

# INTERNATIONAL CONFERENCE ON MALAY MEDICAL MANUSCRIPTS

# ICOMMM 2020

**15<sup>TH</sup> - 16<sup>TH</sup> DECEMBER 2020**

Organized by:  
**Health Information and Knowledge from  
Malay Medical Manuscripts (HIKAM)  
Flagship, Kulliyyah of Allied Health Sciences**

***"Discovery, Innovation & Integration"***

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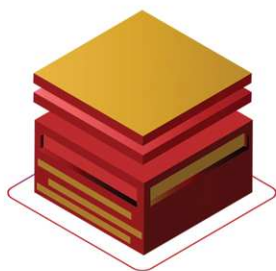
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**INTERNATIONAL  
CONFERENCE  
ON MALAY MEDICAL  
MANUSCRIPT**

**ICOMMM  
2020**

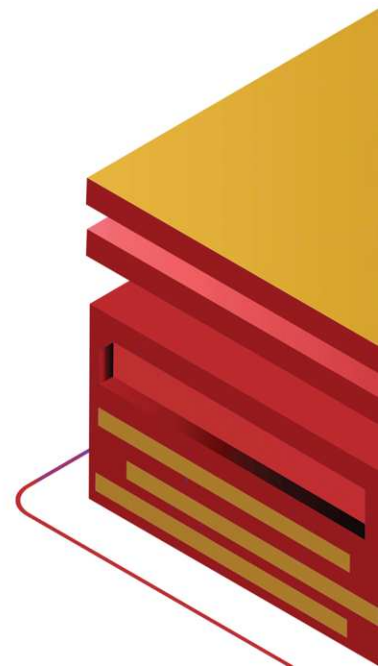
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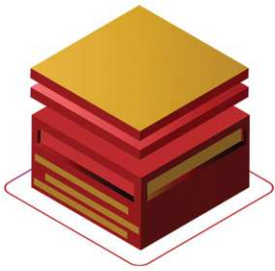


# PROGRAMME

## 15<sup>TH</sup> DECEMBER 2020 (DAY 1)

- 8.00 AM**      **Registration**
- 8.30 AM**      **Qur'an and Doa Recitation**
- 8.40 AM**      **Welcoming Remark by Programme Manager**
- 9.00 AM**      **Officiating Ceremony by**  
Prof. Emeritus Tan Sri Dato' Dzulkifli Abdul Razak  
IIUM Rector
- 9.30 AM**      **Book Launching by**  
Prof. Emeritus Tan Sri Dato' Dzulkifli Abdul Razak
- 9.45 AM**      **Keynote Presentation I**  
Dr. Goh Cheng Soon  
Director of Traditional & Complementary Medicine, MOH  
*Regulatory Challenges in Uplifting Traditional  
Malay Medicine in Malaysia*
- 10.30 AM**     **Break**
- 10.45 AM**     **Keynote Presentation II**  
Prof. Emeritus Dr. Shaharir Mohamad Zain  
Former President of Akademi Sains Islam Malaysia  
*Isu-isu Manuskrip Perubatan Dalam Bahasa  
Melayu Jawi Sebelum 1900*
- 11.30 AM**     **Oral Presentation (Session 1)**  
Manuscript Studies
- 1.00 PM**      **Lunch Break & Zuhr**
- 2.00 PM**      **Oral Presentation (Session 2)**  
Reproduction & Respiratory Problems
- 3.30 PM**      **Break**
- 3.45 PM**      **Oral Presentation (Session 3)**  
Materials & Method
- 5.00 PM**      **Adjournment & 'Asr**

