* • *Bachelor Degree of Botany and Microbiology in King Saud Uniersity,2004*
Employment	• *Imam Mohammad Ibn Saud Islamic University, Lecturer, Since 2018*
Research and development projects over the last 5 years	*none*
Industry collaborations over the last 5 years	*Project title: NA* *Partners:*
Patents and proprietary rights	*NA*
Important publications over the last 5 years *(Total number: 5)*	• *Induction of IRG-1 Reduces Reactive Oxygen Species Production by Bioactive Compounds of Anise (Pimpinella Anisum L.) on LPS- Activated Macrophages,2020* *google scholar:* https://scholar.google.com/citations?user=sAqVc8AAAAAJ&hl=ar
Activities in specialist bodies over the last 5 years	• *Infection Control Updated Conference, Virtual Medical Academy, Riyadh, 2021* • *Lab Safety & Environmental Control Workshop, Virtual Medical Academy, Riyadh, 2021*

Name	*Hadil Alkathiry*
Post	*Lecturer in Parasitology*
Academic career	*M.Sc. in Molecular Parasitology and Vector Biology* — *University of Manchester, Salford and keele* — *2013* *B.Sc. in Zoology* — *Princess Nourah Bint Abdul Rahman University* — *2008*
Employment	*Lecturer* — *IMSIU -Saudi Arabia* — *2017 - Present* *Lecturer* — *PNU - Saudi Arabia* — *2013 - 2017*
Research and development projects over the last 5 years	*NA*
Industry collaborations over the last 5 years	*Project title: NA* *Partners: NA*
Patents and proprietary rights	*NA*
Important publications over the last 5 years	• Alkathiry, H.A., Alghamdi, S.Q., Sinha, A., Margos, G., Stekolnikov, A.A., Alagaili, A.N., Darby, A.C., Makepeace, B.L. and Khoo, J.J., 2024. Microbiome and mitogenomics of the chigger mite Pentidionis agamae: Potential role as an Orientia vector and associations with divergent clades of Wolbachia and Borrelia. • Alkathiry, H.A., Alghamdi, S.Q., Morgan, H.E., Noll, M.E., Khoo, J.J., Alagaili, A.N. and Makepeace, B.L., 2023. Molecular detection of Candidatus Orientia chuto in wildlife, Saudi Arabia. Emerging Infectious Diseases, 29(2), p.402. • Alghamdi, S.Q., Alkathiry, H.A., Stekolnikov, A.A., Alagaili, A.N. and Makepeace, B.L., 2023. Additions to the chigger mite fauna (Acariformes: Trombiculidae) of Saudi Arabia, with the description of a new species. Acarologia, 63(1), pp.3-23. *For more information about research productivity:* *Google Scholar Link:* https://scholar.google.com/citations?hl=en&user=hN-8RioAAAAJ *ORCID ID: 0000-0003-2922-6372* *Scopus ID: 57202922490*
Activities in specialist bodies over the last 5 years	• *Modules demonstrator* • *Supervisor of Undergraduate and Master's Graduation Projects* — *University of Liverpool* — *2020-Present*

