**CURRICULUM VITAE**

**Personal Information:**

|  |  |
| --- | --- |
| * Name: | Abdulwahed Fahad Alrefaei |
| * Position | Assistant Professor of Molecular Ecology and Epidemiology |
| * Address: | King Saud University - College of Science (Bldg. 5) - Dept. of Zoology P.O. Box 2455 Riyadh 11451 Saudi Arabia |
| * Office Phone: | 0114675914 |
| * Mobile Phone: | 0556994515 & 0504545131 |
| * Email: | [afrefaei@ksu.edu.sa](mailto:afrefaei@ksu.edu.sa) & afr145@hotmail.com |

**Academic Qualifications:**

|  |
| --- |
| * Doctor of Philosophy in Molecular Ecology and Epidemiology, The School of Biological Sciences at the University of East Anglia, September 2017. |
| * Master of Applied Ecology and Conservation, The School of Biological Sciences at the University of East Anglia, September 2012. |
| * Bachelor of Science, Zoology department, College of Science at King Saud University, September 2007. |

**Career History:**

|  |
| --- |
| * Assistant Professor, Zoology department, Faculty of Science, King Saud University, From March 2016 to present. |
| * Lecturer, Zoology department, Faculty of Science, King Saud University, From March 2016 to December 2017. |
| * Teaching assistant, Zoology department, Faculty of Science, King Saud University, From April 2008 to March 2016. |

**Certifications:**

|  |
| --- |
| * Certificate of SIDA (UK) Program Completion for new faculty members, October 2018. |
| * Deanship of Skills Development Certificate from King Saud University for new faculty members in the academic year 2017/2018, awarded upon completing 36 hours of training. |

**Awards:**

|  |
| --- |
| * Cultural Attaché Award (Award for Excellence) for the academic year 2013/2014 in United Kingdom**.** |
| * Cultural Attaché Award (Award for Excellence) for the academic year 2014/2015 (1) in United Kingdom. |
| * Cultural Attaché Award (Award for Excellence) for the academic year 2014/2015 (2) in United Kingdom. |
| * Cultural Attaché Award (Award for Excellence) for the academic year 2015/2016 (1) in United Kingdom. |
| * Cultural Attaché Award (Award for Excellence) for the academic year 2015/2016 (2) in United Kingdom. |
| * Cultural Attaché Award (Award for Excellence) for the academic year 2016/2017 in United Kingdom. |
| * Award from His Highness Prince Mohammed bin Nawaf bin Abdulaziz – Saudi Ambassador in United Kingdom 2015. |
| * Award from the General Authority of Meteorology & Environmental protection for Excellence in Environmental Work in 2019 in Saudi Arabia. |

**Training and Workshops:**

|  |
| --- |
| * Training School: Genotyping by sequencing 3-4 Nov 2014 held at The Genome Analysis Centre (TGAC), Norwich, UK. |
| * Workshop on: Environmental Genomics and Advanced Microbiological Techniques, jointly sponsored by the NERC EnvEast and the BBSRC Norwich Biosciences Doctoral Training Partnerships, from Tuesday 12th - Thursday 14th May 2015 held at the University of East Anglia (UEA), Norwich, UK |
| * Advanced courses and scientific conferences: Working with Parasite Database Resources’ held at the Wellcome Genome Campus, Hinxton, Cambridge from 18-23 October 2015. |
| * Administrative leadership course 16 May 2015 held at University of East Anglia, UK. |
| * Design and construction of the course, which was held at King Saud University, during the period of 5-6/2/2018 (10 hours). |
| * Course on effective teaching, which was held at King Saud University, during the period of 13-15/2/2018 (15 hours). |
| * Evaluating learning outcomes, which was held at King Saud University, during the period of 4-5/3/2018 (10 hours). |
| * Curriculum and Enhancement of Employment Skills, which was held at King Saud University, during the period of 13/3/2018 (5 hours). |
| * Micro Teaching, which was held at King Saud University, during the period of 3/4/2018 (5 hours). |
| * International Standard (ISO 9001:2015), which was held at King Saud University, during the period of 9-11/4/2018 (15 hours). |
| * Coaching for Academic Leaders, which was held at King Saud University, during the period of 2/4/2018 (2 hours). |
| * Improving Student Motivation, which was held at King Saud University, during the period of 6/9/2018 (4 hours). |
| * Basics of academic leadership, which was held at King Saud University, during the period of 31/10-1/11/2018 (10 hours). |
| * Competencies of professional teaching, which was held at King Saud University, during the period of 5/11/2018 (5 hours). |
| * Strategies for Student Motivation, which was held at King Saud University, during the period of 19/11/2018 (5 hours). |
| * Scientific Council Services for Faculty Member, which was held at King Saud University, during the period of 21/11/2018 (3 hours). * Coaching for Optimal Performance, which was held at King Saud University, during the period of 24/2/2019 (6 hours). |

* Learning Quality Management, which was held at King Saud University, during the period of 27-28/2/2019 (12 hours).

