

Curriculum Vitae



Position/Designation: Assistant Professor

Department: DBSC

College: CAS

University of Nizwa, Sultanate of Oman

Personal Information
Name: Aisha AmbuAli Marital Status: Married Email Address: Aisha.ambuAli@squ.edu.om Contact Numbers: 99888317
Academic Qualifications
PhD in Aqua-Vet Studies, MBA, BSc in Science
Teaching Activities, Current / Previous Experience
<ul style="list-style-type: none">○ Conservation Biology (BIOL110), Spring 2025, UoN, DBSC, CAS○ General Biology 1 (BIOL101), Spring 2025, UoN, DBSC, CAS.○ General Biology 1 (BIOL101), Fall 2024, UoN, DBSC, CAS.○ Marine Vertebrate Zoology (MSF3053), Spring 2022, SQU, MSF, CAMS○ Marine Science Practicum (MASF 3021), Spring 2022, SQU, MSF, CAMS○ Introductory Genetics (BIOL242), Fall 2019, UoN, DBSC, CAS○ Marine Vertebrate Zoology (MSF3053), Spring 2018, SQU, MSF, CAMS
Research Activities (includes but not limited to research interests, conference attendance, conference presentations and publications, refereed journal, articles ,books, ect.)
Research interests: Her research interests lie in advancing knowledge in biological sciences, particularly marine sciences, with a focus on histology, microbiology, cell biology, molecular biology, and fish diseases, aiming to enhance understanding of marine biodiversity, health, and sustainability Conference presentations: Posters and Oral Presentations <ol style="list-style-type: none">1. Aisha AmbuAli, Sean J Monaghan, Kevin McLean, Neil F Inglis, Michaël Bekaert, Stefanie Wehner, James E Bron. (2019). Identification of proteins from the secretory / excretory products (SEPs) of the branchiuran ectoparasite <i>Argulus foliaceus</i> (Linnaeus, 1758), The 19th International Conference on Diseases of Fish and Shellfish, 9-12th September 2019. Porto, Portugal.

2. **A. AmbuAli**, S. Monaghan, J. Taggart, J. Ireland, M. Betancor, S. Wehner, M. Bekaert, J. Bron. (2017). Expression of serpin and its role in feeding in the freshwater *Argulus foliaceus*, The Second GCC Marine Biotechnology Conference: Emerging Opportunities and Future Perspectives, 30 Oct – 1 Nov 2017, SQU, Oman.
3. **A. AmbuAli**, S. Monaghan, J. Taggart, J. Ireland, M. Betancor, S. Wehner, M. Bekaert, J. Bron. (2017). Expression of serpin and its role in feeding in the freshwater *Argulus foliaceus*, 18th International conference on diseases of fish and shellfish, 6th Sep 2017, North Ireland, UK.
4. **A. AmbuAli**, S. Monaghan, J. Taggart, J. Ireland, M, J. Bron. (2016). Expression of trypsin and prostaglandin e synthase 2 in the freshwater louse, *Argulus foliaceus* and their relevance to host-parasite interactions, The second meeting of the UK and Ireland EAFP branches 15th Sep 2016, Stirling University, UK
5. **Aisha AmbuAli**. (2016). Investigation of *Argulus foliaceus* associated feeding glands and pre-oral spine function(s), Schlumberger Foundation, Faculty for The Future Fellow Alumnae Forum, 30 Oct – 2 Nov 2016 Cambridge, UK.
6. **A. AmbuAli**, J. Taggart, J. Ireland, S. Wehner, M. Bekaert, J. Bron. (2016). Transcriptomic identification and characterisation of trypsin and prostaglandin E synthase 2 in the freshwater louse, *Argulus foliaceus*, The 11th International Sea Lice Conference, 26 Sep 2016. Westport, Ireland.
7. **A. AmbuAli**, G. Paladini, A. Shinn, C. Coates and J. Bron. (2015). Investigation of exocrine glands and pre-oral spine function in the freshwater louse *Argulus foliaceus* 24 March 2015. Edinburgh, UK.
8. **A. AmbuAli**, G. Paladini, A. Shinn, C. Coates and J. Bron. (2015). Investigation of exocrine glands and pre-oral spine function in the freshwater louse *Argulus foliaceus* Feb 2015. Stirling University, UK.
9. I.S. Al-Amri, I. Y. Mahmoud, C. P. Waring, A. Y. AlKindi, T. Khan, C. Bakheit, K. M. Al-Mawali, **A.A. Ambu Ali**. (2011). The Ovarian Cycle of the House Gecko *H. flaviviridis* in Oman in Relation to Steroid Hormonal Levels, Ultrastructural Steroidogenic Features and Progesterone Receptors. (Abstract). The Second World Congress on Reproductive Biology, Cairns, Australia 9 - 12 October 2011.
10. O. Mahjoub, I.T.Kadim, A.A. Al-Dhahab, R.B. Bello, I.S. Al-Amri, **A.A. Ambu Ali** and Samera Khalaf. (2008). An assessment of Omani native sheep fiber production and quality characteristics. (2008). Small Ruminant Production and Health in Arid & Semi-Arid Regions Conference, Muscat, Oman.
11. Tageldin M.H, Johnson E.H, Al Busaidi R.M, Al-Habsi K, Al-Amri I.S and **Ambu-Ali Aisha**, A.S and Al-Adawi Kowther. (2008). Pathological features of Caprine Arthritis Encephalitis in Omani goats: A light and electron microscope study. SQU, CAMS.
12. O. Mahjoub, I.T.Kadim, M.H.Tageldin, W.S. Al-Marzooqi, S.Q. Khalaf, **A. Ambu-Ali**. (2007). Effects of non-conventional feed on sheep health. 12th Seminar of the FAO-CIHEAM Sub-Network on Sheep and Goat Nutrition, Greece. 11-13 October 2007p 79.
13. Mahgoub, O., Isam Kadim, Issa Al-Amri & **Aisha Ambu Ali**. 2004. Assessment of fiber types in Omani native sheep wool using Electron microscopy. Oman's 1st Electron Microscopy Conference, SQU, Oman, March 2004.

