

**RAJA ILI AIRINA BIN RAJA KHALIF**

[airina@umk.edu.my](mailto:airina@umk.edu.my)

Lot 1678A, Blok Tumpat,  
Ayer Lanas,  
16700 Jeli, Kelantan.  
016-6778824



<b>I. KELULUSAN AKADEMIK/ACADEMIC QUALIFICATION</b>			
<b>Nama Sijil / Kelayakan (Certificate / Qualification obtained)</b>	<b>Nama Sekolah Institusi (Name of School / Institution)</b>	<b>Tahun (Year obtained)</b>	<b>Bidang pengkhususan (Area of Specialization)</b>
Doktor Falsafah/PhD	University of Southampton, UK	2016	Sains Haiwan, Biologi Reproduktif
Sarjana Sains/ Master of Science	Universiti Malaya, Malaysia	2010	Sains Haiwan, Bioteknologi Reproduktif Haiwan
Sarjana Muda Sains (Bioteknologi) /Degree of Science (Biotechnology)	Universiti Malaya, Malaysia	2006	Bioteknologi

<b>IV. PERSIDANGAN DAN LATIHAN/ CONFERENCES AND TRAINING</b>		
<b>Tahun (Year)</b>	<b>Jenis (Type)</b>	<b>Tempat (Venue)</b>
2017	Biotechnology in animal reproduction training course	Princess Naradhiwat University, PNU, Thailand
	Staff mobility	Princess Naradhiwat University, PNU, Thailand
2018	Inovasi MOOC, International Conference Media Literacy & Social Change (ICMEDLIT 2018)	Hotel Palace Golden Horses Kuala Lumpur.
	'Animal Husbandry Course For Students, Farmers And Community Empowered By MOOC Platform' Vitrification of in vivo fertilised mouse embryos at different embryonic stages using modified carrier	12 <sup>th</sup> SALAS Annual Conference

<b>V. PENYELIDIKAN/RESEARCH</b>		
<b>Tahun/Peranan Year/role</b>	<b>Jenis Geran/Type of grants</b>	<b>Status</b>

2018 (Member)	Geran MOA-UMK <b>(ABID)</b> : RM 500 000 “Projek Pembangunan Produk Industri” Agro-Based Industry Development Project	Nov 2018- October 2021 (On Going)
2017 (Member)	Skim Geran Penyelidikan Jangka Pendek (SGJP) from UMK, Malaysia Title : Characterisation and conservation of napier grass	Jun 2017- Jun 2018 (Completed)
2016 (Leader)	Skim Geran Penyelidikan Jangka Pendek (SGJP) from UMK, Malaysia Title: The effect of different cryoprotectant (CPA) after vitrification on different stage of oocytes	Jun 2016- Sept 2017 (Completed)

#### **VI. PERTANDINGAN DAN PENGHARGAAN/COMPETITION AND AWARDS**

<b>Tahun/Year</b>	<b>Pertandingan/Competition</b>	<b>Peringkat/Level</b>	<b>Pingat/Prize</b>
2020	Rabbitponics	Carnival Research Innovation	BRONZE
2020	PregnaMix: Modified herb	Carnival Research Innovation	BRONZE
2019	PregnaMix: Modified herb	Youthpreneur revolution and innovation challenge	GOLD & SPECIAL AWARD: BEST INNOVATION AWARD
2019	Rabbit rug	International Agro Innovation and Exhibition Competition (IAgroIEC) 2019	BRONZE
2019	Farmbuddy: Apps for farmer	International Agro Innovation and Exhibition Competition (IAgroIEC) 2019	BRONZE
2018	Poster presentation:  Modified carrier: an alternative tool for vitrification procedure for mouse embryos at different embryonic stages	Carnival Research Innovation	BEST POSTER PRESENTATION (SCIENCE)

	'Animal Husbandry Course For Students, Farmers And Community Empowered By MOOC Platform'	Inovasi MOOC, International Conference Media Literacy & Social Change (ICMEDLIT 2018)	BRONZE
	Vitrification of in vivo fertilised mouse embryos at different embryonic stages using modified carrier	12 <sup>th</sup> SALAS Annual Conference	BEST POSTER