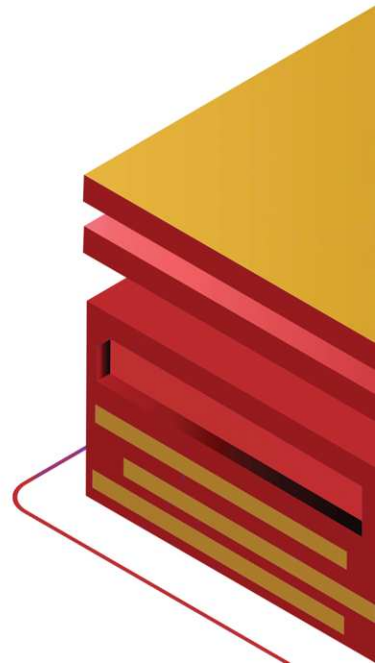


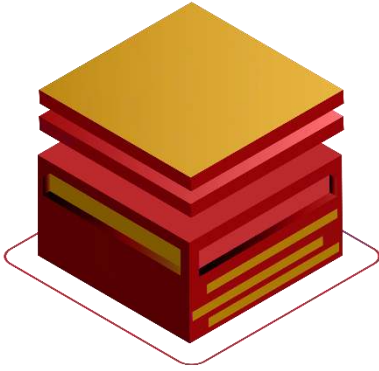


# PROGRAMME

## 16<sup>TH</sup> DECEMBER 2020 (DAY 2)

- 8.45 AM**      **Qur'an Recitation**
- 9.00 AM**      **Keynote Presentation III**  
Pak Kemas Andi Syarifuddin  
Manager of Laboratorium Naskhah Melayu Prasarjana  
UIN Raden Fatah Palembang  
*Manuskrip Perubatan Melayu Dalam Khazanah Warisan  
Keraton Palembang Darussalam*
- 9.45 AM**      **Keynote Presentation IV**  
Assoc. Prof. Dr. Mohd. Affendi Mohd. Shafri  
Project Leader of Malay Medical Manuscripts IIUM  
*Development and Use of IIUM Scientific Index for Malay  
Medical Manuscripts (ISIM)*
- 10.30 AM**      **Break**
- 10.45 AM**      **Oral Presentation (Session 4)**  
From Teeth to Tumour and Toxin
- 1.00 PM**      **Lunch Break & Zuhr - iKOP Corporate Message**
- 2.00 PM**      **Oral Presentation (Session 5)**  
Infectious Diseases
- 4.00 PM**      **Break**
- 4.30 PM**      **Closing & Prize-Giving Ceremony**
- 5.00 PM**      **Adjournment & 'Asr**





# CONTENT

	Page
Programme Schedule	iii
Foreword	vi
IKOP	vii
Keynote Presentations	1
Keynote I - Dr. Goh Cheng Soon	2
Keynote II - Prof. Emeritus Dr. Shaharir bin Mohamad Zain	4
Keynote III - Pak Kemas H. Andi Syarifuddin	8
Keynote IV - Associate Professor Dr. Mohd. Affendi Mohd. Shafri	10
Oral Presentations Schedule	12
Advertisement	
Organising Committees	



# Foreword

In the Name of Allah, Most Gracious Most Merciful

All praises to Allah, Lord of the Worlds, and to His Messenger, Prophet Muhammad, peace and blessings be upon him, his family and companions. There is no power nor strength except through Allah.

Please allow me to welcome all delegates of the International Conference on Malay Medical Manuscripts (ICOMMM) 2020! This year's theme: **discovery, innovation and integration**, is timely as we embrace the new norm amidst the COVID-19 pandemic. With every hardship and constraint, we are continuously being stimulated to **discover** many opportunities and venture into research in health and medical sciences. In ICOMMM, we believe that re-discovering the Malay medicine from the manuscripts and ancient practice gives us the prospect to understand and appreciate the epistemology of medicine and remedies from our ancestors. Learning from history ensures current and future generations are inspired by the Malay Civilisation and take the lead to **innovate** and **integrate** the Malay medical knowledge with the conventional approach. I have no doubt that delegates will take part in thought provoking and stimulating discussion. The assortment of topics is also sure to provide the delegates with a fascinating insight into the contents of Malay medical manuscripts to the modern world.

The event could not have taken place without the support from our Rector, Prof. Emeritus Tan Sri Dato' Dzulkifli Abdul Razak and Faculty Dean, Prof. Dr. Suzanah Abdul Rahman. We are most grateful for the generous financial support from iKOP, ACE Holding Group and other co-sponsors. We are sure that every reader interested in looking for new drugs and new approaches to treating diseases, will find this ICOMMM captivating and fruitful. Please enjoy!

Intan Azura Shahdan, Ph.D  
Chairman of the ICOMMM 2020 Organising Committee

# LAWAN SAKIT HABIS- HABISAN.



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1 075-04/2013

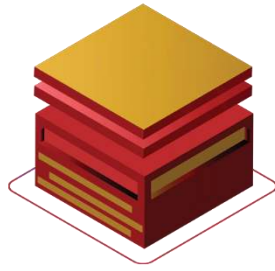
**Dapatkan  
salap iGesic  
hari ini.**

Melegakan sakit  
otot & kekejangan.

Ini adalah iklan produk ubat. KKLIU 1893/2020

# IKOP





# Keynote Presentation

Day 1 | 15 Dec 2020



## KEYNOTE I



**Dr. Goh Cheng Soon**

Director, Traditional and Complementary Medicine Division, Ministry of Health, Malaysia

Dr. Goh Cheng Soon is presently the Director of the Traditional and Complementary Medicine Division, Ministry of Health, Malaysia. Dr Goh began her career in Malaysia as an allopathic doctor in Hospital Queen Elizabeth, Kota Kinabalu, Sabah, in 1993. prior to her transfer to the Medico-Legal Unit, Practice Division and Traditional and Complementary Medicine Division. She and her team had implemented the Traditional and Complementary Medicine Act 2016 (Act 775) and developed the Traditional and Complementary Medicine Blueprint 2018-2027 (Health Care). She was one of the committee members in the Medical Research and Ethics Committee, council members in the Council of Traditional and Complementary Medicine, Ministry of Health and a consultant in Traditional and Complementary Medicine to the World Health Organization. Recently, she was also involved in the policy-making and administrative support to hospitals to fight against COVID-19.