Publications:

1. Morales-Ávila, José Raúl; Al-Jufaili, Sarah; Al-Rahbi, Waleed; **AmbuAli, Aisha**; Saldierna-Martínez, Ricardo J. (2021). Multifactorial causes of an emaciated wild *Lutjanus erythropterus* in Oman accepted for publication in Veterinary Record Case Reports. DOI: 10.1002/vrc2.215.
2. **AmbuAli, A.**, Monaghan, S. J., McLean, K., Inglis, N. F., Bekaert, M., Wehner, S., & Bron, J. E. (2020). Identification of proteins from the secretory/excretory products (SEPs) of the branchiuran ectoparasite *Argulus foliaceus* (Linnaeus, 1758) reveals unique secreted proteins amongst haematophagous ecdysozoa. *Parasites & vectors*, 13(1), 1-13.
3. **AmbuAli, A.**, Monaghan, S. J., Al-Adawi, K., Al-Kindi, M., & Bron, J. E. (2019). Histological and histochemical characterisation of glands associated with the feeding appendages of *Argulus foliaceus* (Linnaeus, 1758). *Parasitology international*, 69, 82-92.
4. Mcllwain, J., **Ambu-Ali, A.**, Al Jardani, N., Halford, A., Al-Oufi, H. and Feary, D. (2016). Demographic profile of an overexploited serranid, the orange-spotted grouper (*Epinephelus coioides*), from Northern Oman. *Fishery Bulletin*. 114 (4): pp. 490-502.

