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Academic Qualifications

Jan 2005 Ph.D. Microbiology, University Putra Malaysia
April 1990 M.Sc. Microbiology, University of Baghdad, Iraq
Jun 1984 B.Sc. Biology, University of Salah Addin, Iraq.

Working Experiences

2016 – 2023 College of Health and Medical Techniques, Middle Technical University,
03/2012 - 2015 Associate Professor DS54, Faculty of Nursing, International Islamic University Malaysia.
12/2008 – 02/2012 Assistant Professor DS52, Faculty of Nursing, International Islamic University Malaysia.
06/2005 - 11/2008 Assistant Professor DS45, Faculty of Nursing, International Islamic University Malaysia.
07/2006 – 07/2008 Cooperative Lecturer in Microbiology, Faculty of Allied Health and Faculty of Science, International Islamic University Malaysia.
09/1996 – 08/1999 Assistant Professor, Biology Department, Faculty of Science, University of Al-Gabal Al- Gharbi, Libya.
11/1991 – 08/1996 Lecturer, Biology Department, Faculty of Science, University of Al-Gabal Al-Gharbi, Libya.

Administrative Duties and Other Responsibilities

12/10/2022 to Date Scientific division officer, College of Health and Medical Techniques, Middle Technical University.
01/12/2011-07/2015 Head of Research, Kulliyyah of Nursing, International Islamic University Malaysia.
03/2006 – 07/2015 Coordinator of Research and Post Graduate, Faculty of Nursing, International Islamic University Malaysia.

07/2008	Acting Deputy Dean Academic Affairs, Faculty of Nursing, International Islamic University Malaysia.
12/2007	Acting Deputy Dean Academic Affairs, Faculty of Nursing, International Islamic University Malaysia.
10/2007	Acting Deputy Dean Academic Affairs, Faculty of Nursing, International Islamic University Malaysia.
12/1991 – 12/1992	Head of Biology Department, Faculty of Science, University of Al-Gabal Al-Gharbi, Libya.

Professional Membership

- Malaysian Society for Microbiology
- Malaysian Society for Molecular Biology & Biotechnology
- Arab Microbiology Union
- Iraqi Society of Microbiology
- Libyan Society of Microbiology

PROFESSIONAL POSITION

- Deputy Chairman International Health Conference IIUM (IHC2014), 3rd-4th December, 2014, Swiss Garden Hotel, Kuantan, Malaysia.
- Reviewer of 3rd Malaysian Postgraduate Conference (MPC 2013), 4th -5th July 2013, Sydney, New South Wales Australia.
- Reviewer of 1st Annual Worldwide Nursing Conference (WNC), 8th – 9th July 2013, Singapore.
- Independent Outside Invigilator, University of New Brunswick, Canada
- (Committee Member) Publication Approval Committee (PAC), International Islamic University Malaysia.
- Head of Publicity and Technical Committee of International Health Conference 2011, December 7-8, 2011, Vestana Hotel, Kuantan, Malaysia.
- Head of Committee for New Curriculum of Basic Medical Sciences 2010, Faculty of Nursing, International Islamic University Malaysia.
- Faculty Committee for New Curriculum 2008, Faculty of Nursing, International Islamic University Malaysia.
- Chairman, 1st Nursing Conference 10th - 11th October 2008, Kulliyah of Nursing, International Islamic University Malaysia.
- Faculty Committee for New Curriculum 2006, Faculty of Nursing, International Islamic University Malaysia.
- Faculty Committee for New Curriculum of Biology, Faculty of Sciences, University of Al-Gabal Al- Gharbi, LIBYA.
- Evaluator in the International Conference and Exposition of Inventions in Institutions of Higher Learning (PERCIPTA) 10th -12th August 2007.

- (Committee Member) Seminar on Enterostomal Therapy Nursing (Wound, Stoma & Incontinence) on 30th September- 1st October 2005 at Faculty of Nursing, International Islamic University Malaysia.

