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UNIVERSITI PUTRA MALAYSIA
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PUTRA
PERTANIAN UNTUK RAKYAT

UNIVERSITI DRIVEN RESEARCH PROGRAMME (UDRP)

35 UDRP



Berilmu Berbakti Pertanian • Inovasi • Kehidupan

**HOLISTIC
NATION
DEVELOPMENT**

**GLOBAL GAME
CHANGER IN
SOCIETAL IMPACT**
"WOMB TO TOMB"

**GLOBAL
PLAYER IN
FOOD
SECURITY**

**UPHOLD
PLANETARY
HEALTH**



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**GLOBAL
HALAL
CHAMPIONS**

**EXCEPTIONAL
LEADERS AND
TALENTS**

**INNOVATION
POWERHOUSE**

WORLD LEADER IN TROPICAL AGRICULTURE

ENABLERS

- Cutting Edge Technology
- Robust Funding Mechanism
- Efficient Innovation And Entrepreneur Ecosystem
- Strategic Global Collaboration
- Ethical Research Culture
- Strategic & Dynamic Talent Development

GUIDING PRINCIPLES

- **Berilmu** Berbakti
- **Sustainable Development Goals (SDGs)**
- Enhancing trans-disciplinary



A Global Player in Food Security



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No.	Research Framework	Research Programme	Faculty/Institute	Head of RP	Detail Dean/Director Office
1.	<i>Crop Improvement and Agricultural Productivity</i>	<i>Agriculture Transgenics</i>	Faculty of Biotechnology and Biomolecular Sciences	Prof. Dr. Ho Chai Ling Email : clho@upm.edu.my	Email: biotech_dean@upm.edu.my Telephone Number: 03-9769 1055 /+603-9769 1047
2.	<i>Precision Agriculture</i>	<i>Smart Farming</i>	Institute of Plantation Studies	Prof. Ts. Dr. Siti Khairunniza Bejo Email: skbejo@upm.edu.my	Email: dir.ikp@upm.edu.my Telephone Number: 03-9769 4260
3.	<i>Livestock Health and Production</i>	<i>Vaccine and Therapeutics</i>	Institute of Bioscience	Prof. Dr. Zunita Zakaria Email : zunita@upm.edu.my	Email: dir.ibs@upm.edu.my Telephone Number: 03 - 9769 3041
4.	<i>Sustainable Agriculture</i>	<i>Regenerative Agriculture for sustainable crop productivity [Biofertilizer, Biocides, Biochar]</i>	Faculty of Agriculture	Prof. Madya Dr. Susilawati Kasim Email : susilawati@upm.edu.my	Email: dean.agri@upm.edu.my Telephone Number: 03-9769 4802

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No.	Research Framework	Research Programme	Faculty/Institute	Head of RP	Detail Dean/Director Office
5.	Human Nutrition and Health	Overweight and Obesity	Faculty of Medicine and Health Science	Prof. Madya Dr. Chin Yit Siew Email : chinys@upm.edu.my	Email: dean.medic@upm.edu.my Telephone Number: 03 -9769 2602
6.	Aquaculture Technology	Aquaculture Management and Innovation	International Institute of Aquaculture and Aquatic Sciences	Prof. Dr. Murni Marlina Abd Karim Email : murnimarlina@upm.edu.my	Email: dir.i-aquas@upm.edu.my Telephone Number: 03-9769 8100
7.	Aquaculture Technology	Algae Advances	International Institute of Aquaculture and Aquatic Sciences	Dr. Nur Leena Wong Wai Sin Email : nurleena@upm.edu.my	Email: dir.i-aquas@upm.edu.my Telephone Number: 03-9769 8100
8.	Future Food	Functional Food Development & Future Food (Including Cell Culture Technology)	Faculty of Food Science and Technology	Prof. Dr. Anis Shobirin Meor Hussin Email : shobirin@upm.edu.my	Email: dean.food@upm.edu.my Telephone Number: 03-9769 8385/8367

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9.	<i>Crop Improvement and Agricultural Productivity</i>	<i>Coconut</i>	Faculty of Agriculture	Prof. Dr. Uma Rani A/P Sinniah Email : umarani@upm.edu.my	Email: dean.agri@upm.edu.my Telephone Number: 03-9769 4802
10.	<i>Human Nutrition and Health</i>	<i>Food Safety (including Food Traceability and Authenticity)</i>	Institute of Tropical Agriculture and Food Security	Prof. Madya Dr. Nor Khaizura Mahmud @ Ab Rashid Email : norkhaizura@upm.edu.my	Email: dir.ita@upm.edu.my Telephone Number: 03-9769 1043
11.	<i>Livestock Health and Production</i>	<i>Animal Feed and Production</i>	Institute of Tropical Agriculture and Food Security	Prof. Dr. Anjas Asmara Samsudin Email : anjas@upm.edu.my	Email: dir.ita@upm.edu.my Telephone Number: 03-9769 1043

