

Dr. Jawaher saad almuteri

General Botany in Northern Border University in saudi

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Work Experience



Technican laboratory -taibah university

2016 to 2017 (one year)

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- Working on extracting protein from plants in master's degree experiments at Taibah University
- Work on studying the state of chromosomes in plants through master's degree experiments at Taibah University
- **Medical laboratory technician in** microbiology at the Obstetrics and Gynecology Hospital in 2011

Technican laboratory |ksu university

2021 to 2022(1 year, 2 months)

- The possibility of obtaining plant extracts from leaves in various ways
- The possibility of studying and examining pollen grains using an optical microscope
- Use (NCBI) to identify plant species through their genetic sequence extracted from plastids or DNA>
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Skills & Specialization

- Preparing and preserving plant dyes and standard solutions
- Research in a scientific way
- Use some plant laboratory equipment well.

Volunteer Work and Affiliations

*Certificate of community health
volunteer training program*

Education History



Master of Science in General Botany | Taibah University

Class of 2017



Bachelor of Science in Microbiology | Taibah University

Class of 2011



ph.D of General botany in university class of 2023

courses & workshop

- Scientific experiment design course.
- DNA extraction workshop.
- Infographics: Converting data into drawings and pictures.
- National Authority for Wildlife Protection workshop.
- Black seed workshop is a cure for every disease.
- The Seven Habits of Highly Effective People workshop.
- DNA extraction and PCR technology workshop
- Basic medication safety online course
- Neuromodulation in severe pain conditions
- Pathogenesis of type 2 diabetes
- Technical aspects of mechanical ventilators for covid19 patients.
- Cervical spine fractures importance and updates.
- Continuum of pain management
- Anti covid19 convalescent plasma therapy
- Metabolic surgery -mini gastric bypass
- We presented it through inThe 1st International Forum and Exhibition For Sustainable Agriculture (IFESA) tow paper.

Scientific publishing

- 1- Macro and micromorphological characteristics of *Ruellia* L. species in the kingdom Saudi Arabia publishing in (International Journal of Botany Studies)
- 2-Cystoliths and their Taxonomic Importance of *Ruellia* L. (Acanthaceae) The kingdom Saudi Arabia publishing in (international journal of science and research)
- 3- Micromorphological characteristics of pollen grains of *Ruellia* L. (Acanthaceae) in Saudi Arabia publishing in (Pakistan journal of botany)
- 4- Cytological and Biochemical Responses of *Vicia faba* L. to *Origanum majorana* L. Extract Under Water Deficit Conditions. publishing in (Egyptian Journal Experimental Biology)

5-Identification of the taxonomic characteristics and DNA-barcoding of *Ruellia* L. (Acanthaceae) in SaudiArabia (thesis was submitted requirements for the Ph.D)

6- The effect of antioxidants in *Organum marjoram* on faba bean(*vicia faba*) plants grown under drought conditions (thesis was submitted requirements for the master)

اتأثير مضادات الأكسدة في مستخلص نبات البردقوش على معدل انقسام خلايا جذر نبات الفول *Vicia Faba* L. لنأى تحت ظروف الجفاف في مجلة الفنون والأدب وعلوم الإنسانيات والاجتماع: كلية الإمارات للعلوم التربوية

Morphological characterization and DNA barcoding of *Ruellia* sp. in Saudi Arabia(plos one)