



3rd UniKL RCMP POSTGRADUATE COLLOQUIUM 2025

THEME: EMPOWERING RESEARCH, ENRICHING KNOWLEDGE

Venue: Ibn Al-Baytar, Universiti Kuala Lumpur Royal College of Medicine Perak
(UniKL RCMP), Ipoh, Perak, Malaysia.

Date: 30th September 2025

PROGRAMME SCHEDULE

Time	Agenda		
7:45 AM – 8:20 AM	Registration + Breakfast		
8:20 AM	Arrival of Guests		
8:30 AM – 8:35 AM	Du'a Recitation		
8:35 AM – 8:45 AM	Welcoming Address		
8:45 AM – 9:15 AM	Invited Speaker Session 1: The Role of Publications in Advancing Research by Dr. Shahnaz Majeed, UniKL RCMP		
Oral Presentations – Session 1			
9:15 AM – 9:30 AM	OP6	A Conceptual Framework of Drugs and Substances Abuse Prevention Education Module (DSPEM): Integrating of an ADDIE Model and Behaviours Approach	Ms. Khairiah Binti Santa, UiTM Pulau Pinang
9:30 AM – 9:45 AM	OP15	The Correspondence Between Quercetin and Activation of Microglia Through Anti-Inflammatory Reprogramming	Ms. Aina Najwa Binti Mohamad Aziz, UniKL RCMP
9:45 AM – 10:00 AM	OP7	Survival Mechanism of Non-Small Cell Lung Cancer: Ferroptosis Adaptations	Mr. Rizal Za'im Bin Ramli, UniKL RCMP
10:00 AM – 10:15 AM	OP5	From Insight to Innovation: The KASIH Time Banking App for Ageing Communities in Malaysia	Ms. Aziela Binti Arif, UniKL RCMP
10:15 AM – 10:30 AM	OPI	<i>In Vivo</i> Investigation of Schwarzinicine A as a Transient Receptor Potential Canonical (TRPC) Channel Inhibitor in Modulating Blood Pressure	Ms. Shobana Kumar, UM
10:30 AM – 11:00 AM	Tea Break		



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PROGRAMME SCHEDULE: MORNING SESSION

Time	Agenda		
Oral Presentations – Session 2			
11:00 AM – 11:15 AM	OP4	Biochar-Driven Methane Enhancement: Converting Oil Palm Residues into Energy	Ms. Stasha Eleanor Rosland Abel, MPOB
11:15 AM – 11:30 AM	OP16	The Art of War Applied to Outbreak Control: A Multi-Method Parallel Triangulation Study Exploring the Application of Sun Tzu's Art of War in the CoViD-19 Pandemic – Quantitative Findings	Dr. Alvin Tan Lik Hooi, UniKL RCMP
11:30 AM – 11:45 AM	OP11	The Effect of Hyperglycemia on Schwann Cell Plasticity for Diabetic Peripheral Neuropathy Studies	Ms. Nurul Husna Binti Abd Razak, UniKL MESTECH
11:45 AM – 12:00 PM	OP3	Potentiating Inhibition of Cancer Cell Migration by Gallic Acid and Cisplatin on HeLa Cells via Wound Healing Assay	Ms. Syahirah Sazeli, USM
12:00 PM – 12:15 PM	OP2	Molecular Docking and Dynamic Simulations of New Diarylpentanoid Analogue as Potential Anti-Angiogenic Agent Against TLR4/MD2 Signalling	Mr. Darsshenn Ramana A/L Kathirasan, UniKL RCMP
12:15 PM – 12:30 PM	EV1	Molecular Detection of Zoonotic Malaria: <i>In Silico</i> Evaluation of the <i>Plasmodium</i> Mitochondrial Cytochrome C Oxidase III (COX3) Gene as a Target Gene	Ms. Fahira Ainun Nisa, Universitas Indonesia



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Time	Agenda		
Poster Presentations – Parallel Session 1			
12:30 PM – 12:40 PM	PP7	Modified Starches as Sustainable Conjugation Platforms for Secondary Metabolites: A Review	Ms. Hikmah Binti Mohamad Idi, UniKL RCMP
12:40 PM – 12:50 PM	PP3	<i>In Silico</i> Design and Construction of an ICAM-1 Targeting Ligand Expressed in HEK293T Cells for Exosome Drug Delivery	Ms. Nur Aliaa Sorfina Binti Tajul Akmal, UniKL RCMP
12:50 PM – 1:00 PM	PP2	Discovering the Leaves of <i>Annona Muricata L.</i> as a Source of Potential Immunotherapeutic Agents	Ms. Nur Sahira Binti Zulkefli, UniKL RCMP
1:00 PM – 1:10 PM	PP4	Recent Advances in Bacterial Extracellular Vesicles (BEVs) for Targeting Colorectal Cancer (CRC)	Ms. Nurul Lisa Fauzihana Binti Mohd Kamal, UniKL RCMP
1:00 PM – 2:00 PM	Lunch Break		