No.	Research Framework	Research Programme	Faculty/Institute	Head of RP	Detail Dean/Director Office
1.	Technology Advancement for Economic Growth	Bio-based and Biotechnology Industry	Faculty of Biotechnology and Biomolecular Sciences	Prof. Dr. Mohd Shukuri Mohamad Ali Email : mshukuri@upm.edu.my	Email: biotech_dean@upm.edu.my Telephone Number: 03-9769 1055 /+603-9769 1047
2.	Technology Advancement for Economic Growth	Digital & ICT	Faculty of Computer Science and Information Technology	Dato' Prof. Dr. Shamala K. Subramaniam Email : shamala_ks@upm.edu.my	dean.fshtm@upm.edu.my 03-9769 6555
3.	Technology Advancement for Economic Growth	Nano Materials & Nanotechnology	Institute of Nanoscience and Nanotechnology	Prof. Dr. Ts. Suhaidi Shafie Email : suhaidi@upm.edu.my	Email : dir.ion2@upm.edu.my 03.9769.7533
4.	Technology Advancement for Economic Growth	Plantation Crops – Oil Palm, Rubber, Cocoa, Kenaf (upstream and downstream)	Institute of Plantation Studies	Prof. Dr. Wong Mui Yun Email : muiyun@upm.edu.my	Email : dir.ikp@upm.edu.my 03-9769 4260
5.	National Security	Cyber security	Institute of Mathematical Research	Prof. Ir. Dr. Aduwati Sali Email : aduwati@upm.edu.my	dir.inspem@upm.edu.my 03.9769.6872
6.	Technology Advancement for Economic Growth	Microalgae Biota Technology	Faculty of Agriculture	Prof. Dr. Natrah Fatin Mohd Ikhsan Email : natrah@upm.edu.my	dean.agri@upm.edu.my 03-97694802

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1.	<i>Sustainable Consumption and Production</i>	<i>Biomass Valorization and Biomass Energy (biomass e.g. municipal solid waste, lignocellulosic biomass, livestock biomass, etc)</i>	Faculty of Biotechnology and Biomolecular Sciences	Prof. Ts. Dr. Hidayah Ariffin Email : hidayah@upm.edu.my	Email: biotech_dean@upm.edu.my Telephone Number: 03-9769 1055 /+603-9769 1047
2.	<i>Sustainable Consumption and Production</i>	<i>Bioprocessing and Biomanufacturing (sustainable and greener processing methods for manufacturing products)</i>	Faculty of Biotechnology and Biomolecular Sciences	Prof. Dr. Rosfarizan Mohamad Email : farizan@upm.edu.my	Email: biotech_dean@upm.edu.my Telephone Number: 03-9769 1055 /+603-9769 1047
3.	<i>Sustainable Consumption and Production</i>	<i>Sustainable Management and Utilization of Tropical Plant Resources (forest plantation, kenaf, bamboo, oil palm, etc)</i>	Institute of Tropical Forestry and Forest Products	Prof. Dr. Zaiton Samdin Email : zaisa@upm.edu.my	Email: dir.introp@upm.edu.my Telephone Number: 03-9769 1880
4.	<i>EcoHealth</i>	<i>Bioremediation and conservation</i>	Faculty of Biotechnology and Biomolecular Sciences	Prof. Dr. Mohd. Yunus Abd. Shukor Email : mohdyunus@upm.edu.my	Email: biotech_dean@upm.edu.my Telephone Number: 03-9769 1055 /+603-9769 1047
5.	<i>Sustainable Consumption and Production</i>	<i>Eco-friendly Alternatives (materials e.g. biopolymer & biocomposites, process, food, construction/building)</i>	Institute of Tropical Forestry and Forest Products	Prof. Ir. Dr. Khalina Abdan Email : khalina@upm.edu.my	Email: dir.introp@upm.edu.my Telephone Number: 03-9769 1880
6.	<i>Clean Water and Air Quality Management</i>	<i>Emerging Pollutant (including microplastic, air quality)</i>	International Institute of Aquaculture and Aquatic Sciences	Prof. Dr. Ahmad Zaharin Aris Email : zaharin@upm.edu.my	Email: dir.i-aquas@upm.edu.my Telephone Number: 03-9769 8100



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7.	<i>One Health</i>	<i>One Health</i>	Faculty of Veterinary Medicine	Prof. Dr Goh Yong Meng Email : ymgoh@upm.edu.my	Email: dean.vet@upm.edu.my Telephone Number: 03 - 9769 3888
8.	<i>EcoHealth</i>	<i>Biodiversity and conservation</i>	Faculty of Science	Prof. Madya Dr. Nur Ain Izzati Mohd Zainudin Email : ainizzati@upm.edu.my	Email: dean.science@upm.edu.my Telephone Number: 03-9769 6601/6632
9.	<i>EcoHealth</i>	<i>Climate Change Mitigation and Adaptation</i>	Institute of Ecosystem Science Borneo	Dr. Syeed Saifulazry Osman Al-Edrus Email : saifulazry@upm.edu.my	Email: saifulazry@upm.edu.my Telephone Number: 08-6855 201