## Regulatory Challenges in Uplifting Traditional Malay Medicine (TMM) in Malaysia

**Dr. Goh Cheng Soon**

- Traditional and Complementary Medicine Division, Ministry of Health Malaysia, Block E, Cenderasari Road, 50590 Kuala Lumpur | [dr.goh\\_cs@moh.gov.my](mailto:dr.goh_cs@moh.gov.my)

Throughout the world, there is an increased level of awareness and acceptance of traditional and complementary medicine (T&CM) in enhancing health and general well-being. T&CM has become increasingly popular in Malaysia, with its rich and bountiful heritage of multi-ethnicity, multiculturalism, biodiversity and range of T&CM practices.

The integration of T&CM including traditional Malay medicine (TMM) into the national health care system is geared for the future and it is our vision to see its co-existence and harmonisation with conventional medicine. Ministry of Health (MOH) has taken a proactive approach in ensuring the safe and good quality T&CM practices being rendered to the public in order to facilitate its integration into the national health care system.

The governance of T&CM industry covers the regulation of practices and practitioners, education and training as well as products and research. The gazettment of the T&CM Act 2016 [Act 775] on 1 August 2016 is one of the biggest catalysts for the development and professionalisation of T&CM by regulating T&CM practices and practitioners.

MOH faces various issues and challenges in uplifting T&CM including Malay Medicine. The challenges are difficulty in enforcing the T&CM Act 2016, lack of education and training, inadequate qualified academic staff, lack of research data, and lack of understanding and prejudice towards the T&CM profession. However, with continuous and consistent efforts from all stakeholders, solutions could be developed to promote the safe and effective use of T&CM through the regulation of products, practices and practitioners.

## KEYNOTE II



### **Professor Emeritus Dr. Shaharir bin Mohamad Zain** Mantan Presiden ASASI

Prof. Emeritus Dr. Shaharir b. Mohamad Zain berpendidikan penuh aliran bahasa Melayu sehingga ke peringkat Sijil Tinggi Pelajaran Malaysia (STPM) sebelum melanjutkan pendidikannya ke Australia di bawah Colombo Plan Scholarship 1967-1974. Beliau merupakan anak Melayu pertama beroleh Ijazah Doktor Falsafah (Ph.D) dari La Trobe University, Australia pada 1974 di dalam bidang Matematik Fizik dan seterusnya berkhidmat di UKM sehingga bersara wajib pada 2004. Kini beliau berkhidmat sebagai Felo Penyelidik Kanan di Pusat Dialog Peradaban, UM sejak 2011. Beliau mendapat pengiktirafan Profesor Emeritus pada Majlis Konvokesyen UKM sesi 2014/2015.

Kejayaan dan sumbangan besar beliau adalah melalui, pembinaan teori baru dalam kefahaman mekanik kuantum menerusi kamiran fungsian. Beliau juga membina formulasi teori pengoptimuman multi-matlamat yang lebih serasi dengan Islam, membina Lagrangean baru bagi penyelesaian yang memenuhi persamaan KdV dan menemui sistem nombor, angka serta sistem sukatan Melayu. Bahkan beliau mengukuhkan gagasan teori dan formula yang spesifik dalam pemribumian dan pengislaman ilmu terutamanya dalam sains matematik. Beliau juga telah membina model peruntukan sumber universiti di Malaysia. Monograf terbaharunya, Cabaran Mantik pada Muslim terbitan Pusat Dialog Peradaban 2019 memaparkan banyak unsur mantik Melayu dan Barat yang membuka ruang penyelidikan yang cukup mencabar; dan Falsafah Ilmu Sains dan Matematik Malayonesia terbitan Akademi Ketamadunan, Kolej Dar al-Hikmah 2018. Kepelbagaian ini menjadikan beliau seorang sarjana yang berdaya tinggi dalam aneka ilmu. Beliau juga merupakan aktivis dalam memartabatkan Bahasa Melayu setanding dengan bidang-bidang lain.

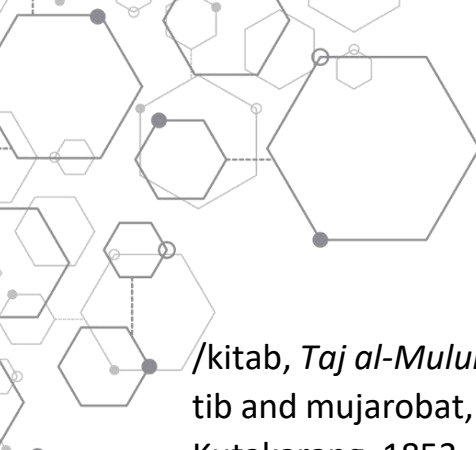


## Issues of Medical Manuscripts in Malay Jawi Before 1900

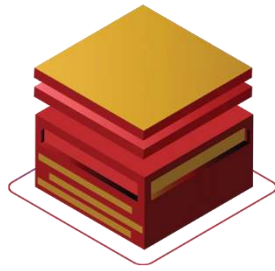
### Shaharir bin Mohamad Zain

Centre for Civilisational Dialogue (Pusat Dialog Peradaban), Level 1, Door C6,  
High Impact Research Building, University of Malaya, 50603 Kuala Lumpur  
[riramzain@yahoo.com](mailto:riramzain@yahoo.com)

