

CURRICULUM VITAE



Name: Che Norma Bt. Mat Taib
Position: Associate Professor
Department: Human Anatomy
Faculty of Medicine and Health Sciences
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SCOPUS ID:

<https://scholar.google.com/citations?user=45fnQzoAAAAJ&hl=en>

Education

1. DVM
2. MSc, MMedSc
3. PhD

Areas of Interest

1. Human Anatomy
2. Neuroanatomy
3. Animal behavioural
4. Forensic science
- 5.

Professional Qualification/ Membership/ Affiliation

1. Neuroscience Society Malaysia, Life member
2. Laboratory Animal Science Association of Malaysia (LASAM), Life member
3. Malaysian Anatomical Association (MAA), Life member
4. Akta Doktor Veterinar 1974 Seksyen 17(6) by Malaysian Veterinary Council
5. Kementerian Pendidikan Malaysia
<http://eipts.moe.gov.my> Teaching Permit (starting 19.12.2018 - now)

Appointments (Inside and Outside UPM)

1. Head of Anatomy Unit, Department of Human Anatomy (June 2009 – May 2011)
2. 1st Malaysian Combined Hand, Foot & Ankle Workshop “May Hand and Foot Meet” - AJK
3. Felo Kolej 17 UPM (1.5.2012-30.4.2013)
4. Module Coordinator SPP 3511 (4.1. – 31.5.2010; 1.6.2010 – 31.5.2011; June 2011 - June 2012; 2.1.2013 – 1.1.2015; 6.4.2015 - 31.1.2016)
5. Lab Coordinator MPAH 1 (1.1.2011 – 30.9.2014; 1.10.2014 - 31.1. 2016; 2.1.2018 - 2019)
6. Vetting Committee Preclinical Year Medical Programme (2016 - 31.8.2018)
7. Jawatkuasa Penjagaan Dan Penggunaan Haiwan FPSK, UPM (1.1.2015 - 31.12.2016; 5.1.2017 - 4.1.2018, 5.10.2018 - 5.10.2020)
8. Jawatankuasa Mesyuarat Implentasi Kurikulum Praktinikal (Kurikulum Baharu) bagi sesi 2019/2020 dan 2020/2021, FMHS UPM.
9. 1st International Anatomical Biomedical Sciences (IABS) 2015 - Pengerusi Bersama anjuran Malaysian Anatomical Association (MAA) & FMHS, UPM.
10. Bengkel Kemahiran Pembuatan Jar 2014 – Penceramah & Pengerusi
11. 2nd International Anatomical Biomedical Sciences (IABS) 2017 - AJK
12. Program Young Scientist Day Charity Run 2017 – AJK

13. Penyemakan Soalan dan Skema Jawapan Peperiksaan Akhir FASA 1 – AJK (1.11.2016 -31.10.2018)
14. Program Young Scientist Day 2018 - Pengarah Bersama
15. Mesyuarat Penyemakan Soalan dan Skema Jawapan (Vetting) – AJK (1.9.2018 – 31.8.2019)
16. Kursus Pengenalan Histologi Asas – Penceramah
17. Program Young Scientist Day 2019 - Pengarah Bersama
18. AMSEP-UPM Taiwan Incoming 2019 - Fasilitator
19. YSD@Charity Home 2019 di Pertubuhan Amal Cahaya Tengku Ampuan Rahimah - AJK
20. YSD@Charity Home 2019 di Pusat Jagaan Suci Rohani - AJK
21. YSD@Charity Home 2019 - FPSK UPM (gabungan Rumah Amal Raudatul Jannah & Alternative Education Centre Cinta Syria Malaysia (Sekolah Kita III) - AJK
22. 1st International Conference Brawijaya Dentistry (ICBD) 2019 – AJK
23. Judge/Panel for Oral Presentation at 1st International Conference Brawijaya Dentistry.
24. Peer review Scientific Merit untuk Permohonan Kelulusan Etika Untuk Haiwan (2015 - now)
25. Reviewer for ScienceDomain Journals (2017 - now)
26. Panel penilai bagi projek penyelidikan geran GIPP dan IPM (skop kadaverik)
26. Penilai luar bagi permohonan ke kenaikan pangkat jawatan profesor madya gred DUG54 di USIM
27. Ahli jawatankuasa penilaian permohonan geran penyelidikan peringkat universiti tahun 2021 - 2022

Appointments (Inside and Outside UPM)

Date	Designation	Remarks
1.		
2.		

