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CURRICULUM VITAE



A. BUTIR-BUTIR PERIBADI ***(Personal Details)***			
Nama Penuh *(Full Name)*	Awang Hazmi Bin Awang Junaidi		Gelaran *(Title):* Dr.
No. MyKad / No. Pasport *(Mykad No. / Passport No.)*	Warganegara *(Citizenship)* Malaysia	Bangsa *(Race)* Malay	Jantina *(Gender)* Male
Jawatan *(Designation)*	Senior Lecturer	Tarikh Lahir *(Date of Birth)*	16 November 1981

Alamat Semasa *(Current Address)*	Jabatan/Fakulti *(Department/Faculty)*	E-mel dan URL *(E-mail Address and URL)*
Department of Veterinary Preclinical Sciences, Facuty of Veterinary Medicine, Universiti Putra Malaysia, 43400 UPM Serdang, Selangor Darul Ehsan. Tel: 03 97693415	Department of Veterinary Preclinical Sciences, Facuty of Veterinary Medicine, Universiti Putra Malaysia, 43400 UPM Serdang, Selangor Darul Ehsan. Tel: 03 97693415 Fax: 03 97691971	E-mail: awanghazmi@upm.edu.my URL: H/P: 019 2205273

B. KELAYAKAN AKADEMIK ***(Academic Qualification)***			
Nama Sijil / Kelayakan *(Certificate / Qualification obtained)*	Nama Sekolah Institusi *(Name of School / Institution)*	Tahun *(Year obtained)*	Bidang pengkhususan *(Area of Specialization)*
Doctor of Philosophy	University of Saskatchewan	2019	Veterinary Biomedical Sciences
Master of Veterinary Science	Universiti Putra Malaysia	2010	Anatomy
Graduate Diploma	National University of Singapore	2007	Tissue Banking
Doctor of Veterinary Medicine	Universiti Putra Malaysia	2005	Veterinary Medicine

C. TIGA (3) FOKUS BIDANG PENYELIDIKAN ***(Research Focus Area)***
Reproductive Biology
Stem Cell and Regenerative Medicine
Tissue Banking

D. PENGALAMAN SAINTIFIK DAN PENGKHUSUSAN ***(Scientific experience and Specialisation)***				
Organization	*Position*	*Start Date*	*End Date*	*Expertise*
World of Association of Veterinary Anatomist (WAVA)	Member	2022	present	Veterinary anatomy

Microscopy Society Malaysia	Member	2021	present	Microscopy
Tissue Engineering Society of Malaysia (TESMA)	Member	2008	2009	Tissue engineering and regenerative medicine

E. SENARAI PENERBITAN (Sila masukan nama pengarang, tajuk, nama jurnal, jilid, muka surat dan tahun diterbitkan) *(List of publications – author (s), title, journal, volume, page and year published)*	
Journal	Lope Abdul Rashid, N, Mazlan, M, Abdul Razak, I, Mohd Zohdi, R, **& Awang Junaidi, A** (2026). Morphology and histology of the developing ovary in Malaysian village chicken (Gallus gallus domesticus) chicks. Turkish Journal of Veterinary & Animal Sciences 50 (2): 58-68. https://doi.org/10.55730/1300-0128.4411 Nazri, M. N. F. M., Mazlan, M., Ismail, M. F. S., Zohdi, R. M., & **Junaidi, A. H. A.** (2025). Endosulfan exposure reduced fertilization, hatching, and survival rate of the Lemon Fin barb hybrid eggs and larvae. *Journal of Applied Veterinary Sciences/Journal of Applied Veterinary Sciences*, *10*(1), 132–139. Rozaini M. Zohdi, Muhammad A. Adli, Shahida M. Mukhtar, **Awang H. Awang Junaidi,** Md Zuki A. Bakar (2024). Sygyzium claviflorum fruit extract preadipocyte differentiation inhibition in 3T3-L1 cells. Journal of Taibah University Medical Sciences, 19(6), 1181-1192 **Awang-Junaidi AH**, Yeoh BN, Wong ST, Sarkawi NN, Anuar WMK, Ariffin SMZ (2024). Degenerative joint disease in the skeletal remains of a captive bornean sun bear (*Helarctos malayanus euryspilus*). J. Anim. Health Prod. 12(4): 557-561. Zohdi RM, Adli MA, Mohsin HF, Mokhtar SM, Muhammad Low AL, **Junaidi AHA** and Jahrudin DHJ. (2023). GC-MS Analysis and Antibacterial Activity of Ethanolic and Water Extracts of Malaysian Heterotrigona itama Propolis Against Selected Human Pathogenic Bacteria. Malaysian Applied Biology, 52(2), 77–84. **Awang-Junaidi AH**, Fayaz MA, Goldstein S, and Honaramooz A (2022). Using a testis regeneration model, FGF9, LIF, and SCF improve testis cord formation while RA enhances gonocyte survival. Cell Tissue Res 389, 351–370. Ilias N, Zaki AHH, **Junaidi AHA**, Fong LS, Saufi I, Ajat M (2022) Palatability assessment of prescribed diets on domestic shorthair cats, Veterinary World, 15(3): 640-646. **Awang-Junaidi AH**, Fayaz MA, Goldstein S, Honaramooz A (2022) Brief exposure of neonatal testis cells to EGF or GDNF alters the regenerated tissue. Reprod Fertil 28:39-56.