Malay medical manuscripts are manuscripts in *tib* and *mujarobat* written in Malay and using *Jawi* characters, and the scope of these fields are presented here. We propose 10 research issues in these fields but here we only concentrate on the items which we have been engaged together in two research groups in ethnoscience at INSPeM, UPM (known as the KuPeLEMa) since 2005 and at PDP, UM (known as *Kumpulan Penyelidikan Warisan Sains*, KuPeLARIS) since 2011. One of the issues is identifying the manuscripts in the world and we find that the medical manuscripts which have been catalogued before 1997 are the second largest after the number of manuscripts which we had categorized them as “*ramalan and taabir*” (“predictions and inferences”), but we found that the later manuscripts also contain some medical elements. For the second issue, we find that the oldest medical manuscript *Sia-sia Berguna* written in the early 15<sup>th</sup> century AD by Syafiyuddin al-‘Abbasi as described by Mohd Shoghir is still unavailable for us and a manuscript entitled *Kitab Sia-sia Berguna* at PNM is not the same as the one in the Mohd Shoghir’s Collection. We note also that this earliest manuscript is more than 100 years older than the earliest medical writing in English 1547 by Boorde, *Breuiary of Healthe*. We also represent studies on the second oldest manuscript, the Chapter Seven of the *Bustan al-Salatdin* by al-Raniyriy, dated 1047 H = 1638 AD which is heavily influenced by the Islamic medical elements and naturally free of unislamic medical practices. We also found a medical manuscript at PNM which is appropriately referred to it as the oldest original Malay medical manuscript to date and PNM entitled it as *Tib dan Azimat* dated 1020 H = 1795 AD. The manuscript contains a collection of medical practices by the great Bomoh, ‘Abd al Rahman. We also had studied two manuscripts in the category of “*ramalan and taabir*”, namely *Firasat dan Akal* and *Petua Petua*, both are estimated as written in the 19<sup>th</sup> century AD and we find that both contains interesting medical elements. Therefore, any studies on Malay medical manuscripts should not abandon the manuscripts in the “*ramalan dan taabir*” category. We present our study on the famous manuscript



/kitab, *Taj al-Muluk*, written and edited by Isma'il Aceh 1889 AD which contains tib and mujarobat, and elements of mujarobat from astrology written by 'Abbas Kutakarang 1853 AD. We also present some studies by other scholars on selected famous mujarobat manuscripts written before 1900 AD for the purpose of comparative studies with tib manuscripts, on selected great books in Malay literature and general books on history and culture of the people in the South-East Asian region, Malayonesia, written in various European languages before 1800 AD. All these are used to show that medical knowledge among Malayonesians were widely practiced and to establish the validity of the common belief that medical knowledge in Malayonesian civilisation was remarkable, in fact better than the European, especially English achievement before 18<sup>th</sup> century. We highlight the fact that many of medicinal flora and fauna species in the manuscripts are currently unknown of their existence besides various unknown diseases as well. As far as the philosophy of Malay medical knowledge is concerned we show the difference between our findings with those of the Western scholars and some of our own scholars as well as such that we do not prescribe to the belief that the Malay medical philosophy is entirely based on animism and Hindu-Buddhism or completely Islamic in nature. Our philosophy is the syncretism of these two philosophies. Other remaining issues are presented in brief while indicating our preference in the path of the relevant research.