**Committee Memberships**

|  |
| --- |
| * Member of the Department of Zoology, December 13, 2017 to present. |
| * Member of the Academic Accreditation Committee 2018 to present. |
| * Coordinator of the Graduates Committee 2018 to present. |
| * Secretary of the Alumni Unit 2018 to present. |
| * Member of the Students Affairs Committee 2018 to present. |
| * Member of the Public relations and community partnerships committee 2018 to present. |
| * Secretary of the Zoology Department Council 2018 to present. |
| * Founding member of the Cooperative Association of Environment and Agriculture Media in Saudi Arabia, 2018. |
| * Member of Board of Directors Research Center College of Science, August 6, 2019 to present. |

**Research Interest:**

|  |
| --- |
| * Ecology, Molecular Ecology, Pollution, Biodiversity &Wild Conservation. |
| * Genetic classification (relationship), variation & evolution of Organisms. |
| * Genomes and parasites in the birds. |
| * Parasites/disease in the wild and domestic bird. |

**Conferences and Symposiums:**

|  |
| --- |
| * British Society for Parasitology, Spring Meeting, April 2015 at The BT Convention Centre, Liverpool, UK. Molecular Characterization of *Trichomonas gallinae* in British birds. **A. Alrefaei;** D. Bell; B. Lawson; K. Tyler. |
| * The 8th Saudi Students Conference, held on the 31st January and 1st February, 2015 at the Queen Elizabeth II Conference Centre, London, UK.Genotyping of *Trichomonas gallinae* in finches and pigeons. **A. Alrefaei;** D. Bell; B. Lawson; K. Tyler. |
| * The School of Biological Sciences Conference held on the 10th July 2015, at the University of East Anglian, Norwich, UK.Genotyping of *Trichomonas gallinae* in finches and pigeons. **A. Alrefaei;** D. Bell; B. Lawson; K. Tyler. |
| * The 9th Saudi Students Conference held on the 13th-14th February, 2016 at the International Convention Centre (ICC), Birmingham, UK. Genetic characterization of *Trichomonas gallinae* isolates by use of Multilocus Sequence Typing (MLST). **A. Alrefaei;** K. Tyler; B. Lawson; D. Bell. |
| * British Society for Parasitology Spring Meeting, 11th April -13th April 2016, held at Imperial College London, London, UK. Multilocus Sequence Typing (MLST) for genetic characterization of *Trichomonas gallinae* isolates. **A. Alrefaei;** K. Tyler; B. Lawson; D. Bell. |
| * European Molecular Biology Organization Conference, held on the 31st August and 3th September 2017, at the EMBO conference, Newcastle upon Tyne, UK: Impact of the genetic heterogeneity of *Trichomonas gallinae* on the molecular ecology of avian trichomonosis. **A. Alrefaei;** D. Bell; B. Lawson; K. Tyler. |
| * Saudi Falcons and Hunting Exhibition 2, October 2019, in Riyadh, Saudi Arabia. Canker (Trichomonosis) epidemic in the birds; Symptoms, Strains, and environmental transmission. **A. Alrefaei.** |

