

SENARAI PEMENANG KLUSTER MAKANAN

No.	Booth No.	Project Leader Name	Invention / Innovation Title	Category	Cluster	Faculty / Institute / School / Academy	Medal
1	C-FD-510	Foo Hooi Ling	Novel Nutraceutical Metabolites Produced by Probiotic Strains of <i>Lactobacillus plantarum</i> Exert Selective Cytotoxic and Antiproliferative Effects on Human Cancer Cells	Product / Innovation (C)	Food (FD)	Faculty of Biotechnology and Biomolecular Sciences	Gold
2	B-FD-294	Jinap Selamat	An UPLC/MS/MS for simultaneous determination of Aflatoxins, Ochratoxin A, Zearalenone, DON, fumonisins, T2-Toxin and HT2-Toxin, in cereals	Applied Research (B)	Food (FD)	Faculty of Food Science and Technology	Gold
3	B-FD-296	Jinap Selamat	Advanced methodology for simultaneous determination of mycotoxins	Applied Research (B)	Food (FD)	Faculty of Food Science and Technology	Gold
4	B-FD-293	Fatimah Abu Bakar	Halotolerant <i>Staphylococcus carnosus</i> FS19 as a potential histamine degrader	Applied Research (B)	Food (FD)	Faculty of Food Science and Technology	Gold
5	B-FD-292	Fatimah Abu Bakar	Bactericidal Effects of Mung Bean Sprout against Multidrug (MDR) Resistant Bacteria	Applied Research (B)	Food (FD)	Faculty of Food Science and Technology	Gold
6	B-FD-311	Tan Chin Ping	Preparation of astaxanthin nanodispersions using proteins as stabilizer	Applied Research (B)	Food (FD)	Faculty of Food Science and Technology	Gold
7	B-FD-287	Abu Bakar Salleh	A microbial bioassay system for determination of boric acid using <i>Paecilomyces variotii</i>	Applied Research (B)	Food (FD)	Institute of Bioscience	Gold

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8	B-FD-305	Nur Fadhilah Khairil Mokhtar	Fluorescent labelled hydrolysis probe for detection of porcine in raw and highly processed meat-based products	Applied Research (B)	Food (FD)	Institute of Products Halal Research	Gold
9	B-FD-298	Mohammed Nazrim Marikkar	A Simplified Method To Detect Lard In Pre-Fried Chicken Nuggets	Applied Research (B)	Food (FD)	Institute of Products Halal Research	Gold
10	B-FD-295	Jinap Selamat	Modification of a Gas Chromatography-Mass Spectrometry Method for the Determination of Acrylamide in Fried Snacks	Applied Research (B)	Food (FD)	Faculty of Food Science and Technology	Silver
11	B-FD-290	Azizah Osman	Development of edible coating formulations to delay ripening and maintain quality of Berangan banana (<i>Musa sapientum</i> cv. Berangan)	Applied Research (B)	Food (FD)	Faculty of Food Science and Technology	Silver
12	A-FD-29	Lasekan Olusegun	Analysis of volatile flavour compounds and acrylamide in roasted Malaysian tropical almond (<i>Terminalia catappa</i>) nuts using supercritical fluid extraction	Fundamental (A)	Food (FD)	Faculty of Food Science and Technology	Silver
13	A-FD-31	Lasekan Olusegun	Identification of the aroma-active constituents of the essential oils of Water Dropwort (<i>Oenanthe javanica</i>) and 'Kacip Fatimah' (<i>Labisia pumila</i>)	Fundamental (A)	Food (FD)	Faculty of Food Science and Technology	Silver
14	B-FD-300	Mohd Yazid Abd Manap	Efficacy of lactobacilli to normalize production of corticosterone induced by unpleasant handling of broilers	Applied Research (B)	Food (FD)	Faculty of Food Science and Technology	Silver
15	B-FD-297	Jinap Selamat	Increasing the quantitative value of aflatoxins through optimization of HPLC conditions	Applied Research (B)	Food (FD)	Faculty of Food Science and Technology	Silver

