

**Directory of Core-Competencies**  
**INSTITUTE FOR RESEARCH IN MOLECULAR MEDICINE**  
**Tel: 09-767 3000 Ext: 2404 Fax: 09-764 8673**

NO.	NAME	QUALIFICATIONS	CORE-COMPETENCIES (ENGLISH)	CORE-COMPETENCIES (BAHASA)
1.	AMUTHA SANTHANAM	M.Sc. (India), Ph.D (India)	Fermentation Technology and Bioreactor, Bio Processing, Protein Purification, Industrial Microbiology, Molecular Genetics, Proteomics	Teknologi Fermentasi dan Bioreaktor, Bio Pemrosesan, Penulenan Protein, Mikrobiologi Industri, Genetik Molekul, Proteomik
2.	ASMA BINTI ISMAIL	B.Sc. (Nevada), MA (Indiana), Ph.D (Nevada)	Molecular Biology, Molecular Research on Typhoid or Other Infectious Diseases, Medical Microbiology, Antibiotic Sensitivity Testing, Evaluation of Diagnostic Kits, Rapid Diagnosis of Typhoid and Para-Typhoid Fevers, Medical Biotechnology	Biologi Molekul, Penyelidikan Molekular Mengenai Tifoid atau Penyakit Berjangkit Lain, Mikrobiologi Perubatan, Ujian Sensitiviti Antibiotik, Penilaian Kit Diagnostik, Ujian Pantas untuk Demam Tifoid dan Para-Tifoid, Bioteknologi Perubatan
3.	AZIAH BINTI ISMAIL	B.Sc. (Hons)(UKM), M.Sc. (USM), Ph.D (USM)	Comparative genome	Perbandingan genom
4.	CHEN YENG	MM.Sc. (UM), Ph.D (UM)	Immunoproteomics on Cancers and Other Infectious Diseases: Sample Preparation, Immunology, Protein Profiling / Bioinformatics Search and Targeted Proteomics,	Immunoproteomik Mengenai Kanser-Kanser dan Penyakit Berjangkit yang Lain: Dari Menyedia Sample, Immunologi, Memperoleh Maklumat Protein dan Mendalami Penyelidik Mengenai Protein Secara Spesifik,
5.	CHEW AI LAN	B.Sc. (USM), Ph.D (USM)	Fermentation and Enzyme Technology, Industrial Biotechnology	Fermentasi dan Teknologi Enzim, Bioteknologi Industri
6.	CHOONG YEE SIEW	B.Sc. (UKM), M.Sc. (UKM), Ph.D (USM)	Molecular Modeling, Structural Bioinformatics	Permodelan Molekul, Bioinformatik Struktur
7.	GURJEET KAUR A/P CHATAR SINGH	MD, M.Med. (Path)(USM), MIAC, AM (Mal.)	Histopathology, Cytology, Gastrointestinal Pathology	Pakar Kaji Penyakit Histopatologi, Sitologi, Alimentari
8.	HAMID FAUZI	B.Pharm. (Indonesia), M.Pharm. (Japan), Ph.D (Japan)	Molecular Biology (RNA Technology)	Biologi Molekul (Teknologi RNA)
9.	KHOO BOON YIN	M.Sc. (USM), Ph.D (USM), B.Sc. (USM)	Molecular Biology, Medical Biotechnology, Cancer Biology	Biologi Molekul, Bioteknologi Perubatan, Biologi Kanser
10.	LAI NGIT SHIN	B.Sc. (UMS), M.Sc. (UMS), Ph.D (Saitama)	Chemical Biology, Molecular Biology, Cancer Metastasis	Biologi Kimia, Biologi Molekul, Kanser Metastasis
11.	LIM THEAM SOON	B.Sc. (Hons)(UniMAS), M.Sc. (USM), Ph.D (Berlin)	Antibody Engineering, Molecular Biology, Chromatography Protein	Kejuruteraan Antibody, Biologi Kimia, Kromatografi Protein
12.	MAIZAN BINTI MOHAMED	B.Sc. (Hons)(UKM), M.Sc. (UPM), Ph.D (St. Andrews)	Rapid diagnostics test, animal viral vaccine, virus isolation and assay, molecular epidemiology and protein expression study	Ujian diagnostik cepat, vaksin virus haiwan, pengasingan dan assay, virus, Epidemiologi molekul dan "protein expression study"

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13.	ONG MING THONG	B.Sc. (Geneva), M.Sc. (Geneva), D.Sc. (Geneva)	Cell & Molecular Biology of Cancer and Neuroscience, Biotechnology (Medical, Agricultural & Diagnostics)	Biologi Sel & Molekul untuk Kanser dan Neurosains, Bioteknologi (Perubatan, Pertanian & Diagnostik)
14.	PHUA KIA KIEN	B.Sc. (Hons)(Liverpool), Ph.D (Liverpool)	Autoimmunity, Immunizable Diseases, Molecular Epidemiology of Hepatitis B & C, Biotechnology and Multimedia Production, Development of Diagnostics Test Kit Typhoid ELISA	Penyakit Berpunca Sistem Imun (Autoimuniti), Penyakit-Penyakit Yang Boleh Dicegah Melalui Imunisasi, Epidemiologi Molekul Penyakit Hepatitis B & C, Bioteknologi dan Merekabentuk Multimedia, Pembangunan Kit Diagnostik ELISA Typhoid
15.	PRABHA BALARAM	M.Sc. (New Delhi), Ph.D (Immunology)(New Delhi)	Immunology of Cancer and Infectious Diseases	Kanser dan Penyakit Berjangkit Yang Boleh Dicegah Melalui Sistem Imun
16.	RAHMAH BINTI NOORDIN	B.Sc., M.Sc. (Indiana), Ph.D (USM)	Medical Biotechnology, Medical Parasitology, Protein Analysis, Recombinant Protein Technology, Immunoproteomics, Molecular Diagnostics, Lateral flow Rapid Test Development and Validation	Bioteknologi Perubatan, Parasitologi Perubatan, Analisis Protein, Teknologi Protein Rekombinan, Immunoproteomik, Diagnostik Molekul, Pembangunan & Penilaian Ujian Pantas "Lateral Flow"
17.	ROCHMAN NAIM	DVM (Indonesia), Ph.D (Japan)	Microbiology, Cellular Microbiology, Bacterial Toxicology, Pathology	Mikrobiologi, Mikrobiologi Cellular, Toksin Bakteria, Patologi
18.	RUSLI BIN ISMAIL	B.Pharm. (USM), Pharm.D. (Minn)	Pharmacokinetics and Pharmacogenetics (The Study of Drug Metabolism)	Farmakokinetik dan Farmakogenetik (Kajian Metabolisme Drug)
19.	SASIDHARAN A/L SREENIVASAN	B.Sc. (USM), M.Sc. (USM), Ph.D (USM)	Microbiology, Pharmacology, Epidemiology, Toxicology	Mikrobiologi, Farmakologi, Epidemiologi, Toksinologi
20.	VENUGOPAL A/L BALAKRISHNAN	B.App.Sc. (USM), M.Sc. (USM), Ph.D (USM)	Cell & Molecular Biology, Protein-Protein Interaction Cytotoxicity	Biologi Sel & Molekul, Interaksi antara Protein, Sitotoksik