Publications

Journals (in 5 years)

1. Noor Azuin Suliman, Mohamad Aris Mohd Moklas*, **Che Norma Mat Taib**, Mohd Ilham Adenan, Mohamad Taufik Hidayat Baharuldin, Rusliza Basir and Zulkhairi Amom. Morphine anti-dependence of Erythroxylyum cuneatum (Miq.) Kurz in neurotransmission processes in vitro. Evidence-Based Complementary and Alternative Medicine, Vol 2016 Article ID 3517209, <http://dx.doi.org/10.1155/2016/3517209>, 9 pgs.
2. Ahmad U, San AA, See CP, **Taib CNM**, Moklas, MABM and Othman F*. Discovery of anatomic variant of saphenous nerve from human cadaver dissection. Journal of Morphological Sciences, 2016, 33(1), 5-7.
3. Noor Azuin Suliman, **Che Norma Mat Taib***, Mohamad Aris Mohd Moklas, Mohd Ilham Adenan, Mohamad Taufik Hidayat Baharuldin, Rusliza Basir. 2016. Establishing natural nootropics: Recent molecular enhancement influenced by natural nootropic. Evidence-based Complementary and Alternative Medicine, Vol. 2016 (5) August 2016 DOI: 10.1155/2016/4391375, 1-12.
4. Farahziela Abu, **Che Norma Mat Taib***, Mohamad Aris Mohd Moklas and Sobri Mohd Akhir. Antioxidant Properties of Crude Extract, Partition Extract, and Fermented Medium of *Dendrobium sabin* Flower. Evidence-Based Complementary and Alternative Medicine. 2017, Article ID 2907219, 9 pgs.
5. S Sakinah, Sivan Padma Priya, Sharmilah Kumari, Fatin Amira, K Poorani, Hiba Alsaeedy, Mok Pooi Ling, Hui-Yee Chee, Akon Higuchi, Abdullah A Alarfaj, Murugan A Munusamy, Kadarkarai Murugan, **Che Norma Mat Taib**, et al., ... Impact of dengue virus (serotype DENV-2) infection on liver of BALB/c mice: A histopathological analysis. Tissue and Cell, 2017, 49(1), 86-94.
6. **CN Mat Taib***, SNA Hassan, N Esa, MA Mohd Moklas and AA San. Anatomical variations of median nerve formation, distribution and possible communication with other nerve in preserved human. Folia Morphologica (Poland), 2017, 76(1), DOI:10.5603/FM.a2016.0045, 38-43.
7. Noor Azuin Suliman, **Che Norma Mat Taib***, Mohamad Aris Mohd Moklas and Rusliza Basir. Delta-9-tetrahydrocannabinol (Δ 9-THC) Induce Neurogenesis and Improve Cognitive Performances of Male Sprague Dawley Rats. Neurotoxicity Research, 2018, 33(2), DOI 10.1007/s12640-017-9806-x, 402-411.
8. SM Chiroma, MAM Moklas*, **CNM Taib**, MTH Baharuldin, Z Amon. 2018. D-galactose and aluminium chloride induced rat model with cognitive impairments. Biomedicine & Pharmacotherapy, 2018, 103, 1602-1608.
9. SM Chiroma, MTH Baharuldin, **CNM Taib**, Z Amon, S Jagadeesan, ... 2019. Protective effect of Centella asiatica against D-galactose and aluminium chloride induced rats: Behavioral and ultrastructural approaches.

Biomedicine & Pharmacotherapy, 2019, 109, 853-86.

10. WS Tan, P Arulselvan, SF Ng, **CNM Taib**, MN Sarian, S Fakurazi* 2019. Improvement of diabetic wound healing by topical application of Vicenin-2 hydrocolloid film on Sprague Dawley rats. BMC Complementary and Alternative Medicine, 2019, 19(1), 20.

11. Samaila Musa Chiroma, Mohamad Taufik Hidayat Baharuldin, **Che Norma Mat Taib**, Zulkhairi Amom, Saravanan Jagadeesan, Mohd Ilham Adenan, Onesimus Mahdi and Mohamad Aris Mohd Moklas* . Protective Effects of Centella asiatica on Cognitive Deficits Induced by D-gal/AICl3 via Inhibition of Oxidative Stress and Attenuation of Acetylcholinesterase Level. Toxics, 2019, 7(19), 1-19.