Global Game Changer in Societal Impact



No.	Research Framework	Research Programme	Faculty/Institute	Head of RP	Detail Dean/Director Office
1	Health and Well-being	Brain and Mental Health	Faculty of Medicine and Health Science	Prof. Dr. Ling King Hwa Email : ikh@upm.edu.my	Email: dean.medic@upm.edu.my Telephone Number:03 -9769 2602
2	Health and Well-being	Natural Products and Health	Institute of Bioscience	Prof. Madya ChM. Dr. Siti Munirah Mohd Faudzi Email : sitimunirah@upm.edu.my	Email: dir.ibs@upm.edu.my Telephone Number:03 - 9769 3041
3	Community Development and Empowerment	Youth Well Being	Institute for Social Science Studies	Prof. Dr. Ismi Arif Ismail Email : ismi@upm.edu.my	Email: dir.ipsas@upm.edu.my Telephone Number: 03.9769 7876
4	Education and Human Development	Lifelong Learning and Re-skilling	Faculty of Educational Studies	Prof. Madya Dr. Lilliati Ismail Email : liliati@upm.edu.my	Email: dean.educ@upm.edu.my Telephone Number:03-9769 8210
5	Community Development and Empowerment	Resilient and Optimal Ageing	Malaysian Research Institute of Ageing	Prof. Dr. Chan Yoke Mun Email : cym@upm.edu.my	Email: dir.ippm@upm.edu.my Telephone Number:03-9769 2750

Research Programme University Driven

Global Halal Champion



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1	<i>Halal Science and Technology</i>	<i>Food Formulation and Processing</i>	Halal Products Research Institute	Prof. Ir. Dr. Yus Aniza Yusof Email : yus.aniza@upm.edu.my	Email: dir.halal@upm.edu.my Telephone Number: 03-9769 1952
2	<i>Halal Supply Chain Management</i>	<i>Halal Authentication</i>		Dr. Amalia Mohd Hashim Email : amalia@upm.edu.my	
3	<i>Halal Supply Chain Management</i>	<i>Technology integration (blockchain, AI, IoT) to improve halal traceability and efficiency</i>		Dr. Yazid Yaakob Email : yazidakob@upm.edu.my	
4	<i>Halal Science and Technology</i>	<i>Halal healthcare and wellness (pharmaceutical, implants, diagnostic tools, medical devices, cosmeceutical, nutraceutical)</i>		Dr. Norhasnida Zawawi Email : norhasnida@upm.edu.my	

Detail Director Research Institute Office



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No.	Research Institute	Name	Detail Email/Tel. Number
1	Institute of Bioscience (IBS)	Prof. Dr. Zunita Zakaria	Email: dir.ibs@upm.edu.my Tel.No : +603-9769 3041 Website: https://ibs.upm.edu.my/
2	Institute of Tropical Forestry and Forest Products (INTROP)	Prof. Ir. Dr. Khalina Abdan	Email: dir.introp@upm.edu.my Tel. No:+603-9769 1880 Website: https://introp.upm.edu.my
3	Institute of Tropical Agriculture and Food Security (ITAFoS)	Prof. Dr. Anjas Asmara Samsudin	Email: dir.ita@upm.edu.my Tel. No: +603-03-9769 1043 Website: https://itafos.upm.edu.my
4	Halal Products Research Institute (IPPH)	Prof. Dr. Awis Qurni Sazili	Email: dir.halal@upm.edu.my Tel. No:+603-9769 1952 Website: https://halal.upm.edu.my/

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No.	Research Institute	Name	Detail Email/Tel. Number
5	Institute of Ecosystem Science Borneo	Dr. Syeed SaifulAzry Osman Al Edrus	Email: dir_ieb.upms@upm.edu.my Tel. No: - Website: https://sarawak.upm.edu.my/kandungan/direktori_institut_ekosains_borneo-46711?L=en
6	Institute of Nanoscience and Nanotechnology (ION2)	Prof. Ir. Ts. Dr. Suhaidi Shafie	Email: dir.ion2@upm.edu.my Tel. No: +603-9769 3000 Website: https://ion2.upm.edu.my/
7	Institute of Plantation Studies	Prof. Ts. Dr. Siti Khairunniza Bejo	Email: dir.ikp@upm.edu.my Tel. No: +603-9769 4260 Website: https://ikp.upm.edu.my
8	International Institute of Aquaculture and Aquatic Science	Prof. Dr. Ahmad Zaharin Aris	Email: dir.i-aquas@upm.edu.my Tel.No : +606-644 8601 Website: https://i-aquas.upm.edu.my

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No.	Research Institute	Name	Detail Email/Tel. Number
9	Institute for Mathematical Research	Prof. Ir. Dr. Aduwati Sali	Email: dir.inspem@upm.edu.my Tel.No : +603-9769 6872 Website: https://inspem.upm.edu.my
10	Institute for Social Science Studies	Prof. Dr. Haslinda Abdullah	Email: dir.ipsas@upm.edu.my Tel. No: +603-9769 7876 Website: https://ipsas.upm.edu.my
11	Malaysian Research Institute on Ageing (MyAgeing®)	Assoc. Prof. Dr. Rahimah Ibrahim	Email: dir.ippm@upm.edu.my Tel. No: +603-9769 2750 Website: https://myageing.upm.edu.my/



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