

SYMPOSIUM ORAL PRESENTATION SCHEDULE

Date: 23 November 2022

ORAL PRESENTATION SESSION 1

TIME: 1130 – 1210

Theme: Clinical Lab Diagnostic

Venue: Microsoft team

1. Molecular, Metabolomic and Nutritional Changes After Metabolic Surgery Among Obese Diabetes Patients and Biomarkers of Different Diabetes Status - MoMen Study: The Protocol.

Fazliana Mansor, Nor Hanipah Z, Barakatun Nisak MY, Nur Azlin ZA, Zhuan TY, Farah Huda M, Mohd Naeem MN, Norazian MM, Siti Norfzah MS, Siti Mastura AA, Siti Azrinah AA, Stephanie FJ, Iffah M, Nurhafizah S, Siti Haslina O, Lim SY, Tikfu G

2. Bone Strength of Postmenopausal Osteoporotic Rat Models.

Eza Warda, Nadia Mohd Effendy

3. Polyamines and Chemoprevention Strategy: *Momordica carantia* and *Gynura procumbens* in Human Lung Adenocarcinoma Cells, A549.

Maryam Azalan, Nurhikmah Ahmad Sujangi, Radiah Abdul Ghani

4. Effects of Omega-3 and Omega-6 Fatty Acids Treatment on the Behaviour of Rats.

Mohd Jamiaa Qadir Mohd Badrin, Izreen Supaat, Tuan Syarifah Izuan Tuan Othman, Koyou HL, Perumal S

Theme: Public Health

Venue: Microsoft team

1. Structural Relationship of Psychiatric Disorders, Quality of Life, Coping Styles and Their Associated Factors Among Brain Pathology Patients and Hematological Cancer Patients.

Das Priscilla, Naing Nyi Nyi, Wan-Arfah Nadiyah, Noorjan KON, Yee Cheng Kueh, Rasalingam Kantha

2. Knowledge, Attitude, Practice and Health Belief of University Students Regarding Testicular Cancer and Testicular Self-Examination.

Firdaus Zulkifli, Fatimah Sham, Ahnaf Jamaluddin, Razif Dasiman, Mahadi Kamaludin

3. Nurses in the Loop of Pressure Ulcer Prevention.

Nordianna Seman, Maripen Kuta Nasreen, Mamat Nur Liyana Nabihah

4. Emerging Role of Community Pharmacists: An Explorative View on Screening and Management of Mental Health.

Amutha Selvaraj, Shien Loong Mok, Jing Ying Chuah, Kun Jin Lee, Yee Dom Lim, Jamuna Rani Appalasaamy, Pui San Saw

Theme: Bioengineering & Healthcare Technology

Venue: Microsoft team

1. Preparation and Characterization of Fish Scales Hydroxyapatite/Collagen Composites Beads: Cytotoxic and Cell Attachment Studies.

Mustafa Mudhafar, Ismail Zainol, Alsailawi HA

2. Evaluation of a Newly Developed Automated Ovitrap as a Mosquito Reporting System and DNA Barcoding of Mosquito.

Foo Xin Yee, Yukgehnaish Kumarasan, Sumitra Sivaprakasam, Ahmad Faiz, Lee Su Yin, Sivachandran Parimannan and Manickam Ravichandran

3. Development of Smart Face Shield Using IoT in Practicing Social Distancing.

Siti Afifah Mohshim, I Iskandar Abd Rashid, Fadli Fadzir M

4. Automated Cell Detection and Characterization Using AIoT for Bio-Research and Manufacturing Towards IR 4.0.

Ahmad Syahrin Idris, Muhammad Hafizi Abdul Malik, Siti Fauziah Toha

Theme: Biomedical Science

Venue: Microsoft team

1. Acanthamoeba T4 from Contact Lens Paraphernalia Mediated Cytopathic Effects and Cytotoxic Potentials Towards Epithelial Cells.

Rosnani Hanim Mohd Hussain, Abdul Ghani MK, Khan NA, Siddiqui R, Anuar TS

2. Neuroprotection by Philanthotoxin-343 via Modulation of the Expression of Calcium Regulated Protein Against NMDA-induced Retinal Ganglion Cell Apoptosis in Rats.