12. Samaila Musa Chiroma, Mohamad Taufik Hidayat Baharuldin, **Che Norma Mat Taib**, Zulkhairi Amom, Saravanan Jagadeesan, Mohd Ilham Adenan, Onesimus Mahdi and Mohamad Aris Mohd Moklas*. Centella asiatica Protects d-Galactose/AICl3 Mediated Alzheimer's Disease-Like Rats via PP2A/GSK-3 β Signaling Pathway in Their Hippocampus. Int. J. Mol. Sci. 2019, 20 (1871) doi:10.3390/ijms20081871
www.mdpi.com/journal/ijms, 1-14.

13. Saravanan Jagadeesan, Samaila Musa Chiroma, Mohamad Taufik Hidayat Baharuldin, Che Norma Mat Taib, Zulkhairi Amom, Mohd Ilham Adenan, Mohamad Aris Mohd Moklas*. Centella asiatica prevents chronic unpredictable mild stress-induced behavioral changes in rats. Biomedical Research and Therapy, 2019, 6(6), 3233-3243.

14. SM Chiroma, **CNM Taib***, MAM Moklas, MTH Baharuldin, Z Amom, The use of nootropics in Alzheimer's disease: is there light at the end of the tunnel? Biomedical Research and Therapy, 2019, 6(1), 2937-2944.

15. Woan Sean Tan, Palanisamy Arulselvan, Shiew-Fern Ng, **Che Norma Mat Taib**, Murni Nazira Sarian, and Sharida Fakurazi*. Healing Effect of Vicenin-2 (VCN-2) on Human Dermal Fibroblast (HDF) and Development VCN-2 Hydrocolloid Film Based on Alginate as Potential Wound Dressing. BioMed Research International, 2020(3), 1-15.

16. Mustapha M, **Mat Taib CN***. MPTP-induced mouse model of Parkinson's disease: A promising direction of therapeutic strategies. Bosn J of Basic Med Sci [Internet]. 2020Dec.14 [cited 2021May7];. Available from: <https://www.bjbm.org/ojs/index.php/bjbm/article/view/5181>

17. Antiobesity Activity of Elateriospermum tapos Shell Extract in Obesity-Induced Sprague Dawley Rats Kokila Vani Perumal, Nor Liyana Ja'afar, **Che Norma Mat Taib**, Nurul Husna Shafie and Hasnah Bahari,* Molecules 26(2):321 DOI: [10.3390/molecules26020321](https://doi.org/10.3390/molecules26020321)

Conference Proceedings (in 5 years)

1. Rusliza Basir*, Mohammad Faruq Abd Rachman Isnadi, Roslaini Abd Majid, Maizatun Atmadini Abdullah, **Che Norma Mat Taib**. Interleukin-33 (IL33) As A Potential Immunotherapeutic Target In Malaria. 18th World Congress of Basic and Clinical Pharmacology 2018. Kyoto International Conference Centre, Kyoto. 1- 6 July 2018.

2. Rusliza Basir*, Mohammad Faruq Abd Rachman Isnadi, Roslaini Abd Majid, Maizatun Atmadini Abdullah, **Che Norma Mat Taib**. Interleukin-33 (IL33) modulation produced significant impact on malaria pathogenesis in mice. 32nd Scientific Meeting of The Malaysian Society of Pharmacology & Physiology. Malaysian Society of Pharmacology & Physiology & UKM. 8 - 9 August 2018.

3. **Che Norma Mat Taib***, Jegathis Prushothuman, Muhammad Adib Farhan Abdullah and Mohamad Aris Mohd Moklas. Anatomical Variations of The ear Muscle of Hand, Among Cadavers in Universiti Putra Malaysia (UPM). The 1st International Conference Brawijaya Dentistry. Malang Indonesia. 22 - 23 Nov 2019.

4. Ooi Zhi Hao, Nur Ain Diyana Mohd Suhaimi, Dahrshini Rajan, Mohamad Aris Mohd Moklas*, **Che Norma Mat Taib**. A cadaveric study on the anatomical variations of the musculocutaneous nerve among cadavers in University Putra Malaysia. 2nd International Anatomical and Biomedical Scientific Conference 2017. Faculty of Medicine and Health Sciences, UPM. 1 - 2 August 2017.

5. Muhammad Afiq Salman, Rammiyah Puanesperam, Muhamad Illman Amirin Ross Raman, **Che Norma Mat Taib***, Mohamad Aris Mohd Moklas. A cadaveric study of the anatomical variations of the axillary artery among cadavers in Universiti Putra Malaysia. 2nd International Anatomical and Biomedical Scientific Conference 2017. Faculty of Medicine and Health Sciences, UPM. 1 - 2 August 2017.