# Keynote Presentation

Day 2 | 16 Dec 2020



## KEYNOTE III




### **Pak Kemas H. Andi Syarifuddin**

**Pengelola Laboratorium Naskah Melayu Pascasarjana UIN Raden Fatah Palembang**

Nama penuh diberi ialah Kemas Andi Syarifuddin bin Kemas H. Ibrahim Umary. Pak Kemas dilahirkan di Palembang pada tanggal 26 Mei 1971. Mendapat pendidikan di Institut Agama Islam Negeri Raden Fatah Palembang (1996) dan memiliki pengikhtirafan pascasarjana daripada Universitas Islam Negeri Raden Fatah Palembang (2020). Kini, beliau bertugas sebagai Pengurus Yayasan Masjid Agung Palembang selain guru untuk Sekolah Dasar Plus di IGM Palembang dan BLU di UIN Raden Fatah Palembang. Selain itu, Pak Kemas juga merupakan TIM Pelestarian Peninggalan Kesultanan Palembang Darussalam sejak 2005 sehingga kini. Kepakaran dan kecenderungan Pak Kemas di dalam bidang manuskrip purba mendapat pengikhtirafan di Indonesia dan di persada antarabangsa. Beliau mendapat anugerah Tokoh Peduli Kebudayaan Kota Palembang 2017 oleh Walikota Palembang (2017), Anugerah Budaya Naksatra Sriwijaya oleh Gubernur Sumatera Selatan (2018), Pelestari Naskah Kuno oleh Kepala Perpustakaan Nasional RI (2019) dan juga Certificate of Appreciation Manuscripts Owner oleh Digital Repository of Endangered and Affected Manuscripts (DREAMSEA, Jakarta 2018). Pak Kemas merupakan penulis buku sejak zaman universiti lagi. Antara karya terawal beliau adalah *Manaqib Syekh Muhammad Samman* (1994), *Kamus Kecil Bahasa Palembang* (1995) dan *Manaqib Syekh Abdus Samad al-Palembani* (1997). Minat dan kesungguhan beliau dalam meninggikan martabat ilmu tamadun di Palembang dinukilkan di dalam beberapa buku termasuk *261 Tahun Masjid Agung dan Perkembangan Islam di Sumatera Selatan* (TIM 2001), *Syair Perang Palembang 1819* (2009), *Ratib Samman: Riwayat, Fadhilat & Silsilahnya* (2010), *101 Ulama Sumsel: Riwayat Hidup & Perjuangannya* (Ar-Ruzz Media, Yogyakarta, 2013) dan *Syair-Syair Spiritual Syekh Muhammad Azhari al-Palembani* (2015).





## Manuskrip Perubatan Melayu Dalam Khazanah Warisan Keraton Palembang Darussalam

**Kemas H. Andi Syarifuddin**

- Program Pascasarjana, UIN Raden Fatah Palembang, Jl.Prof.K.H.Zainal Abidin Fikri, KM.3,5 Palembang, Sumatera Selatan,30126, Indonesia | [kemasandisyarifuddin71@gmail.com](mailto:kemasandisyarifuddin71@gmail.com)

Kesultanan Palembang Darussalam pernah menjadi salah satu dari empat Pusat Pengkajian Islam Melayu terbesar di Nusantara sekitar abad ke-18. Pada periode ini, keraton Kesultanan Palembang banyak melahirkan ulama-ulama besar terkemuka, penulis, yang mewariskan karya-karya ilmiah baik masih dalam bentuk manuskrip maupun cetak, seperti: Syekh Abdus Samad al-Palimbani, Kemas Fakhruddin, Syekh Syihabuddin, Kemas Ahmad bin Abdullah, Syekh Muhammad Akib bin Hasanuddin, Syekh Muhammad Azhari, dan lainnya. Sejak Kesultanan Palembang Darussalam dimazlulkan oleh kolonial Belanda (1823), harta kekayaan dan khazanah koleksi manuskrip yang tersimpan di keraton sempat dijarah dan diangkut oleh kaum penjajah (Belanda-Inggris) ke negaranya sekitar lebih dari 100 judul, dan kini sebagian tersimpan di berbagai perpustakaan dan muzeum di Belanda, Inggris, Paris, Rusia, Jakarta, dan lain tempat. Meskipun demikian, masih untung beberapa khazanah manuskrip Palembang yang tersisa, masih sempat diselamatkan oleh para ulama, bangsawan, masyarakat dan lainnya hingga turun-temurun. Khazanah manuskrip tersimpan ini sudah tentu menjadi warisan peradaban Melayu yang tak ternilai harganya, kerana dapat menjadi sumber penelitian dan kajian sejarah bagi masyarakat luas. Pertulisan manuskrip Melayu meliputi seluruh aspek kehidupan, seperti keagamaan, sejarah, adat istiadat, politik, kesusastraan, bahkan termasuk bidang medis dan perubatan. Manuskrip Perubatan Melayu Palembang adalah bukti nyata tingginya peradaban kebudayaan Melayu, serta mencerminkan ketinggian intelektual muslim atau kearifan lokal. Manuskrip perubatan Melayu di Palembang terdapat cukup banyak. Disimpan dan dikoleksi secara pribadi maupun lembaga. Di antaranya yang tersimpan di Laboratorium Naskah Melayu Pascasarjana UIN Raden Fatah Palembang dan koleksi Kemas H. Andi Syarifuddin.

Kata Kunci: Perubatan Melayu, Keraton Palembang, Manuskrip

## KEYNOTE IV



### **Associate Professor Dr. Mohd. Affendi Mohd. Shafri**

Flagship Project Leader, Health Information and Knowledge from Malay Medical Manuscripts (HIKAM), IIUM

Assoc. Prof. Dr. Mohd Affendi received his PhD in Neurophysiology in 2012 from Fakulti Perubatan dan Sains Kesihatan, Universiti Putra Malaysia. His interest in drug discovery and medical history leads him to the Malay Medical Manuscripts. He has presented at local and international conferences on this topic. He has also published several books such as *Tayyib al-Ihsan* (2015), *al-Rahmah fi al-Tibb from Aceh* (2017), *Rumah Ubat di Pulau Penyengat* (2018), *Sari Segala Ubat dari Pontianak* (2019) dan *Sudah Gaharu Cendana Pula* (2020). At IIUM, he is Project Leader for the Flagship Project on Malay Medical Manuscripts (HIKAM).