SUBJECT TAUGHT

Microbiology, Parasitology, Biochemistry, Biology, and Research Methodology

SUPERVISE POSTGRADUATE AND UNDERGRADUATE STUDENTS

(a) POSTGRADUATE LEVEL

- Kadum R. H. – Master student – co-supervisor, University Malaysia Pahang

(b) UNDERGRADUATE LEVEL

- 50 Final year project (University of Al-Gabal Al- Gharbi, Libya and International Islamic University Malaysia)

Awards / Achievement

- Bronze Medal in IRIIE 2013, International Islamic University Malaysia Research, Invention and Innovation 2013 for the invention titled “Knowledge, Attitude and Practice Related to Universal Precaution among IIUM Nursing and Medical Students”.
- Bronze Medal in IRIIE 2013, International Islamic University Malaysia Research, Invention and Innovation 2013 for the invention titled “Foodborne Disease: A Study On Knowledge And Attitude Among People Attending Three Selected Public Areas In Kuantan”.
- Bronze Medal in IRIIE 2012, International Islamic University Malaysia Research, Invention and Innovation 2012 for the invention titled “Postpartum Diet and Its Relation with Anemia”.
- Bronze Medal in IRIIE 2012, International Islamic University Malaysia Research, Invention and Innovation 2012 for the invention titled “Childhood Immunization and Factors Influenced View on Immunization In Maternal and Child Health Clinic of Beserah, Kuantan, Pahang”.
- Bronze Medal in IRIIE 2011, International Islamic University Malaysia Research, Invention and Innovation 2011 for the invention titled “Knowledge of Pelvic Floor

Muscle Exercise (Kegel Exercise) Among Women at Beserah Polyclinic and Jaya Gading Community Health Clinic”.

- Bronze Medal in IRIIE 2011, International Islamic University Malaysia Research, Invention and Innovation 2011 for the invention titled “A Study on the Use of Contraception and Its Effects on Breastfeeding among Women at Maternal and Child Health Clinic”.
- Bronze Medal, for the invention titled “Biosurfactant Production by *Pseudomonas aeruginosa* 181”, Research Management Center (RMC), University Putra Malaysia (UPM).
- Service Excellent Award, Faculty of Sciences, University of Al-Gabal Al- Gharbi, LIBYA.

Research Funding

- International Islamic University Malaysia grant “Postpartum diet and its relation with anemia”, EDW A 09-516, Project Leader.
- International Islamic University Malaysia grant “Smoking Behaviors among Adults and Factors that Influence to Initiate Smoking”, EDW A 09-520, Project Leader.
- International Islamic University Malaysia grant “The Knowledge to Pelvic Muscle Floor Exercise (Kegel Exercise) Among Women In Pahang”, EDW A 09-521, Project Leader.
- International Islamic University Malaysia grant “Childhood Immunization and Factors Influenced Positive View on Immunization”, EDW B 0905-586, Project Leader.
- International Islamic University Malaysia grant “The use of contraception and its effects towards breastfeeding among mother in Maternal and Child Health Clinics”, EDW B 0905-585, Co-Researcher.
- International Islamic University Malaysia grant “Hospitalization: Through the Children’s Eyes”, EDW A11 135-0926, Co-Researcher.
- International Islamic University Malaysia grant “Foodborne Disease: Assessment of Knowledge and Attitude among Community in Kuantan”, EDW B 12-300-0778, Project Leader.
- International Islamic University Malaysia grant “Knowledge, attitude and practice regarding nosocomial infection prevention and universal precaution among IIUM Nursing and Medical students”, EDW B 12-301-0779, Project Leader.

Contribution

- Advisory Board Members, Scientific Journals International, USA.
- (Committee Member) the Animal Ethics Policies Committee (AEPC), International Islamic University Malaysia.
- Malaysian Research and Education Networks (MYREN).
- Knowledge GRID Malaysia Community.