Muhammad Fattah Fazel, Izuddin Fahmy Abu, Mohamad Haiqal Nizar Mohamad, Renu Agarwal, Igor Iezhitsa, Nurul Alimah Abdul Nasir, Nor Salmah Bakar, Ian R Mellor, Henrik Franzky

3. Metabolomics Analysis of Endophytic *Diaporthe fraxini* and its Antioxidant Activity.

Kashvintha Nagarajan, Woei-Yenn Tong, Chean-Ring Leong, Wen-Nee Tan

4. Perceptions of Medical Students in Malaysia Towards Online Anatomy Learning During the COVID-19 Pandemic.

Nur Alya Athirah Nordin, Abd Hadi NFN, Mohd Yasir MI, Mohamad Hamdan MHA, Zaidi NA, Abul Hassan UA, Zulkifli AS, Khairudin NSS

ORAL PRESENTATION SESSION 2

TIME: 1500 – 1600

Theme: Clinical Lab Diagnostic

Venue: Microsoft team

1. Characterization of Schwann Cell Phenotype in Culture for Diabetic Peripheral Neuropathy Study.
Nurul Husna Abd Razak, Muhammad Fauzi Daud
2. A Literature Study: The Effectiveness of Using Xylene Alternative Substances as Clearing Agents in Histological Preparations.
Anggita Windu Pangastuti, Rahmawati Yeni, Isnin Aulia Ulfah Mu'awanah
3. Preliminary Screening of *Durio zibethinus* Linn (D197) Leaf Extracts for its Antioxidant Activity and Cytotoxicity on Cervix Adenocarcinoma (HELA) Cancer Cell Line.
Hemaniswarri Dewi Dewadas, Lim WY, Thiagarajah K, Tey LH, Shah Jehan Muttiah N
4. Effect of Trigona Honey on Serum Insulin Level and Lipid Profile in Streptozotocin-induced Diabetic Rats.
Ahmad Najib Hasan, Zuhaida Che Embi, Zainie Aboo Bakkar, Taufiq Badaruddin

Theme: Public Health

Venue: Microsoft team

1. Association of Flood Risk Pattern with Waterborne Bacterial Diseases in Kuantan, Pahang.
Nur Zahidah Shafii, Saudi ASM, Pang JC, Abu IF, Sapawe N, Kamarudin MKA
2. Motivational Enhancement Intervention to Change Drinking Behaviour: A Module Development.
Asong Joseph
3. Imprinting the Objective of Disaster Management in Formal Training and Education.
Khairilmizal Samsudin, Ahmad Faizol H, Nur Fatin Najihah G, MF Hussin, Ainul Husna K
4. Features of Future Ventilation Systems.
Mohamad Asmidzam Ahamat, Abidin R, Roslin EN

Theme: Bioengineering & Healthcare Technology

Venue: Microsoft team

1. Wound Healing Activity of a Commercial Wound Care Product: Spray 8.
Kelvin Soo, Hanan Kumar Gopalan, Leong Chean Ring, Tong Woei Yenn
2. Assessment of Knowledge, Attitude, and Practice of Open Burning of Solid Waste in Penang and Kedah, Malaysia.
Sutha Devaraj, Swe Swe Latt, Aye Aye Tun, Leela Anthony
3. Effectiveness of Pulmonary Telerehabilitation on Exercise Tolerance, Fatigue, Perceived Exertion, Depression and Quality of Life among Post COVID-19 Survivors: A Quasi Experimental Study.
Sivaguru Muthusamy, Ramanathan RMPL, Ambusam Subramaniam, Anusuya Krishnan, Krishna Kumar, Jagannathan, Abirami Rajagopal
4. Influence of Culture Conditions on the *ex vivo* Expansion and Hematopoietic Supportive Capacity of Human Mesenchymal Stromal Cells.
Maria Catarina Carreira, Branco A, Platzgummer AF, da Silva CL

Theme: Biomedical Science

Venue: Microsoft team

1. Hyperbaric Oxygen as Therapy and Prevention in Neurological Long COVID.
Sofia Wardhani, Guritno S, Putri NAP
2. Antimicrobial Effects of Phomopsidione Against Methicillin-Resistant *Staphylococcus aureus* (MRSA).
Wei Yee-Min, Tan Joo-Shun, Tong Woei-Yenn, Tan Wen-Nee
3. P53 and PCNA Level in Leukaemia-Lymphoma Rats Treated with Ethanollic Extracts of *Christia Vespertilionis* (L.f.) Bakh.f. Leaves and *Morinda Citrifolia* L. Fruits.
Nurul Syahirah Ahmad Sayuti, Rosly SM, Noordin MM, Mazlin M, Azrina A, Hazilawati H
4. Ethanol Extract and Fractions Papaya Stem (*Carica papaya* L) Give Antioxidant Activity Using FRAP Method and Shows Correlation with the Levels of Flavonoid.
Tiara Ajeng Listyani, Muhamad Hidayat, Danang Raharjo