	Fayaz MA, **Awang-Junaidi AH**, Singh J and Honaramooz A (2020) Long Term Monitoring of Donor Xenogeneic Testis Tissue Grafts and Cell Implants in Recipient Mice Using Ultrasound Biomicroscopy. Ultrasound Med Biol 48 (11): 3088 – 3103. **Awang-Junaidi AH**, Fayaz, MA, Kawamura E, Sobchisin L, MacPhee JD and Honaramooz A (2020) Live-cell imaging and ultrastructural analysis reveal remarkable features of cultured porcine gonocytes. Cell Tissue Res 381: 361–377. Mund SJK, Kawamura E, **Awang-Junaidi AH**, Campbell J, Wobeser B, MacPhee JD, Honaramooz A and Barber S (2020) Homing and Engraftment of Intravenously Administered Equine Cord Blood-Derived Multipotent Mesenchymal Stromal Cells to Surgically Created Cutaneous Wound in Horses: A Pilot Project. Cells 9(5): 1162. Ibtisham, F., **Awang-Junaidi, A.H**. and Honaramooz, A (2020). The study and manipulation of spermatogonial stem cells using animal models. Cell Tissue Res 380:393– 414. **Awang-Junaidi Awang Hazmi**, Singh Jaswant, Honaramooz Ali (2020) Regeneration of testis tissue after ectopic implantation of porcine testis cell aggregates in mice: improved consistency of outcomes and in situ monitoring. Reproduction, Fertility and Development 32, 594-609. Fayaz MA, **Awang-Junaidi AH**, Singh J, Honaramooz A. Validation of ultrasound biomicroscopy for the assessment of xenogeneic testis tissue grafts and cell implants in recipient mice. Andrology. 2020; 00: 1– 15. **Awang-Junaidi AH** and Honaramooz A. (2018). Optimization of culture conditions for short-term maintenance, proliferation, and colony formation of porcine gonocytes. Journal of Animal Science and Biotechnology 9:8. Villagomez DAF, Revay T, Donaldson B, Rezaei S, Pinton A, Palomino M, **Awang-Junaidi AH**, Honaramooz A and King WA. (2016). Azoospermia and testicular hypoplasia in a boar carrier of a novel Y-autosome translocation. Sexual Development 11(1): 46-51. **Awang-Junaidi AH**, Zuki ABZ, Noordin MM, Jalila A and Norimah Y (2008). Mineral and Physicochemical characterization of cockle shells as an alternative biomaterial for bone tissue engineering. Medical Journal of Malaysia. 63(A): 93-94. Nurul-Huda MZ, Zuki ABZ, Azhar K, Goh YM, Suhaimi H, **Awang-Junaidi AH** and Zairi MS. (2008). Proximate, elemental, and fatty acid analysis of pre-processed edible bird's nest (Aerodramus fuciphagus). A comparison between regions and types of nests. Journal of Food Technology. 6(1): 39-44.

	Awang-Junaidi AH, Zuki ABZ, Noordin MM, Jalila A, and Norimah Y. (2007). Mineral composition of the cockle (Anadara granosa) shells of the West Coast of Peninsular Malaysia and its potential as biomaterial for use in bone repair. Journal of Animal and Veterinary Advances 6(5): 591-594. Nor-Satinati S, Zuki ABZ, Zamri-Saad M, **Awang-Junaidi AH** and Saw PP. (2007). The response of gut associated lymphoid tissue (GALT) following intranasal administration of P. multocida type B2 in Rats. Journal of Animal and Veterinary Advances 5(11): 1029-1034. Anjas-Asmara S, Zuki ABZ, Mohd-Hair B and **Awang-Junaidi AH**. (2006). Gross and histological evaluation of fresh carcass: Comparison between slaughtered and cervical dislocated methods. Journal of Animal and Veterinary Advances 5(11): 1039-1042.
Chapter in book	Norimah Yusof and **Awang Hazmi Awang Junaidi** (2010) Interaction of Radiation with Tissues in Allografts Procurement, Processing and Transplantation in A Comprehensive Guide for Tissue Banks. (eds) A. Nather, N. Yusof and N. Hilmy. World Scientific Publishing Co.Pte. Ltd. (pg. 455-466). ISBN-13 978-981-4291-18-7.

F. PROJEK PENYELIDIKAN TERDAHULU*(Past Research Project)*

Project No.	*Project Title*	*Role*	*Year*	*Source of fund*	*Status*
GP-GIPP/2023/9752500	Elucidating the Efficacies, Safety and Toxicities of Cockle Shell-based Calcium Carbonate Nano-biocomposite as Contrast and Theranostic Agents for Angiography in Animal Model.	Member	2023	Universiti Putra Malaysia (GP-Geran Putra)	On going
GP-GIPP/2020/9323770	An expanding role of Veterinary diagnostic imaging in undergraduate veterinary education: case-based learning approach	Member	2020	Universiti Putra Malaysia (GP-GIPP)	On going
GP-IPM/2020/9687300	Cockle Shell-based Calcium Carbonate Aragonite Nanoparticles as Vascular Contrast Agent for Diagnostic and Theranostic Angiography Applications	Project leader	2020	Universiti Putra Malaysia (GP-IPM)	Completed