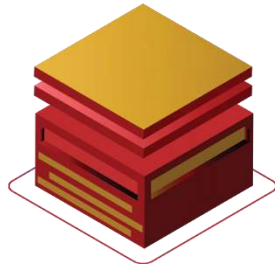


## Development and Use of IIUM Scientific Index for Malay Medical Manuscripts (ISIM)

○ **Mohd. Affendi Mohd. Shafri**

Department of Biomedical Science, Kulliyyah of Allied Health Sciences, International Islamic University, Jalan Sultan Ahmad Shah, 25200 Kuantan, Pahang | [affendishafri@iium.edu.my](mailto:affendishafri@iium.edu.my)

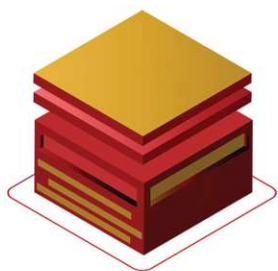
Malay medical manuscripts have become new objects of study at IIUM. The research at IIUM has departed from common manuscript study as emphasis is given on historical, philosophical as well as the practical use of manuscript content. In order to accelerate scientific study on manuscript data, a scientific index called IIUM Scientific Index for Malay Medical Manuscripts (ISIM) has been used to analyse Malay medical manuscript data. The three components include (i) index of comparison with published scientific articles, (ii) bioprospective index, and (iii) consensus index with other manuscripts. Each formulation in a manuscript would be graded according to these indices and a priority list can be generated to help a researcher in finding the formulation with the strongest overall value. The recent COVID-19 pandemic has shown the value of having such index in helping to quickly identify possible new cure.



# Oral Presentations

Programme Schedule

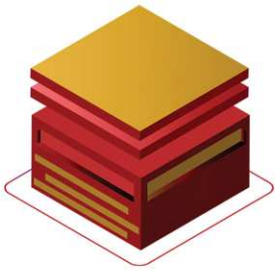




## **SESSION 1 PROGRAMME MANUSCRIPT STUDIES 15<sup>TH</sup> DECEMBER 2020 (DAY 1)**

### **SESSION 1 - Manuscript Studies**

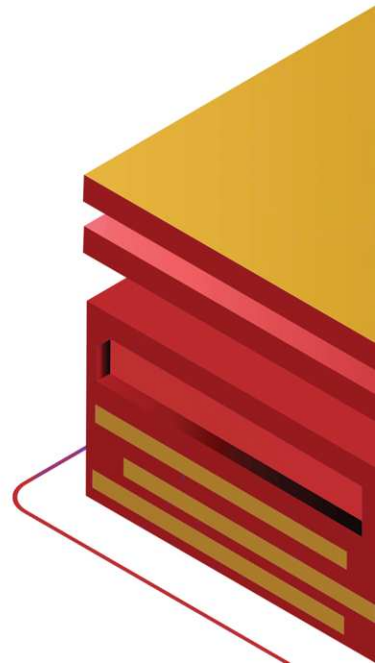
- 11.30 AM** OP01 - Malay Manuscripts on Traditional Malay Medicine In Syed Muhammad Naquib Al-Attas (ISTAC) Library, IIUM  
*Wan Ali @ Wan Yusoff Bin Wan Mamat*
- 11.45 AM** OP02 - An Analysis on Medical Hadith in Chapter 7 of Bustan al-Salatin of Nur al-Din al-Raniri  
*Hasbullah bin Mohamad*
- 12.00 PM** OP03 - Discourse on Ethnomedicinal Plants in “Hikayat Nurul-Lisan Menjawab Masalah” for Gastroenterology Purposes  
*Wardah Mustafa Din*
- 12.15 PM** OP04 -An Insight into Medicinal Plants from the Malay Medical Manuscript, MSS 3126  
*Izzuddin Ahmad Nadzirin*
- 12.30 PM** OP05 - Malay Medicinal Knowledge on a Palm-leaf Manuscript: A Descriptive Study  
*Ainaaul Mardhiyah Binti Jamil*
- 12.45 PM** Q&A Session 1