#### VI. PENERBITAN/PUBLICATIONS

1. M. M., Syahmi, M. A. G., Airina, **R. I. R. K** and Abdullah R. B (2018). Performance of Male Crossbred (Saanen× Local) Goats Fed Concentrate Diet. *Pertanika Journal of Tropical Agricultural Science*. *Pertanika J. Trop. Agric. Sci.* 41 (1): pg 341 – 348. – *SCOPUS (indexed)*
2. M. A. Wahab, K. Mat, M. F. M. Nor., M. A. Adam, M. S. Ramli, N. D. Rusli, C. H. Hasnita, **R. I. A. R. Khalif** (2018). Comparative study of hatchability rate and egg quality between different strains of Japanese Quail (*Coturnix japonica*). *J. Trop. Resour. Sustain. Sci. J. Trop. Resour. Sustain. Sci.* (6): pg 68-72. - *Google Scholar (indexed)*
3. **R. I. A. R. Khalif**, N. Smyth, T. Fleming, M. A. Velazquez, B. Sheth and S. Smith (2014). The effect of vitrification on subsequent mouse embryo development and postnatal health. *Reproduction Abstracts* 1. Page 95. DOI: 10.1530/repabs.1.P095.
4. Aljahdali, **R. I. A. R. Khalif**, M. A. Velazquez, B. Sheth, N. Smyth and T. Fleming (2015). The effect of IVF and embryo culture on mouse development and adult health. *Reproduction Abstracts* 2 0008 DOI: 10.1530/repabs.2.P008.
5. **R. I. A. Raja Khalif**, M. M. Rahman, W. E. Wan-Khadijah and R. B. Abdullah (2014). Pregnancy diagnosis in goats by using two different ultrasound probes. *The Journal of Animal & Plant Sciences*, 24(4) pg 1026-1031

#### VI. PERUNDINGAN/CONSULTANCY

Syarikat (Company)	Jenis Syarikat (Types of Company)
Cartie Empire Enterprise	SSM (Mikro)
Koperasi Penternak Arnab Pedaging Kelantan (APEK)	Koperasi
Bachok Livestock	SSU (Mikro)
Yusof EcoFarm	SSU (Mikro)
Koperasi Usahawan Ternak Kelantan Berhad	Koperasi

<b>VII. KHIDMAT KOMUNITI/ <i>Community services</i></b>		
<b>Tahun/Peranan <i>Year/role</i></b>	<b>Program (Programme)</b>	<b>Peringkat <i>(Level)</i></b>
2019 (Director)	<b><i>MyThai 2.0</i></b> <ul style="list-style-type: none"> <li>- Community service 'Sehari Bersama Penternak' <i>(Featured in Sinar Harian)</i></li> <li>- International Agro Innovation and Exhibition Competition (IAgroIEC)</li> <li>- International Student mobility from Yala Rajabhat University (YRU)</li> <li>- Friendly match between UMK and YRU students</li> </ul>	International
2019 (Head of rabbit programme)	Agriculture Expo (AGX 2019) <ul style="list-style-type: none"> <li>- Collaboration with Koperasi Penternak Arnab Pedaging Kelantan (APEK)</li> <li>- Demonstration on rabbit management</li> </ul>	Universiti
2018 (Director)	<b><i>MyThai 1.0</i></b> <ul style="list-style-type: none"> <li>- Community service with students from princess Naradhiwas University (PNU)</li> <li>- Cultural night</li> </ul>	International
2018 (Member)	<b><i>Agropreneurial Week</i></b> <ul style="list-style-type: none"> <li>- Expo Keusahawanan Tani</li> <li>- <i>Smart Learn – GMP, HACCP &amp; HALAL : Understanding &amp; Implementing Training Course</i></li> <li>- Kursus Sembelihan (collaboration with JAHEIK)</li> <li>- Bengkel Pemurnian Syarikat</li> </ul>	Universiti
	<b>Program Pemerksaan Usahawan</b> <ul style="list-style-type: none"> <li>- Bicara Usahawan</li> <li>- From Farm to Table</li> <li>- Penyediaan Ikan Pekasam</li> </ul>	Universiti
	Program MyThai 1.0	International
2017	Bamboo World Xplorations 2017	National
	Agriculture Expo (AGX 2017)	National

	Sehari bersama Penternak Sungai Satan	Universiti
	Program Khidmat Masyarakat Bersama Penternak	Universiti
	<i>Bengkel Teknologi Haiwan</i> in collaboration with DVS, Kelantan	Universiti
	<i>Bengkel Peranian Beradas Lembu</i> in collaboration with DVS, Kelantan (Featured in Sinar Harian)	Universiti

## VII. PENYELIAAN/SUPERVISION

### 2019

- 1 Master student (3 semester)
- 2 Final year project students. Co-supervise by Persatuan Penternak Arnab Pedaging Kelantan (APEK) – co supervisor for Final year students .
- 3 Final year project students. Co-supervise by UniSZA – Dr Asmad Kari

### 2018

- 3 Final year project students with Princess Naradhiwass University (PNU), Thailand

### 2017

- 1 Final year project students. Co-supervise by UTAR – Assoc. Prof. Dr. Kwong Phek Jin (SGJP, supervisor for Final Year Project)
- 1 Final year project students. Co-supervise by UPM – Dr Mark Hiew Wen Han