6. Hasiyah Ab. Hamid*, **Che Norma Mat Taib**, Ahmad Rohi Ghazali, Fatin Sapparuddin, Noor Azuin Suliman, Abdah Md Akim, Fezah Othman. Pterostilbene Prevents Liver Injury in Sprague Dawley Rats Induced by Paracetamol Toxicity. 3rd Pan Asian Biomedical Science Conference. Primeira Hotel, Kuala Lumpur, Malaysia. 7 - 8 Dec 2016.

7. Noor Azuin Sulaiman, Mohamad Aris Bin Mohd Moklas*, **Che Norma Binti Mat Taib**, Mohd Ilham Bin Adenan, Mohamad Taufik Hidayat Baharuldin. Erythroxylum Cuneatum Potentially Attenuates Morphine-dependent in Cell Line. 30th Scientific Meeting of Malaysian Society of Pharmacology and Physiology (MSPP). Putrajaya, Malaysia. 15 - 16 August 2016.



8. Mohamad Syahmi Shahril, Mohamad Aris Mohd Moklas*, Mohamad Taufik Hidayat Baharuldin, Rusliza Basir, Mohd Ilham Adenan, Mohd Fadzly Amar Jamil, **Che Norma Mat Taib**, Noor Azuin Suliman, Muhammad Amin Ahmad Zaki . The Determination of Erythroxyllum Cuneatum Leaves Extract Effects on Memory in a Novel Object Recognition Task in Rats. 30th Scientific Meeting of Malaysian Society of Pharmacology and Physiology (MSPP). Putrajaya, Malaysia. 15 - 16 August 2016.

Books (If any)

1. Cheah Pike See, Khin Thant Zin, **Che Norma Mat Taib**, Fauziah Othman. 2012. Histology Workbook For Medical Students. UPM PRESS ISBN 978-967-344-297-3
2. Fauziah Othman, **Che Norma Mat Taib**, Mohamad Aris Mohd Moklas, Pike See Cheah, Siti Khadijah Adam, Nizae Abd Manan, Mohamad Taufik Hidayat Baharuldin, Nurul Hayati Mohamad Zainal, Aye Aye San, Si Si Than and Farhatani Mahmud. 2013. Explorasi Tubuh Manusia. UPM PRESS ISBN 978-967-344-378-9.

Chapter in Books (If any)

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Research Grants

Received 2020

1. -
2. -

On-going

1. Preclinical application of tobramycin-impregnated calcium phosphate beads for orthopedic infection in rabbit. GP/2017/9566300
2. The effectiveness of antibiotics and growth factor in treatment of osteomyelitis. GP-IPS/2018/9652700
3. *Ficus Deltoidea*: A Potential Role in Treat And Slow Progress of Parkinson Like Symptoms (PLS) in Male C57bl/6 Mice. FRGS/1/2019/STG03/UPM/02/15

Research Grants

No.	Project Title	Amount (RM)	Year	Source of Fund
1.	The role of delta-9-tetrahydrocannabinol (Δ^9 THC) on the neurogenesis and neuroplasticity	RM 93,000	2010	FRGS
2.	<i>Dendrobium sabin</i> flowers and anti-aging properties	RM 61,000	2011	RUGS (3), UPM
3.	Effects of Delta 9-THC on neuronal plasticity	RM 15,000	2012	RUGS (6), UPM
4.	<i>Mokara sp</i> : Role in anti-aging 04-02-12-2124RU	RM 15,000	2012	RUGS (6), UPM

5.	Determination of TAC83, TAC90 and TOECTB2 on receptors affinity, neuropharmacological and anti-withdrawal properties. 04-02-12-1765RU	RM 144,000 Co-researcher	2012	RUGS (2), UPM
6.	Development of <i>Erythroxylum cuneatum</i> fractions as anti-withdrawal drug and their role in neuronal plasticity implicated in cognitive and neurobehavioral performance. 06-01-04-SF1673	RM 237,500 Co-researcher	2013	Science fund
7.	Preclinical application of tobramycin-impregnated calcium phosphate beads for orthopedic infection in rabbit GP/2017/9566300	RM 50,000	2017	GP, UPM
8.	The effectiveness of antibiotics and growth factor in treatment of osteomyelitis GP-IPS/2018/9652700	RM 25,000	2018	GP-IPS, UPM
9.	<i>Ficus Deltoidea</i> : A Potential Role in Treat And Slow Progress of Parkinson Like Symptoms (PLS) in Male C57b/6 Mice FRGS/1/2019/STG03/UPM/02/15	RM 170,000	2019	FRGS