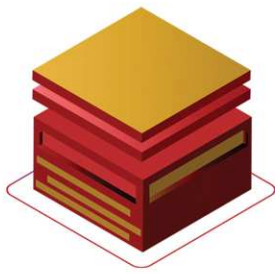


## **SESSION 2 PROGRAMME REPRODUCTION & RESPIRATORY PROBLEMS 15<sup>TH</sup> DECEMBER 2020 (DAY 1)**

### **SESSION 2 - Reproduction & Respiratory Problems**

- 2.00 PM** OP06 - Breastfeeding Challenges: Data Mining on Malay Formulation and Practice Recommended in the Malay Medical Manuscripts  
*Nur Alia binti Mohammad Rihan*
- 2.15 PM** OP07 - Malay Practices on Prevention and Treatment of Female Sexual Dysfunction Mati Putik  
*Ain Ilmiah binti Anhar*
- 2.30 PM** OP08 - Treatment Formulations for 'Resdung' in Malay Medical Manuscript, MS 699  
*Nur Syazwani Feisal Hamdee*
- 2.45 PM** OP09 - Ancient Remedies for Respiratory Symptoms and Diseases  
*Raja Nurhanin Binti Raja Perdaus*
- 3.00 PM** OP10 - Extraction of Medicinal Information on Respiratory System From MSS 4837  
*Harith Firdouse Bin Idham Khalid*
- 3.15 PM** Q&A Session 2

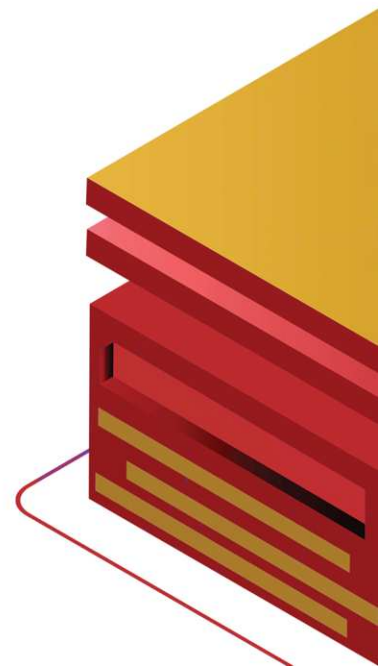


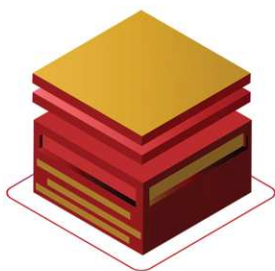


## **SESSION 3 PROGRAMME MATERIALS & METHODS 15<sup>TH</sup> DECEMBER 2020 (DAY 1)**

### **SESSION 3 - Materials & Methods**

- 3.45 PM** OP11 - A Narrative Review on the Potential Use of Board Games for Promoting Malay Medicine  
*Ibrahim Adham bin Taib*
- 4.00 PM** OP12 - The Use of Germinating Parts of Plants; Mata Kunyit, Sunti Halia and Lemukut in Medical Treatment from Malay Medical Manuscripts  
*Intan Shahhira Binti Noorain*
- 4.15 PM** OP13 - Local Units of Measurement and Weight Used in Traditional Malay Medicine Manuscripts (MS 33 DBP)  
*Ros Mahwati Ahmad Zakaria*
- 4.30 PM** OP14 - Aloe vera from Islamic Perspective, Scientific Study and Malay Traditional Medicine Manuscripts: An Analysis of Its Real Potential and Benefits  
*Madiyah Binti Mohd Budiman*
- 4.45 PM** Q&A Session 3

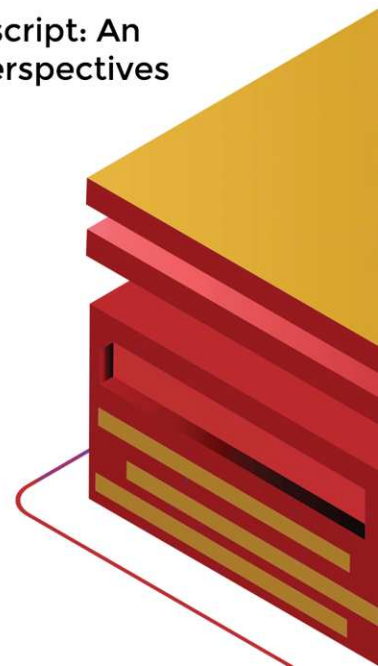




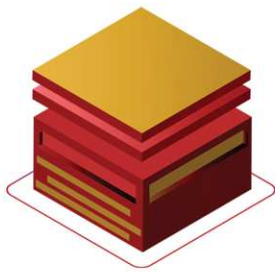
## **SESSION 4 PROGRAMME FROM TEETH TO TUMOUR & TOXIN 16<sup>TH</sup> DECEMBER 2020 (DAY 2)**

