CURRICULUM VITAE

❖ PERSONAL DETAILS

Full Name	:	Umi Marshida Abd Hamid
Date of Birth	:	14 October 1980
Faculty	:	School of Biology, Faculty of Applied Sciences, Universiti Teknologi MARA (UiTM), 40450 Shah Alam, Selangor
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❖ ACADEMIC QUALIFICATIONS

1999-2003	BSc (Hons) Biochemistry, Universiti Malaya, Malaysia
2003-2009	DPhil (Glycobiology), University of Oxford, United Kingdom

❖ ACADEMIC POSITIONS/ TEACHING EXPERIENCE

2011-current	Senior Lecturer
2009-2011	Lecturer
Courses Taught	Proteomics (3 credits), Eukaryotic Cell Biology (4 credits), Topics in Biotechnology (2 credits)

❖ ADMINISTRATIVE POSITIONS

2013- current	Coordinator of Research Data, Research Management Centre (RMC) Institute of Research Management and Innovation (IRMI), UiTM

❖ PROFESSIONAL MEMBERSHIP

1. Associate Fellow, Academy of Sciences, Malaysia, 2017-2019
2. Member, Society for Glycobiology, 2015-present
3. Member, Malaysian Society for Molecular Biology and Biotechnology, 2015 (M2015009) -present
4. Member, Malaysian Society for Biochemistry and Molecular Biology, 2012-present.
5. Member, Malaysian Biosafety and Biosecurity Association, 2016- present.
6. Alumni, University of Oxford, 2009-present.

❖ LANGUAGE PROFICIENCY

Excellent command of both Bahasa Melayu and English

❖ RESEARCH FUNDING

EXTERNAL FUNDING (selected)

	Research Project	Role	Source & Total Funds	Duration
1	Characterisation of the surface layer glycoproteome of *Staphylococcus epidermidis* to understand their potential role in biofilm formation and antibiotic resistance	Principal researcher	FRGS RM63,000	2010-2013
2	Integral Polytopic Proteome of Surface Attached *Pseudomonas aeruginosa* Biofilm	Co-researcher	RAGS RM80,000	2012-2014
3	Exploring the potential role of glycoproteins in antibiotic resistant *Staphylococcus epidermidis*	Principal researcher	ERGS RM130,000	2013-2016
4	Gene Expression Profiles During Biofilm Formation In *Staphylococcus capitis*	Co-researcher	FRGS RM91,000	2013-2015
5	A Study On Inhibition Of Streptococcus Mutans Growth And Disruption Of Established Biofilm On Orthodontic Appliances Using Biosurfactan	Co-researcher	FRGS RM150,000	2014-2016
6	The Role Of Bpifb1 In The Snai1-Emt Pathway Of Gastric Cancer	Co-Researcher	FRGS RM135,000	2014-2016

INTERNAL FUNDING

	Research Project	Total Funds	Begin Year	End Year
1	Inhibitory Effects of *Chromolaena Odorata* on *P. aeruginosa* Biofilm (Co-researcher)	RM32,000	2012	2014
2	Isolation and Characterisation of Local Isolate Probiotic Bacteria from Breast-fed Newborn Babies and Infant Feces (Co-researcher)	RM32,000	2012	2014
3	Exploring the potential role of glycoproteins in antibiotic resistant *Staphylococcus epidermidis-Part 2* (Principal researcher)	RM60,000	2013	2015
4	Exploring the potential role of glycoproteins in antibiotic resistant *Staphylococcus epidermidis-Part 3* (Principal researcher)	RM60,000	2013	2015
5	Effects of *C. odorata* Extract On *P. aeruginosa* Biofilm Membrane Proteome	RM22,000	2014	2016

❖ PUBLICATIONS

1. Mohd Fakharul Zaman Bin Raja Yahya, **Umi Marshida Binti Abd Hamid**, Norfatimah Binti Mohamed Yunus, Roziah Binti Kambol. "In Silico Analysis Of Essential Tricarboxylic Acid Cycle Enzymes From Biofilm-forming Bacteria", Trends In Bionformatics, Science Alert. 2014. 7:(1).19-26.

2. M. F. Z. R. Yahya, M.S. A Ibrahim, W. M. A. W. M. Zawawi and **U.M. A. Hamid**. Biofilm killing effects of *Chromolaena odorata* extracts against *Pseudomonas aeruginosa.* Research Journal of Phytochemistry. 2014; 8(3). 64-73.

3. M. F. Z. R. Yahya, N. F. H. A. Saifuddin and **U. M. A. Hamid**.; *Zingiber officinale* Ethanolic Extract Inhibits Formation Of *Pseudomonas aeruginosa* Biofilm. International Journal of Pharmacy and Biological Sciences. 2013 Jan; 3(1): 46-54

4. Saldova R, Reuben JM, **Abd Hamid UM,** Rudd PM, Cristofanelli M. Levels of specific serum N-glycans identify breast cancer patients with higher circulating tumour cells. Annals of Oncology. 2011; 22 (15).1113-1119 (IF = 6.425)

5. Pierce A, Saldova R, **Abd Hamid UM**, Abrahams JL, McDermott EW, Evoy D, Duffy MJ, Rudd PM. Levels of Specific Glycans Significantly Distinguish Lymph Node-Positive from Lymph Node-Negative Breast Cancer Patients. Glycobiology. 2010 Oct; 20(10):1283-1288. (IF = 3.58)

6. **Abd Hamid UM**, Royle L, Saldova R, Radcliffe CM, Harvey DJ, Storr SJ, Pardo M, Antrobus R, Chapman CJ, Zitzmann N, Robertson JF, Dwek RA, Rudd PM. A strategy to reveal potential glycan markers from serum glycoproteins associated with breast cancer progression. Glycobiology. 2008 Dec; 18(12):1105-18.(IF = 3.58)

7. Arnold JN, Saldova R, **Hamid UM**, Rudd PM. Evaluation of the serum N-linked glycome for the diagnosis of cancer and chronic inflammation. Proteomics. 2008 Aug; 8(16):3284-93.(IF = 4.505)

8. Storr SJ, Royle L, Chapman CJ, **Hamid UM**, Robertson JF, Murray A, Dwek RA, Rudd PM. The O-linked glycosylation of secretory/shed MUC1 from an advanced breast cancer patient's serum. Glycobiology. 2008 Jun;18(6):456-62.(IF = 3.58)

9. Saldova R, Royle L, Radcliffe CM, **Abd Hamid UM**, Evans R, Arnold JN, Banks RE, Hutson R, Harvey DJ, Antrobus R, Petrescu SM, Dwek RA, Rudd PM. Ovarian cancer is associated with changes in glycosylation in both acute-phase proteins and IgG. Glycobiology. 2007 Dec; 17(12):1344-56.

10. Wopereis S, **Abd Hamid UM**, Critchley A, Royle L, Dwek RA, Morava E, Leroy JG, Wilcken B, Lagerwerf AJ, Huijben KM, Lefeber DJ, Rudd PM, Wevers RA. Abnormal glycosylation with hypersialylated O-glycans in patients with Sialuria. Biochim Biophys Acta. 2006 Jun; 1762(6):598-607.