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16	C-FD-509	Azrina Azlan	C-Heart: Heart-friendly vegetable oil	Product / Innovation (C)	Food (FD)	Faculty of Medicine and Health Sciences	Silver
17	B-FD-308	Rosfarizan Mohamad	Improvement of Folate Biosynthesis by Lactic Acid Bacteria	Applied Research (B)	Food (FD)	Institute of Bioscience	Silver
18	A-FD-34	Yaakob Bin Che Man	Application Of Ftir Spectroscopy Coupled With Chemometrics For Authentication Of Nigella Sativa Seed Oil	Fundamental (A)	Food (FD)	Institute of Products Halal Research	Silver
19	A-FD-33	Yaakob Bin Che Man	Comparison of bovine and porcine skin gelatin based on chemical properties	Fundamental (A)	Food (FD)	Institute of Products Halal Research	Silver
20	B-FD-309	Shuhaimi Mustafa	Gold nanoparticle sensor for the visual detection of pork adulteration in meatball	Applied Research (B)	Food (FD)	Institute of Products Halal Research	Silver
21	B-FD-288	Amin Ismail	Purification and composition analysis of polysaccharides from the fibrous pulp of Mangifera pajang fruits in relation to their health-promoting properties	Applied Research (B)	Food (FD)	Institute of Products Halal Research	Silver
22	A-FD-32	Yaakob Bin Che Man	Employment Of Differential Scanning Calorimeter In Detecting Lard Adulteration In Virgin Coconut Oil	Fundamental (A)	Food (FD)	Institute of Products Halal Research	Silver
23	B-FD-302	Mohd Yazid Abd Manap	Age effects on short chain fatty acids concentrations and pH values in the gastrointestinal tract of broiler chickens	Applied Research (B)	Food (FD)	Faculty of Food Science and Technology	Bronze
24	A-FD-30	Lasekan Olusegun	Investigation of the roasting conditions with minimal acrylamide generation in tropical almond (Terminalia catappa) nuts by response surface methodology	Fundamental (A)	Food (FD)	Faculty of Food Science and Technology	Bronze

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25	B-FD-306	Roselina Karim	Optimisation of Kernels Roasting Conditions for Pistachio Paste Production	Applied Research (B)	Food (FD)	Faculty of Food Science and Technology	Bronze
26	B-FD-299	Mohammed Nazrim Marikkar	Identity Characteristics of Lard for its Detection in Sunflower Oil	Applied Research (B)	Food (FD)	Institute of Products Halal Research	Bronze
27	B-FD-289	Asmah Rahmat	A Comparative Assessment of Nutritional Composition, Total Phenolic, Total Flavonoid, Antioxidant Capacity and Antioxidant Vitamins of Two Types of Malaysian Underutilized Fruits (Averrhoa bilimbi and Averrhoa carambola)	Applied Research (B)	Food (FD)	Faculty of Medicine and Health Sciences	Bronze
28	B-FD-291	Chin Nyuk Ling	Rheologically and texturally optimised native sago starch-sugar gels using response surface methodology	Applied Research (B)	Food (FD)	Faculty of Engineering	No Medal
29	B-FD-303	Mohd Yazid Abd Manap	Bile resistance and bile salt deconjugation activity of Bifidobacterium pseudocatenulatum G4 in a simulated colonic pH	Applied Research (B)	Food (FD)	Faculty of Food Science and Technology	No Medal
30	A-FD-28	Faridah Abas	Antioxidant and Antiacetylcholinesterase Activities of Pluchea indica Less.	Fundamental (A)	Food (FD)	Faculty of Food Science and Technology	No Medal
31	B-FD-307	Roselina Karim	Antibacterial Activity of Several Malaysian Leaf Extracts On the Spoilage Bacteria of Yellow Alkaline Noodles	Applied Research (B)	Food (FD)	Faculty of Food Science and Technology	No Medal
32	B-FD-304	Noordiana Nordin	Occurrence of formaldehyde and quality characteristics in selected fish and seafood	Applied Research (B)	Food (FD)	Faculty of Food Science and Technology	No Medal

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33	B-FD-301	Mohd Yazid Abd Manap	In vitro binding of mutagenic heterocyclic aromatic amines by bifidobacterium pseudocatenulatum G4	Applied Research (B)	Food (FD)	Faculty of Food Science and Technology	No Medal
34	B-FD-310	Syariena Arshad	Application of Electronic Nose in Discrimination of Alcoholic and Non-alcoholic Beverages	Applied Research (B)	Food (FD)	Institute of Products Halal Research	No Medal