5. Yoon, G., Al-Saadi, N., & **Ambuali, A.** (2015). Gill histology of Nile tilapia *Oreochromis niloticus* following chronic and acute exposure to ammonia. *Journal of Agricultural and Marine Sciences [JAMS]*, 20, 66-72.
6. AC Henderson, AJ Reeve, **A Ambu-Ali.** (2014) Microanatomy of the male and female reproductive tracts in the long-tailed butterfly ray *Gymnura poecilura*, an elasmobranch with unusual characteristics. *Journal of fish biology* 84 (2), 297-313
7. **Aisha AmbuAli**, Liath A. Jawad and Juma Al-Mamry (2011). Otolith Mass Asymmetry in the Adult Indian Mackerel *Rastrelliger kanagurta* (CUVIER, 1816), Collected from the Sea of Oman. *Asian Fisheries Science* 24: 426-431.
8. Juma Mohamed Al-Marmry, Laith Jawad and **Aisha AmbuAli** (2011). Fluctuating asymmetry in the otolith length and width of adult Indian mackerel *Rastrelliger kanagurta* (CUVIER, 1817) collected from Muscat waters at the Sea of Oman. *J. Black Sea/ Mediterranean Environment*. Vol.17 (3): 254-259.
9. L.A Jawad, **A. AmbuAli**, J.M. Al-Mamry, H.K.Al-Busaidi. (2011). Relationships between fish length and otolith length and weight of the Indian Mackerel *Rastrelliger kanagurta* (CUVIER,1817) collected from the Sea of Oman. *Ribarstvo*,69,(2),51-61.
10. K. P. Singh, Q. AL-Rawahi, **Aisha A. Ambuali**, Sami A. AL-Kalbani, M. Body, Nasir AL-Yahamadi, M. AL-Maawali and A. AL-Rawahi (2010) Malignant lymphoma in calves of local Omani cattle in an organized dairy farm. *Indian Journal of Veterinary Pathology* Vol.34 (2).
11. Ibrahim, F. S., Goddard, J. S., **Ambu Ali, A.**, & Rana, K. J. (2010). A histological study of maturity in male goldlined seabream *Rhabdosargus sarba* (Forskål, 1775) in the Oman Sea. *Journal of Applied Ichthyology*, 26(6), 892-897.)
12. Mahgoub, O., Kadim, I. T., Al-Dhahab, A., Bello, R. B., Al-Amri, I. S., **Ali, A. A. A.**, & Khalaf, S. (2010). An assessment of Omani native sheep fiber production and quality characteristics. *Journal of Agricultural and Marine Sciences [JAMS]*, 15, 9-14.
13. Mahgoub, O., Kadim, I. T., Tageldin, M. H., Al-Marzooqi, W. S., Khalaf, S. Q., & **Ali, A. A.** (2008). Clinical profile of sheep fed non-conventional feeds containing phenols and condensed tannins. *Small Ruminant Research*, 78(1-3), 115-122.
14. Mahgoub, O., Kadim, I. T., Tageldin, M. H., Al-Marzooqi, W. S., Khalaf, S., **Ali, A. A.**, & Al-Amri, I. (2008). Pathological features in sheep fed rations containing phenols and condensed tannins. *Journal of Animal and Veterinary Advances*, 7(9), 1105-1109.
15. Henderson, A. C., McIlwain, J. L., Al-Oufi, H. S., & **Ambu-Ali, A.** (2006). Reproductive biology of the milk shark *Rhizoprionodon acutus* and the bigeye houndshark *Iago omanensis* in the coastal waters of Oman. *Journal of fish biology*, 68(6), 1662-1678.1662-1678 ,68 .
16. Musallam, A. S., Rashid, A. A., Al-Shuaily, S. S., & **Ambu-Ali, A. A.** (2006). Observations on the fecundity and gonadosomatic index (GSI) of the Omani-Indian Oil sardine *Sardinella longiceps* (Valenciennes 1847). *Pak J Biol Sci*, 9, 700-2.
17. Tageldin, M. H., Johnson, E. H., Al-Amri, I. S., & **Aisha, A. A.** (2006). Cutaneous tumor-like Lesions associated with Poxvirus infection in laughing doves (*Streptopelia senegalensis*). *Journal of Avian Medicine and Surgery*, 20(2), 94-96.
18. Claereboudt, M. R., McIlwain, J. L., Al-Oufi, H. S., & **Ambu-Ali, A. A.** (2005). Patterns of reproduction and spawning of the kingfish (*Scomberomorus commerson, Lacépède*) in the coastal waters of the Sultanate of Oman. *Fisheries Research*, 73(3), 273-282.