**Publications:**

|  |
| --- |
| * CHI, J. F., LAWSON, B., DURRANT, C., BECKMANN, K., JOHN, S., **ALREFAEI, A. F.,** KIRKBRIDE, K., BELL, D. J., CUNNINGHAM, A. A. & TYLER, K. M. **2013.** The finch epidemic strain of *Trichomonas gallinae* is predominant in British non-passerines. *Parasitology,* 140**,** 1234-1245. |
| * ZU ERMGASSEN, E. K., DURRANT, C., JOHN, S., GARDINER, R., **ALREFAEI, A. F.,** CUNNINGHAM, A. A. & LAWSON, B. **2016.** Detection of the European epidemic strain of *Trichomonas gallinae* in finches, but not other non-columbiformes, in the absence of macroscopic disease. *Parasitology,* 143**,** 1294-300. |
| * FAROOQ, H. A., KHAN, H. K., **ALREFAEI, A. F.,** & TYLER, K. M. **2018.** Endemic infection of the common mynah *Acridoheres tristis* with *Trichomonas gallinae* the agent of avian trichomonosis. *Parasitology,* 0031-1820. |
| * **ALREFAEI, A. F.,** GERHOLD, R. W., NADER, J. L., BELL, D. J., & TYLER, K. M. **2019.** Improved subtyping affords better discrimination of *Trichomonas gallinae* strains and suggests hybrid lineages. *Infection, Genetics and Evolution,* 73, 234-241*.* |
| * **ALREFAEI, A. F.,** BELL, D., JARDIM, R., DAVILA, A., GERHOLD, R., JOHN, S., STEINBISS, S., CUNNINGHAM, A., LAWSON, B., HALL, N., & TYLER, K. **2019**. Genomic analysis discriminates the epidemic finch strain of *Trichomonas gallinae* and reveals evidence of introgression between divergent trichomonad lineages. *Genome Biology and Evolution,* 11. 2391-2402*.* |
| * ALBESHR, M. F. & **ALREFAEI, A. F. 2019**. Isolation and characterization of novel *Trichomonas gallinae* ribotypes infecting Domestic and Wild birds in Riyadh, Saudi Arabia. *Avian Diseases*, 64. 130-134. |
| * TITI A., ALMUTAIRI S., **ALREFAEI A.,** MANOHARADAS S., ALQURASHY B., SAHU P., HAMMOUTI B., TOUZANI R., MESSALI M. & ALI I. **2020**. Novel phenethylimidazolium based ionic liquids: Design, microwave synthesis, in-silico, modeling and biological evaluation studies*. Journal of Molecular Liquids.* |
| * **ALREFAEI, A. F.,** LAWSON, B., JOHN, S., BARR I., CUNNINGHAM, A., TYLER, K. & BELL, D. **2020.** The European finch epidemic A1 genotype of *Trichomonas gallinae* is highly virulent in wild birds. (Articles in Press). |
| * MIKHLIDH.ALMUTAIRI, NOUF S. AL-NUMAIR, BADER O. ALMUTAIRI, **ABDULWAHED F. ALREFAEI,** Mahmoud Rouabhia; Narasimha Reddy Parine & abdelhabib Semlali, **2020.** A Possible Association between methylenetetrahydrofolate reductase (MTHFR) polymorphism and Smoking Behavior among Saudi Arabian population. Submitted to *Gene.* |
| * MANOHARADAS S., PRASAD D., ALTAF M., **ALREFAEI A.,** MAMKULATIL R., AHMED Y., & ABUHASIL M. **2020.** Staphylococcal biofilm formation is inhibited by Escherichia coli and pre-formed staphylococcal biofilm is disrupted by bacteriophage. (Articles in Press). |
| * SEMLALI A., ALMUTAIRI M., ALHARBI S., AL AMRI A., **ALREFAEI A.,** ALMUTAIRI B., & ROUABHIA M. **2020.** Impact of Expression and Single Nucleotide Polymorphisms of Thymic Stromal Lymphopoietin Receptor on Breast Cancer Progression. Submitted to BMC Cancer. |
| * ABDERAHIM T., RACHID T., ALMUTAIRI S., **ALREFAEI A.,** MANOHARADAS S., ALQURASHY B., SAHU P., & MESSALI M. **2020**. Novel phenethylimidazolium based ionic liquids: Design, microwave synthesis, in-silico, modeling and biological evaluation studies (Articles in Press). * **ALREFAEI A. 2020.** Molecular detection and genetic characterisation of Trichomonas gallinae in falcons in Saudi Arabia. Submitted to Journal of Wildlife Diseases. * **ALREFAEI A.,** ALBESHR, M., ALHARBI S., ALREFAEI A., ALMUTAIRI M., ALMUTAIRI B., NADER J., MANOHARADAS S. **2020** Molecular characterization of the Fe-hydrogenase gene marker in Trichomonas gallinae isolated from birds in Riyadh, Saudi Arabia. Submitted to Parasitology International. * ALOTAIBI A., AHMAD Z., FAROOQ M., ALBALAWI H., and **ALREFAEI A., 2020.** Phylogenetic analysis of three endogenous species of fish from Saudi Arabia verified that Cyprinion acinaes hijazi is a sub-species of Cyprinion acinaces acinases. Submitted to *Journal of King Saud University–Science.* |
|  |
|  |
|  |