



Curriculum Vitae

Name : Rozi Hanisa Musa

D.O.B : 13 August 1976

Age : 41 years old

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Academic Qualification

: Doctor of Philosophy (PhD)
Universiti Sains Malaysia (USM) – 2014

Master Sc (Transfusion Science)
Universiti Sains Malaysia (USM) – 2007

Bachelor Sc (Biomedical Sc) Hons
Universiti Putra Malaysia (UPM) – 1999

Working Experiences

April – September 1999 : **Chaudhury Medic Centre**

Medical Lab Technology (MLT)

Manage the lab including purchasing lab's equipments and consumables and run all the lab tests such as Biochemistry test, Full Blood Picture and etc

October 1999 – July 2001 : **Hospital Universiti Kebangsaan Malaysia (HUKM)**

Research Assistant (RA)

- Carry out research in GATA-1 and GATA-2 gene expression in Myelodysplastic Syndrome.
- Carry out research in Hydroxyurea in Thalassemia Patient.

August 2001 – present : **Pusat Darah Negara (PDN), Kuala Lumpur**

Scientific Officer (C48) – Head of Immunohematology Unit

- Responsible in management, administrative and

technical supervision of Immunohematology division

- Conducted the National External Quality Program in Blood Banking.
- Carry out the evaluation and validation of the new laboratory instruments and reagents/antisera
- Internal and external Auditor in Transfusion's field
- Trainer, facilitator and speaker for many Immunohematology Workshops in many Government as well as private hospitals/universities/institutions.
- Co-Supervisor for Master and PhD UITM students
- Coordinator and Lecturer for Master of Science (Transfusion Science), USM in TTS 506 Module (Management in Blood Transfusion Services) – 2016 - present
- Industrial Advisor for Universiti Kuala Lumpur (UNIKL- MESTECH) – academic session 2016 - 2018

Society

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- Technical Assessor for Jabatan Standard Malaysia in the field of Hematology and Transfusion for 15189:2014.
- Blood Transfusion Society of Malaysia –Life member
- Association of Scientific Officer, Ministry of Health (ASOMH), Malaysia – Life member
- Malaysian Association of Clinical Biochemist (MACB)
- Committee member for the National Transfusion

Conference 2005, 2007, 2009, 2011, 2013 and 2015

- Committee member for Association Scientific Conference, 2015 organised by Association of Scientific Officers, Ministry of Health (MOH)

Training

- 1) Workshop in Immunohematology – PDN
- 2) Scientific and Technical Course in Immunohematology – Bangkok, Thailand
- 3) WHO Inter-Regional Workshop on Quality System in blood Transfusion Laboratories and establishing regional external quality assessment schemes for transfusion laboratory practice (Blood Group Serology) - Bangkok, Thailand
- 4) Transfusion Science Course – Switzerland
- 5) Training in red cell genotyping – International Blood Group Reference Lab, Bristol United Kingdom
- 6) Training in internal and external auditors – PDN, NATA, DSM

Articles

- 1) Abstract with Poster presentation and presentation has been published.
Musa, R.H., Yahya, N.M., Hassan, A., Ayob, Y., Nik Ibrahim, N.P., Mangsor, M. & Muniandy, G. (2008) RH phenotype D-/D- among Bidayuh and Iban in Kuching and Serian Sarawak, Malaysia [Abstract]. Vox Sanguinis, 95, 195. Abstract P-368
- 2) First prize of Poster Presentation at 4th National Transfusion Conference, 20 – 22 November 2009.

- Rozi Hanisa M, Hasnah H, Suhair AA, Norhanim A., Rosalind C. (2009) Red Cell Phenotypes in National Blood Centre (NBC), Kuala Lumpur.
- 3) Musa, R.H., Abbas A.S., Hashim H, Ayob Y., Asidin N., Choo P.Y., Fawwaz S. (2012) Red Cell Phenotyping of Blood from donors at the National Blood Centre of Malaysia. Asian Journal of Transfusion, **6**:3-9
- 4) Abstract with Poster presentation and has been published in the Xth Malaysian National Haematology Scientific Meeting.
Rozi Hanisa Musa, Afifah Hassan, Yasmin Ayob, Narazah Mohd Yusoff. (2013) Molecular basis of Rh blood group system in Malaysian Blood Donors. [Abstract]. Abstract P-21
- 5) Abstract with Poster presentation has been published in the International Conference on Medical and Health Sciences (ICMH).
Rozi Hanisa Musa, Afifah Hassan, Yasmin Ayob, Narazah Mohd Yusoff. (2013) Molecular analysis of Rh D negative Blood Donors in Malaysia. [Abstract]. Abstract PM28
- 6) Abstract with Poster presentation and has been published.
Musa, R.H., Hassan A., Ayob, Y., Mohd Y.N. (2013) Rh genotypes among Malaysian population blood donors [Abstract]. Vox Sanguinis, 105, 200. Abstract P-392
- 7) Musa, R.H., Muhamad N.A., Hassan A, Ayob Y., Mohd Yusoff N. (2014) RH genotypes among Malaysian blood donors. Asian Biomedicine, **8**:1-6.
- 8) Musa, R.H., Muhamad N.A., Hassan A, Ayob Y., Mohd Yusoff N. (2015) Molecular basis of Rh blood group system in the Malaysian population. Asian Journal of Transfusion, **1**:48-54.

- 9) Joanna F. Flatt, Rozi H. Musa, Yasmin Ayob, Afifah Hassan, Norhanim Asidin, Nurul M. Yahya, Rosalind Mathlouthi, Nicole Thornton, David J. Anstee, Lesley J. Bruce (2012). Study of the D-- phenotype reveals erythrocyte membrane alterations in the absence of RHCE. British Journal of Haematology, **158**: 262–273.