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Poster Presentations – Parallel Session 2			
12:30 PM – 12:40 PM	PP5	Actigraphy-Based Measurement of Sleep in Insomnia: A Narrative Review of Parameters and Clinical Relevance	Ms. Rara Merinda Puspitasari, UniKL RCMP
12:40 PM – 12:50 PM	PP1	Designing Radiation Resilience: A Systematic Review of Nanocomposite Materials, Monte Carlo Simulations, and Functional Shielding Structures	Ms. Rosshasni Yasim, UniKL RCMP
12:50 PM – 1:00 PM	PP6	Development of Multi-Adjuvant Cell-Based-Nanovaccine as a Delivery Platform for Peptide Antigen in Breast Cancer	Ms. Sanggeeta A/P Kesavan, UniKL RCMP
1:00 PM – 1:10 PM	PP8	Perception, Readiness, and Predictors for Providing and Improving Access to Mental Health Services Among Pharmacists in Malaysia: A Pre-Liminary Study	Ms. Siti Normiyah Binti Hussin, UniKL RCMP
1:10 PM – 1:20 PM	PP9	Environmental Detection of <i>Burkholderia pseudomallei</i> in Kampung Tanjak Jerneh, Terengganu by Real-Time PCR	Ms. Masitah Binti Ismail, UniKL RCMP
1:00 PM – 2:00 PM	Lunch Break		



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2:00 PM – 2:30 PM	Invited Speaker Session 2: Research Impact: A Simple Guide for Postgraduate by Madam Nur Najihah ‘Izzati Mat Rani, UniKL RCMP		
Oral Presentations – Session 3			
2:30 PM – 2:45 PM	OP8	Targeting Dengue at its Core: Emerging Antiviral Strategies and Challenges in the Antiviral Development	Ms. Nurul Kamal Hidayah Binti Kamal Harmoni, UniKL RCMP
2:45 PM – 3:00 PM	OP13	Differential Effects of IGFBP2 on HeLa Cell Proliferation and Migration Under Low and High Glucose Environments	Mr. Shaharul Afendi Bin Shaharuddin Kee, UniKL RCMP
3:00 PM – 3:15 PM	EV2	<i>In Silico</i> Study of <i>Ficus deltoidea</i> as an Adjuvant to Tamoxifen Targeting CYP2D6	Ms. Keo Sopheak, Universitas Indonesia
3:15 PM – 3:30 PM	OP9	Structure-Activity Relationship of Potential TLR4 Antagonists Targeting VEGF-Mediated Angiogenesis in Triple-Negative Breast Cancer	Ms. Siti Nor ‘Izzah Binti Normizan, UniKL RCMP
3:30 PM – 3:45 PM	OP10	Mechanistic Insights into the Cytotoxicity of Karanjin and Curcumin Nanoparticles in Cervical Cancer: A Network Pharmacology Approach	Ms. Nurul Anissa Binti Zamri, UniKL RCMP
3:45 PM – 4:00 PM	OP12	Sodium Arsenite Toxicity in Primary Astrocyte: Linking Viability Reduction to Morphological Alterations	Ms. Noor Syazwani Najwa Binti Mohd Zain, UniKL RCMP
4:00 PM – 4:30 PM	Tea Break		
4:30 PM – 5:00 PM	Awards Presentation & Closing Ceremony		



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E-POSTER PROGRAMME SCHEDULE

E-Poster Session		
EP2	Comprehensive Genetic Modifier Analysis in β -Thalassemia Using Strip Assays: A Protocol for Personalised Medicine Approaches	Ms. Annisa Octiandari Pertiwi, Universitas Indonesia
EP4	Theoretical Investigation of Selective Inhibitory Activity of Flavanone Compounds Against Estrogen Receptors (ER)- α and β	Ms. Faustina Kusuma Danny, Universitas Sumatera Utara
EP1	Computational Insights into the Anti-Inflammatory Activity of <i>Ampelocissus thyriflora</i> Flavonoids Through TLR4 Inhibition	Dr. Henny Sri Wahyuni, Universitas Sumatera Utara
EP3	<i>In vitro</i> , <i>In silico</i> , and GC-MS-Based Multi-Dimensional Pharmacognostic and Phytochemical Characterisation of <i>Clerodendrum infortunatum</i> flower	Mr. Md. Rezwan Ahmed Mahedi, Comilla University

The following link provides access to the e-posters and e-videos submitted for the colloquium:

- E-video: <https://shorturl.at/7D1zT>
- E-poster: <https://shorturl.at/DkCjX>