SYMPOSIUM ORAL PRESENTATION SCHEDULE

Date: 24 November 2022

ORAL PRESENTATION SESSION 3

TIME: 1050 – 1130

Theme: Clinical Lab Diagnostic/Biomedical Science

Venue: Microsoft team

1. Environmental Enrichment Improves Hippocampal Neurons and Hippocampal-Dependent Memory in Cognitively Impaired Type 2 Diabetic Rats.
Teh Rasyidah Ismail, Christina Gertrude Yap, Rakesh Naidu, Narendra Pamidi
2. Investigation of the Effect of *Hibiscus rosa-sinensis* Leaves Ethanolic Extract (HREE) on Spermatogenesis in Male Rats.
Shobaaharan Selvaraja, Venkateskumar Krishnamoorthy, Subramani Parasuraman, Ravichandran Veerasamy, Geethaa Sahgal, Sanchithaa Thambirajah, Sukumaran Manickam, Surash Ramanathan
3. High Performance Liquid Chromatography Analysis of Ellagic Acid in the *Quercus infectoria* Gall Methanolic Extract.
Nurul Hammizah Hamidon, Nik Nor Imam Nik Mat Zin, Shaida Fariza Sulaiman, Nurul Izza Nordin, Nurhidanatasha Abu Bakar
4. Antibacterial Test Formulation of Transparent Solid Soap Clove Leaf (*Syzygium aromaticum* L.) Extract Against *Staphylococcus epidermidis* ATCC 12228.
Tatiana Siska Wardani, Deatiani D

Theme: Public Health

Venue: Microsoft team

1. The Impact of the COVID-19 Epidemic on Mental Health Among University Staff: An Institution-based Cross-sectional Study
Swe Swe Latt, Saraswathi Bina Rai, Leela Anthony, Sudarsan, Manickam Ravichandran
2. Spiritual Well-being and Mental Health Among Malaysians During the COVID-19 Pandemic: Intrafamilial Relations as the Mediator.
Mimi Fitriana, Jasmine Ahmad
3. “Cyclic & “APecR” Programs On Self-Health Profiling among Urban Elder Adults.
Tan Chee Hian, Lee Jung Young, Raja Mohammad Firhad Raja Abidin, Walter King Yan Ho, Tetsushi Moriguchi

4. Assessment of Ambient Air Quality in Hulu Langat District, Selangor, Malaysia.
Ahmad Shakir Mohd Saudi, Abdullah A, Shafii NZ, Khairuddin MZF, Ismail MF, Mejia PAC, Kadir KA, Saudi MM, Kamarudin MKA, Muhammad-Sukki F, Ali MH, and Bani NA

Theme: Public Health

Venue: Microsoft team

1. Nutritional Status Assessment of Medical and Dental Students of a Tertiary Medical Institution, Malaysia.
Jegathambigai Rameshwar Naidu, Ramachandran Dinesh Sangarraningh Kuldeep Raveendeeep, Yei Chen Samantha Lam, Ram Saravanan Dhakshin
2. Association of Mobile Health Applications Usage with Eating Behaviour and Physical Activity Among Young Adults in Malaysia.
Wong Yin Wei, Lau Zi Ch'ng
3. Imprinting the Objective of Disaster Management in Formal Training and Education.
Nicole Shuk Leng Chan, Teh E Xuen, Ley Alexander Bang Zhen, Kow Chia Siang, Ramachandran Dinesh Sangarran
4. The Feasibility and Effectiveness of Telenutrition for Remote Dietary Consultation: A Systematic Review Protocol.
Nur Liyana Hasnaa, Noraishah, Hazirah N, Azdie W, Azwani N

Theme: Biomedical Science

Venue: Microsoft team

1. Identification of RNA-Binding Proteins in Spinal Cord Injury: An *in silico* Approach.
Jalilah Idris, Pang Jyh Chyang, Wan Ahmad Kamil WNI, Muhammad Fauzi Daud
2. *Rhodomyrtus tomentosa* Methanol Extract Promotes Wound Healing *in vitro*.
Evana Kamarudin, Halim Hasser, Kamarazaman Ihsan Safwan
3. Herbs Integration with Allopathic Medicine by Patients with Hypertension: A Systematic Review.
Raphael Joe Joachimdass, Teo Chin Hai, Kavitha Subramaniam, Francis Natalia Shania, Loganathan Annaletchumy
4. Evaluation of Thirty-minute Ambulatory Blood Pressure Measurement and Blood Biochemistry Parameters in Hypertensive Adults Integrating Herbs: Point of Care Analysis-based Cross-sectional Study.
Natalia Shania Francis, Raphael Joe Joachimdass, Loganathan Annaletchumy Lim YM, Mat S

