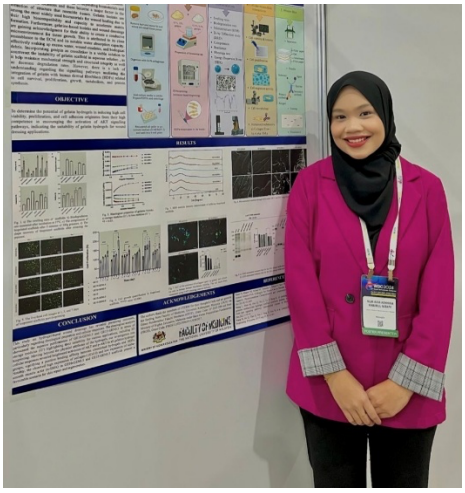
Shortlisted Awardees for TESMA Travel Grant 2025:

Name	**:**	Nur Aifa Asyhira Binti Khairul Nizam 
TESMA Member Since	**:**	March 2025
Academic Background	**:**	Bachelor of Science (Microbiology), Universiti Sains Malaysia, (USM), Pulau Pinang (2019–2023)
FYP Title	**:**	Microfungal Communities in Agricultural, Urban and Forest Environment
Role & Current University	**:**	PhD candidate at Universiti Kebangsaan Malaysia (UKM)
Department	**:**	Department of Tissue Engineering and Regenerative Medicine (DTERM) Faculty of Medicine, UKM.
Current Research Project	**:**	3D-Bioprinted Gelatin-SIKVAV vs Palmitoyl-GDPH Bioinks for Chronic Wound: A Comparative In Vivo Study
Supervisor	**:**	Assoc. Prof. Dr. Mohd Fauzi Bin Mh Busra
Co-supervisors	**:**	Dr. Manira Maarof (UKM) , Assoc. Prof. Dr. Haslina Ahmad (UPM) & Prof. Antonella Motta (Trento University, Italy).
Research Interest	**:**	Tissue Engineering & Regenerative Medicine, Functional Biomaterials, Skin Tissue Engineering, and Wound healing
Publications	**:**	1) Injectable Gelatin-Palmitoyl-GDPH Hydrogels as Bioinks for Future Cutaneous Regeneration: Physicochemical Characterization and Cytotoxicity Assessment 2) Current Insight of Peptide-Based Hydrogels for Chronic Wound Healing Applications: A Concise Review Title of Talk: Performance of Gelatin-SIKVAV and Gelatin-Palmitoyl-GDPH Bioinks via An Extrusion-Based of 3D Bioprinting: An In Vitro Evaluation using Primary Human Dermal Fibroblasts
Talk title at TERMIS-AP	**:**	Performance of Gelatin-SIKVAV and Gelatin-Palmitoyl-GDPH Bioinks via An Extrusion-Based of 3D Bioprinting: An In Vitro Evaluation using Primary Human Dermal Fibroblasts

Name	**:**	Nurul Ain binti Ahmad Zawawi 
TESMA Member Since	**:**	March 2025
Academic Background	**:**	Bachelor of Science (Hons.) Biology, Universiti Teknologi MARA (UiTM) (2019–2023)
FYP Title	**:**	Genotoxicity and Cytotoxicity Effects of Whitening Supplements Using Vigna radiata as Plant Bioassay
Role & Current University	**:**	PhD candidate at Universiti Kebangsaan Malaysia (UKM)
Department	**:**	Department of Tissue Engineering and Regenerative Medicine (DTERM), Faculty of Medicine, UKM.
Current Research Project	**:**	In Vivo Evaluation of the Therapeutic Potential of Plant Extract-Loaded Adhesive Hydrogel Patches for Treatment of Atopic Dermatitis
Supervisor	**:**	Assoc. Prof. Dr. Mohd Fauzi Bin Mh Busra
Co-supervisors	**:**	Dr. Manira Maarof (UKM) , Assoc. Prof. Dr. Haslina Ahmad (UPM) & Dr Ebrahim Mahmoudi (UKM)
Research Interest	**:**	Tissue engineering, Regenerative medicine, Functional biomaterials, Atopic dermatitis, Inflammatory skin disorders, Wound healing
Publications	**:**	1) Flavonoids as Natural Anti-Inflammatory Agents in the Atopic Dermatitis Treatment 2) Hybrid Adhesive Hydrogel Patch Containing Genipin-Crosslinked Gelatin–Hyaluronic Acid for Future Use in Atopic Dermatitis
Talk title at TERMIS-AP	**:**	Nature-Inspired Solutions for Inflammatory Skin Disorders: The Promise of Bioactive Hydrogels

Name	**:**	Andik Nisa Zahra Binti Zainuddin 
TESMA Member Since	**:**	March 2025
Academic Background	**:**	Bachelor of Biotechnology, International Islamic University Malaysia (IIUM) Kuantan (2020–2024), CGPA: 3.84
FYP Title	**:**	Biosynthesis and Characterization of Polyhydroxyalkanoates (PHA) from Pseudomonas aeruginosa
Role & Current University	**:**	PhD Student, Universiti Kebangsaan Malaysia (UKM)
Department	**:**	Department of Tissue Engineering and Regenerative Medicine, Faculty of Medicine
Current Research Project	**:**	The interaction of injectable hybrid Gelatin-PVA + nanoCollagen-Graphene Oxide hydrogel incorporated with Kelulut Honey on human dermal fibroblasts
Supervisor	**:**	Assoc. Prof. Dr. Mohd Fauzi Bin Mh Busra
Co-supervisors	**:**	Dr. Manira Maarof, Dr. Ebrahim Mahmoudi, Asst. Prof. Dr. Yanghee Kim, Dr. Nur Izzah Md Fadilah
Research Interest	**:**	Biomaterials, tissue engineering, regenerative medicine, and wound healing applications
Publications	**:**	A Comprehensive Review of Honey-Containing Hydrogel for Wound Healing Applications Kelulut Honey-Incorporated Hybrid Gelatin-PVA Hydrogel for Wound Healing: Fabrication and In Vitro Characterization
Talk title at TERMIS-AP	**:**	Kelulut Honey Incorporated Hybrid Gelatin-PVA Hydrogel for Wound Healing: Fabrication, Physicochemical, and Chemical Characterization