Name	*Mai Musaed Almsaud*
Post	*Lecturer*
Academic career	*Ph.D. in Virology — University of Liverpool, UK — 2024* *M.Sc. in Medical Laboratory Sciences — University of Rhode Island, USA — 2016* *B.Sc in Clinical Laboratory Sciences — King Saud University, Saudi Arabia — 2012*
Employment	*Lecturer — IMSIU -Saudi Arabia — 2017 – Present*
Research and development projects over the last 5 years	*Poster presentation—Investigation of Interferon Antagonism by Seasonal and Severe Coronaviruses at the British Society for Immunology Congress, 2022.* *Conference attendance –Annual Microbiology Society Conference, 2021.* *Conference attendance –19th Human Proteome Organization World Congress, 2020.*
Industry collaborations over the last 5 years	*Project title: NA* *Partners: NA*
Patents and proprietary rights	*NA*
Important publications over the last 5 years	*Moore, S. C., et al. (2020). "Amplicon-Based Detection and Sequencing of SARS-CoV-2 in Nasopharyngeal Swabs from Patients With COVID-19 and Identification of Deletions in the Viral Genome That Encode Proteins Involved in Interferon Antagonism." Viruses 12(10): 1164.* *Dorward, D. A., et al. (2021). "Tissue-Specific Immunopathology in Fatal COVID-19." American journal of respiratory and critical care medicine. 203(2): 192-201.* *For more information about research productivity:* *Google Scholar Link:* https://scholar.google.com/citations?user=YDOpqQEAAAAJ&hl=en&oi=ao
Activities in specialist bodies over the last 5 years	*The COVID-19 Genomics UK (COG-UK) consortium—An integrated national scale SARS-CoV-2 genomic surveillance network 10.1016/S2666-5247(20)30054-9* *Member in the UK International Coronavirus Network (UK-ICN)*

Name	Nourah Mohammed Al-Zahem
Post	Lecturer of Biology
Academic career	• Master Degree in Medical Bacteriology, King Saud University, 2014 • Bachelor Degree in Botany and Microbiology, King Saud University, 2011
Employment	● Work as researcher specialist at the prince naif centre for health sciences research 2015. • Teaching assistant of Biology, Al-Imam University, College of Sciences, Riyadh, 20017. • Lecturer of Biology, Al-Imam University, College of Sciences, Riyadh, 2018.
Research and development projects over the last 5 years	● Scientific article entitled Olive Leaf Extract Trigger Defence Physiological Markers in Datura metel against Tobacco Mosaic Virus ,Department of Botany and Microbiology, College of Sciences , King Saud University, Vol.8(1),P.825-842, Journal of pure and applied microbiology ,February 2014. ●Present a paper entitled (Antibacterial Activity Of Aqueous Extract Of Artemisia Monosperma against some pathogenic Bacterial Species) at the international Conference on Natural Science and Environment(ICNSE) held at Istanbul , Turkey on 20th – 21th July , 2018 .
Industry collaborations over the last 5 years	None
Patents and proprietary rights	None
Important publications over the last 5 years	●Scientific article entitled Olive Leaf Extract Trigger Defence Physiological Markers in Datura metel against Tobacco Mosaic Virus, Department of Botany and Microbiology, College of Sciences, King Saud University, Vol.8(1),P.825-842, Journal of pure and applied microbiology ,February 2014. https://scholar.google.com/citations?user=MTEd0lwAAAAJ&hl=ar
Activities in specialist bodies over the last 5 years	None

Name	*Latifah abdullah alsheddi*
Post	*Lecturer*
Academic career	*M.Sc. in Botany* *King Saud University* *2015* *B.Sc. in Botany/Microbiology* *King Saud University* *2007*
Employment	*Lecturer* *IMSIU -Saudi Arabia* *2017 – Present* *Teaching Assistant* *IMSIU - Saudi Arabia* *2011-2017*
Research and development projects over the last 5 years	*NA*
Industry collaborations over the last 5 years	*Project title: NA* *Partners: NA*
Patents and proprietary rights	*NA*
Important publications over the last 5 years	• **Al-sheddi, L.** and Najat bokhari. Influence of gold and silver nanoparticles on the germination and growth of Mimusops laurifolia seeds in the South-Western regions in Saudi Arabia. Saudi journal of biological sciences.27 (2020):574-580. • Ali Ltifi, Sonia Mansouri, Faouzi Haouala and **Latifah Al-sheddi**. Interactive genotypic of Durum Wheat and *Aegilops tauschii* on their crossability and fertility of synthetic amphiploids. *International Journal of agriculture and biology. (2018) Vol. 20, No.8: 1833-1838.* *For more information about research productivity:* *Google Scholar Link:* *https://scholar.google.com/citations?hl=ar&user=-NATwAoAAAAJ* *https://www.researchgate.net/profile/Latifah-Alsheddi*
Activities in specialist bodies over the last 5 years	*NA*