ORAL PRESENTATION SESSION 4

TIME: 1420 – 1500

Theme: Biomedical Science

Venue: Microsoft team

1. Influence of Culture Conditions for Enhancement of Anti-MRSA Activity Produced by *Ceratobasidium ramicola* IBRLCM127, a Fungal Endophyte Isolated from Rhizome of *Curcuma mangga* Valetton & Zijp using Submerged Fermentation System.
Kharul Azmi Muazzam Abdul Rahman, Abdul Rahim MSA, Zarkasi KZ, Ibrahim D
2. Philanthotoxin-343 Inhibits NMDA-Induced Excitotoxicity Injury in Rat Retina via the Modulation of Oxidative and Nitrosative Stress.
Mohamad Haiqal Nizar Mohamad, Izuddin Fahmy Abu, Muhammad Fattah Fazel, Renu Agarwal, Igor Iezhitsa, Razali N, Henrik Franzyk, Ian R Mellor
3. Bioinformatics Analysis of Epstein-Barr Virus MicroRNA Regulation on Long-non Coding RNAs through Messenger RNAs via Competing Endogenous RNA Network in Nasopharyngeal Cancer.
Daphne Sadai, Edmund Ui Hang Sim
4. Hepatitis B Virus Genomic Nucleic Acid in the Activation and Maturation of Bone Marrow-derived Dendritic Cells.
Leong Chean Ring, Seya T, Tong Woie Yenn

Theme: Public Health

Venue: Microsoft team

1. Fractional Exhaled Nitric Oxide (FeNO) Levels in School Children with Asthma: Associations with Indoor Microbiome.
Khairul Nizam Mohd Isa, Juliana Jalaludin, Zailina Hashim, Leslie Thian Lung Than, Jamal Hisham Hashim
2. Understanding How Engineering and Nursing Students Perceived Professional Practice, Values and Technical Knowledge (PVT) through Concept Maps.
Nina Fatima Ali
3. Profiling of Musculoskeletal Injuries and Associated Risk Factors Among Brazilian Jiu-Jitsu.
Vinosh Kumar, Yassin T, Ambusam S, Rajkumar KV, Nithiyah M
4. COVID-19 Related Factors and Depressive Symptoms in Malaysian Older Adults: The Mediating Role of Loneliness.
Dexter Shee, Hamimatunnisa Johar, Alexandre Schaefer, Tin Tin Su

Theme: Public Health/Bioengineering Healthcare Technology

Venue: Microsoft team

1. Breastfeeding Practice, Support, Self-Efficacy and Postpartum Depression (PPD) Among Malaysian Mothers During the COVID-19 Pandemic.
Kokila Thiagarajah, Bala Subramaniam S, Ng MYT
2. The Relationship between Depression and Social Media Addiction among University Students: An Overview of Preliminary Findings.
Norliza Shah Jehan Muttiah, Phoon LQ, Nisar H, Tan CS
3. Social Jetlag: Does it Influence Sleep Quality and Weight Gain During Pregnancy?
Ee Yin Kok, Satvinder Kaur, Vennie Cheah
4. A Novel Antimicrobial Peptide (AMP) Producing Bacteria Isolated from the Skin of *Achatina fulica*.
Nur Husna Hafiza Lyana Ramzah, Leong Chean Ring, Tong Woie Yenn, Tan Wen-Nee

Theme: Biomedical Science

Venue: Microsoft team

1. The Effect of *Clinacanthus nutans* Extract on PCOS Induced-rats.
Muhammad Alif Naim, Mehru Nisha, Tong Woei Yenn, Fabian Davamani
2. The *in vitro* Antimalarial Activity of Ellagic Acid Against Chloroquine-sensitive (3D7) and Chloroquine-resistant (W2) Strains of *Plasmodium falciparum*.
Thuduhena Anjana Chamilka, Siti Nasuha Hamzah, Nurhidanatasha Abu Bakar
3. Cholic Acid: A Novel Uncompetitive Steroidal Inhibitor of Beta-lactamase Produced by Multidrug-resistant Isolates.
Tong Woei Yenn, Leong Chean Ring, Syarifah Ab Rashid, Tan Wen-Nee
4. Mangkokan Leaf Extract and Fraction (*Notophanax scutellarium* Merr) Showed Antibacterial Activity Against *Staphylococcus aureus* ATC 25923 Using the Dilution Method.
Kusumaningtyas Siwi Artini, Tiara Ajeng L, Bestari Yunita