Awards/ Recognition (Current)

No.	Name of awards	Award Authority	Award Type	Year
1.	Putra InnoCreative Competition	Putra InnoCreative Carnival in Teaching and Learning 2019, 16-17 October 2019, UPM	Gold Medal	2019
2.	Putra InnoCreative Competition	International Putra InnoCreative Carnival in Teaching and Learning 2020, 20 - 30 October 2020, UPM	Silver Medal	2020
3.	Teaching Excellence Award (Tea) 2020	Faculty of Medicine and Health Sciences, UPM	Nomination	2020

Professional Services/ Consultation

No.	Year	Title	Authority
1.	2021	Penceramah Kursus Anatomi dan Fisiologi	Persatuan Kejuruteraan Elektronik Perubatan Malaysia (MEAM)
2.	2018-2022	Systematic Anatomy (MED103)	Xiamen University Malaysia
3.	2011-2019	Premedic Mesir	UPMHOLDINGS UPM Education & Training Sdn. Bhd.
4.	2009-2010	Kursus Anatomi & Fisiologi Manusia	Jabatan Kesihatan Negeri Selangor
5.	2014	Kursus Anatomi dan Fisiologi Modul 4 untuk Jurutera KKM	Kementerian Kesihatan Malaysia dengan kerjasama BEAM

6.	2012	Training on Anatomy & Physiology: Module 2	Kementerian Kesihatan Malaysia dengan kerjasama BEAM
7.	2005	Diploma Jurupulih Anggota	Kolej Kesihatan Bersekutu, Sungai Buloh
8.	2004 - 2005	Diploma Fisioterapi	Kolej Kesihatan Bersekutu, Sungai Buloh
9.	2004	Diploma Jurupulih Carakerja	Kolej Kesihatan Bersekutu, Sungai Buloh

Student Supervision

PhD (Main Supervisor)

No.	Name	Title	Status
1.	Lulu Godday Anebow	Preclinical application of tobramycin-impregnated calcium phosphate beads for orthopedic infection in rabbit	On going
2.	Musa Mustapha	Neuroprotective potentials of ficus deltoidea on mptp-induced parkinson-like symptoms in mice	Ongoing
3.			

Master with Thesis (Main Supervisor)

No.	Name	Title	Status
1.	Noor Azuin Suliman, GS27357	The role of delta-9-tetrahydrocannabinol ($\Delta 9$ THC) on the neurogenesis and neuroplasticity	Completed
2.	Farahziela Abu, GS31218	<i>Dendrobium sabin</i> flowers and anti-aging properties	Completed
3.	Nurul Lyiana Mat Zam, GS31769	<i>Mokara sp.</i> : Role in anti-aging	Completed

Master without Thesis (Main Supervisor)

No.	Name	Title	Status
1.	-		
2.			
3.			

Attended Seminars/ Workshops/ Forums both National and International

No.	Year	Title	Organizers
1.	2019	Anatomical Variations of Thenar Muscle of Hand, Among Cadavers in UPM. 1 st International Conference Brawijaya Dentistry (ICBD) 2019	Universitas Brawijaya Indonesia & FMHS, UPM
2.	2019	Pain Workshop, 10 – 11 th July 2019	LASAM
3.	2020	Photobook & Flipbook: Pelaporan Digital, 24 th July 2020	CADE, UPM
4.	2021	Program Putra Wellness Carnival (Body Language & Parenting), 8 th April 2021	Bahagian Kaunseling, UPM & Kelab Rakan Siswa UPM
5.	2021	CONNECTING Your Research to the United Nation's Sustainable Development Goals (UN SDGs), 23 rd April 2021	ies Research



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| 6. | 2021 | Putra Collaborative Global Online Learning (PutraCGOL) – Awareness, 26 th April 2021 | CADE, UPM |
| 7. | 2021 | Komunikasi dan Adab dalam PdP, 5 th May 2021 | CADE, UPM |
| 8. | 2021 | Meta analysis workshop, 3 rd June 2021 | Department of Biomedical Science, FMHS, UPM |
| 9.. | 2021 | Pengurusan Emosi dalam Kecemerlangan PdP, 9 th June 2021 | CADE, UPM |

Intellectuals Property

Patent Granted

No.	Date	Patent No.	Name
1.	23.3.2017	201703231203	Guidelines for preparing Exam Questions for MD Programme – UPM Format
2.			

Patent Field

No.	Date	Patent No.	Name
1.			
2.			