Projects:

1. Management of Oman's kingfish fishery Oman funded by National Fisheries Research Fund of Ministry of Agriculture & Fisheries. (1999-2002).
2. An examination of the life-history parameters of the common grouper, *Cephalopholis hemisitikos* and its application to fisheries management funded by SQU. (2002-2004)
3. Assessment of the Grouper Fishery of Oman funded by National Fisheries Research Fund of Ministry of Agriculture & Fisheries. (2004-2006).
4. Biometric of the Indian oil sardine *Sardinella longiceps* val. along the cost of Oman funded by SQU. (2004-2006).

<ol style="list-style-type: none"> 5. Survey, Status and Utilisation of the Elasmobranchs Fisheries Resources of the Sultanate of Oman funded by National Fisheries Research Fund of Ministry of Agriculture & Fisheries. (2002-2004) 6. Caprine Arthritis encephalitis Virus (CAEV): a pathological and serological study. (2005-2007). 7. Baseline study on the reproductive biology of the Brown Mussel in the Sultanate of Oman. (Oct.2007-Oct2008) 8. The Assessment of King Fish (2008- 2010) 9. Biology, Reproduction, Growth and Age of Indian Mackerel <i>Rastrelliger kanagurta</i>. (2008-2009) 10. Baseline study on the Reproductive Biology of the Brown Mussel (<i>Perna perna</i>) in the Sultanate of Oman. (Oct. 2010-Aug.2012) 11. An examination of the life-history parameters of the common Emperor fish <i>Lethrinus miniatus</i> from A'Sharqiyah rejoin (2017-2018) 12. Pathology Monitoring and establishing pathogen database at Quriyat marine finfish cage farm funded by Blue water Oman Aquaculture. (2018-2019) 13. Oman coral histopathology project (2019-2023)
Faculty Administrative Experience
Department Supervisor, College of Agriculture & Marine Science, MSF, SQU, Good management and Leadership.
Community Services
<ul style="list-style-type: none"> • Participation on the Fishermen's Open Day (SQU) from the College of Agriculture & Marine Sciences, 2002, 2004, 2007 • Participation on Scientific Publication for Fisheries Research from the Ministry of Agriculture & Fisheries Wealth, 2011 and 2012.
Consultancy Activities
<ul style="list-style-type: none"> • Consultation in Basic Histology Techniques and Samples Preparations funded by A'Sharqiyah University. (2018) • Organize a consultation & training programme in Histology for a staff from the Marine Science & Fisheries Centre (Ministry of Fisheries Wealth) to establish their histology laboratory from 2-27Jan 2010.
Membership in Professional Bodies
<ul style="list-style-type: none"> ○ Biosafety Committee, CAMS, SQU, 2022. ○ Annual Report Committee member, CAMS, SQU, 2018,2019 and 2020. ○ CAMS Follow-up officer of The Joint Committee between Sultan Qaboos University and the Ministry of Agriculture and Fisheries, 2019.
Awards and recognitions
<ul style="list-style-type: none"> ○ 2015-2016, Schlumberger Faculty for the Future Fellowship Award ○ 2016-2017, Schlumberger Faculty for the Future Fellowship Award ○ May 2015, Commendation letter from the Culture Attaché office, Embassy of Sultanate Oman in London, commended the achievement of securing the Schlumberger Faculty for the Future Fellowship Award. ○ September 2012, Awarded appreciation certificate for participation on Scientific Publication for Fisheries Research from the Ministry of Agriculture & Fisheries Wealth. ○ October 2011, Awarded appreciation certificate for participation on Scientific Publication for Fisheries Research from the Ministry of Agriculture & Fisheries Wealth.

- **November 2007**, Awarded appreciation certificate for my participation on the Fishermen's Open Day (SQU) from the College of Agriculture & Marine Sciences.
- **April 2004**, Awarded appreciation certificate for my participation on the Fishermen's Open Day (SQU) from the College of Agriculture & Marine Sciences.
- **March 2002**, Awarded appreciation certificate for my participation on the Fishermen's Open Day (SQU) from the College of Agriculture & Marine Sciences.
- **September 2002**, Awarded OUTSTANDING STAFF AWARD (CAMS).