### **SESSION 4 - From Teeth to Tumour and Toxin**

- 10.45 AM** OP15 - Dental Diseases and Treatments in *Tayyib al-Ihsan fi Tibb al-Insan*  
***Ahmad Badruddin Ghazali***
- 11.00 AM** OP16 - *Solanum torvum* for hypertension in 'Kitab al-Tibb': A systematic review on the Scientific Evidence  
***Azlini binti Ismail***
- 11.15 AM** OP17 - The Effectiveness and Application of *Urtica dioica* (Stinging Nettle) for Musculoskeletal Disorders (MSDS): A Systematic Review and Meta-analysis  
***Sahira Syamimi Binti Ahmad Zawawi***
- 11.30 AM** OP18 - Analysis and Medicinal Content of Tumour Treatment in MSS 4016  
***Mohamad Adib Bin Ismail***
- 11.45 PM** OP19 - Traditional Medicine for Cancer Treatments: A Comparative Study Between Scientific Reports and the Malay Medical Manuscripts  
***Mardhiah Mohammad***
- 12.00 PM** OP20 - *Zingiber officinale* Rhizome Extract as A Potential Anti-Snake Venom  
***Nurrul Hazwani Mohamad Yunus***
- 12.15 PM** OP21 - Jujube in Malay Medical Manuscript: An Analysis from Scientific and Islamic Perspectives  
***Najihah binti Mohamad Sabri***
- 12.30 PM** Q&A Session 4



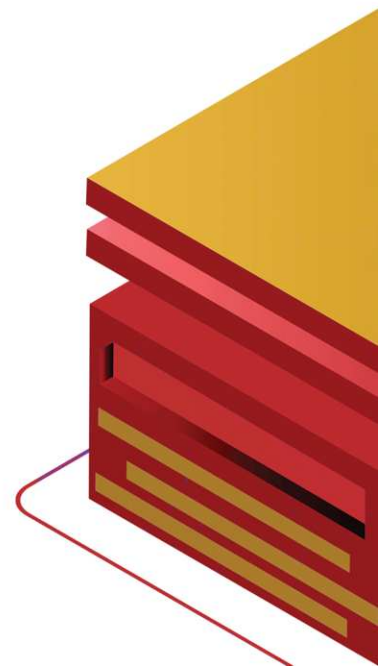




## **SESSION 5 PROGRAMME INFECTIOUS DISEASES 16<sup>TH</sup> DECEMBER 2020 (DAY 2)**

### **SESSION 5 - Infectious Diseases**

- 2.00 PM** OP22 - Biomedical Appraisal of Malay Medical Manuscript MSS 4016 on Typhoid Fever  
*Muhammad Hakimi bin Ruzaidee*
- 2.15 PM** OP23 - Finding Cures for the Emerging Yaws  
*Nurul Syahirah Binti Abdul Halim*
- 2.30 PM** OP24 - Antimalarial Assessment on the Formulation from Tayyib Al-Ihsan Fi Tibb Al-insan By Shaikh Ahmad Al-Fatani  
*Nur Khairulbariah Khairul Niza*
- 2.45 PM** OP25 - *In vivo* Antiplasmodial Assessment of *Syzygium aromaticum* Based on the Formulation From the Malay Medical Manuscripts  
*Norazsida Binti Ramli*
- 3.00 PM** OP26 - Antibacterial Activity of *Allium cepa*-based Formulations as Documented in the Malay Medical Manuscripts  
*Hanani Ahmad Yusof @ Hanafi*
- 3.15 PM** OP27 - Black Seeds (*Nigella sativa*) from Islamic and Science Perspective  
*Mawaddah Bt Abd Manan*
- 3.30 PM** OP28 - Leaf Anatomy of the Medicinal Plant *Citrus aurantifolia* (Christm.) Swingle  
*Zainab Sholehah Abdul Rashid*
- 3.45 PM** Q&A Session 5



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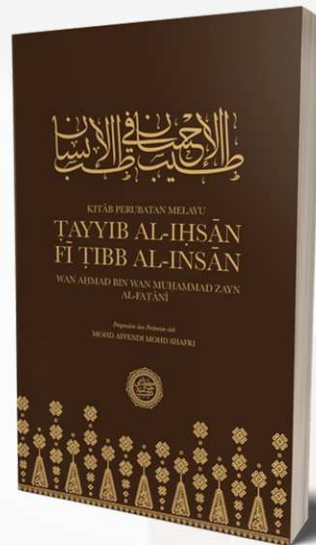
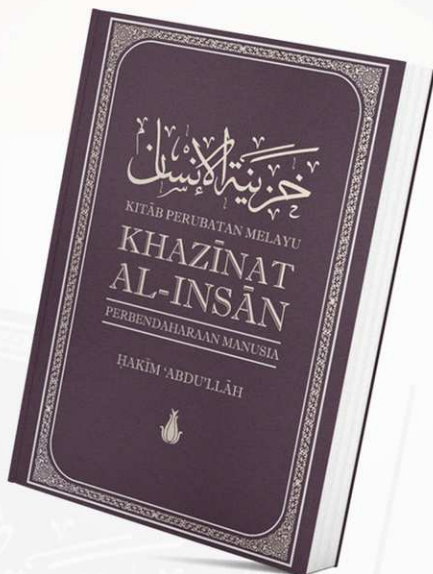
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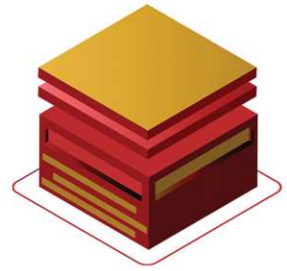


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