

سيره ذاتيه

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اللغات: العربية والإنجليزية تحدثا وكتابة

الديانة: الإسلام

المراحل التعليمية

١٩٦٩-١٩٧٤ مدرسة كسلا الابتدائية

١٩٧٥-١٩٧٨ مدرسة الخرطوم بحري المتوسطة

١٩٧٩-١٩٨٢ مدرسة الخرطوم الثانوية

المراحل الجامعية

بكالوريوس العلوم البيطرية، جامعة الخرطوم، كلية العلوم البيطرية ١٩٨٧.

ماجستير العلوم البيطرية، جامعة الخرطوم، كلية العلوم البيطرية، ١٩٩٠.

دكتوراه العلوم البيطرية، جامعة الخرطوم، كلية العلوم البيطرية، ١٩٩٧.

النشاطات البحثية

التأثير السمي لبعض النباتات و مستخلصاتها مثل نبات المر علي الحيوانات مثل الفئران والدواجن والماعز وتشمل دراسة الكيمياء الحيوية والانسجه وتحليل الدم كذلك تأثير المستخلص علي بعض أنواع البكتريا سالبة الجرام مثل *Escherichia coli*, *Pseudomonas aeruginosa* والبكتيريا موجبة الجرام مثل *Bacillus subtilis*, *Staphylococcus aureus* والفطريات مثل خمائر *Canidida albicans*.

إستخدام التفاعل السلسلي البلمري لدراسة التغيرات الوراثية في الغزلان العربية من خلال دراسة الجينات بالميتوكوندريا وإستخدام التوابع الدقيقة (Microsatellites) وكذلك إستخدام تقنية التفاعل السلسلي البلمري لتشخيص الأمراض التي تصيب الحيوانات الفطرية والحيوانات المستأنسة بالملكة العربية السعودية. وفي هذا السياق تمت دراسة تخيص أمراض الحمى المالطية في الغزلان العربية والإبل ومرض السل الرئوي في الحيوانات وفي الطيور ومرض التسمم الدموي في الحيوانات الفطرية والمستأنسة. ومن خلال هذا العمل يتم التعرف على العترات المختلفة بعد فك السلاسل النيتروجينية المكونة للجينات المختلفة للكائنات الحية. دراسة وبائية إنفلونزا الطيور بين

الطيور في مركز الملك خالد والطيور المهاجرة وذلك بإستخدام تفاعل النسخ العكسي للتفاعل السلسلي البلمري (RT-PCR) .

تشخيص أمراض الحيوان المختلفة باستخدام تقنية الاحماض النووية. التعرف على الطفيليات التي تصيب الحيوانات باستخدام التقنيات الحديثة بما في ذلك التفاعل السلسلي البلمري وتحديد السلاسل النيروجينية المكونة للجينات المختلفة.

التدريب

- مساعد باحث في المجلس القومي للبحوث، الخرطوم السودان خلال فترة الماجستير ١٩٨٨-١٩٩٠.
- تدريس مادة الطب والأدوية والسموم لطلاب السنة النهائية بكلية العلوم البيطرية بجامعة الخرطوم خلال الفترة ١٩٨٨-١٩٩٠ والفترة ١٩٩٦-١٩٩٧.
- كورس تدريبي بمعهد علوم الحيوان التابع لجمعية لندن لعلوم الحيوان بلندن في أساسيات الأحياء الجزيئية وإستخدام التفاعل السلسلي البلمري (Polymerase Chain Reaction) لدراسة الجينات المختلفة والعلاقات الوراثية بين الأنواع المختلفة من الكائنات الحية خاصة الغزلان العربية والحيوانات المهددة بالإنقراض بالمملكة العربية السعودية. وكذلك أساسيات فك السلاسل النيروجينية المكونة للأحماض النووية في الفترة ١٩٩٥-١٩٩٦.
- العمل في مختبرات مركز الملك خالد لأبحاث الحياة الفطرية بالثمامة في أقسام الوراثة الجزيئية والكيمياء الحيوية والانسجة المريضة وقسم الدم والأحياء الدقيقة والطفيليات.

تم نشر العديد من الأبحاث التي قمت بها في الدوريات العالمية المتخصصة كما قمت بتقديم العديد من الأبحاث في محاضرات في مؤتمرات محلية ومحاضرات لمجموعات متخصصة كمجموعة الرياض للكيمياء الحيوية بمستشفى الملك فيصل التخصصي. الإشراف على العديد من طالبات الماجستير والدكتوراة بقسم علم الحيوان.

الأوراق المنشورة

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