Workshops and Conferences

- 2014 Workshop on Quality Book Editing, 3rd April 2014, Research Management Centre, International Islamic University Malaysia.
- 2014 Workshop on Islamization and Integration of Knowledge (IWIN), 25th March 2014, Banquet Hall OCD, IMC, Kuantan, Research Management Centre, International Islamic University Malaysia.
- 2014 Workshop on Assessing Research Proposal Workshop, 24th March 2014, Banquet Hall OCD, IMC, Kuantan, Research Management Centre, International Islamic University Malaysia.
- 2014 Workshop on Malaysia Research Assessment Instrument (Myra®), 24th February 2014, Banquet Hall OCD, IMC, Kuantan, Research Management Centre, International Islamic University Malaysia
- 2014 Workshop on Research Management with HOR, 21st January 2014, Conference Room, Office of Deputy Rector (Students Affairs) Level 3, Gombak, International Islamic University Malaysia
- 2013 Workshop on IIUM Journal Publication, 19th November 2013, Research Management Centre, International Islamic University Malaysia.
- 2013 IIUM Thesis/Dissertation Manual Review Workshop, 9th May 2013, Research Management Centre, International Islamic University Malaysia.
- 2013 MCQs and MEQs workshop, 15th- 16th April 2013, Banquet Hall OCD, IMC, Kuantan, Kulliyah of Nursing, International Islamic University Malaysia.
- 2012 Managerial Skills Workshop for Academic Administrators, 27th – 30th November 2012, Dewan Zabedah, Tan Sri Azman Hashim Complex, International Islamic University Malaysia.
- 2012 Inculcation of Islamic Knowledge into Nursing Curriculum Workshop, 29th- 30th October 2012, De Rhu Beach Resort, Kuantan, Kulliyah of Nursing, International Islamic University Malaysia.

- 2012 1st Malaysian Proteomics Conference, 26th – 28th September 2012 (INFORMM), University Science Malaysia (USM), Penang.
- 2012 Proteomics Workshop, 24th – 25th September 2012 (INFORMM), University Science Malaysia (USM), Penang.
- 2010 Workshop on Curriculum Review Bachelor of Nursing (Hons), 15th- 16th November 2010, Grand Continental Hotel, Kuantan.
- 2010 Workshop on “How to Write Questions”, 20th September 2010, Kulliyah of Nursing, International Islamic University Malaysia.
- 2010 “How to Write an Award Winning Research Proposal” Workshop, 29th – 30th September 2010, Eatin Hotel, Petaling Jaya. Ministry of Higher Education.
- 2010 2nd International Doctoral Education Research Network’s Conference and Seminars for Postgraduate supervisors, 21st -23rd April 2010, University Putra Malaysia.
- 2009 Bioassay-Guided Isolation of Natural Products Workshop“ Bioautographic Screening and Isolation of Antimicrobial and Antioxidant Compounds”, 11th – 12th August 2009, Kulliyah of Pharmacy, International Islamic University Malaysia.
- 2009 A Workshop on Genomics and Bioinformatics for Microbiology Applications, July 1st – 2nd July 2009, Kulliyah of Medicine, International Islamic University Malaysia.
- 2009 Workshop on IIUM Thesis/Dissertation Manual, 7th - 8th July 2009, Center for Postgraduate Studies, International Islamic University Malaysia.
- 2009 “Malaysian Research and Education Network” Workshop, 3rd June 2009, Conference Room, Research Management Center, International Islamic University Malaysia.
- 2009 Competency Level Assessment (CLA 5), 27th – 30th April 2009, Center for Professional Development (CPD), International Islamic University Malaysia.
- 2009 1st Knowledge GRID Forum “GRID FOR ALL”, 18th – 19th March 2009, International Islamic University Malaysia.
- 2008 Competency Level Assessment (CLA 3), 1st – 4th December 2008, Center for Professional Development (CPD), International Islamic University Malaysia.
- 2008 “Total Patent- Ideal Workplace for Researchers” from LexisNexis Malaysia, Research Management Center, International Islamic University Malaysia.
- 2008 Train the Trainer LMS Training, 29th – 30th May 2008, Center for Professional Development (CPD), International Islamic University Malaysia.

- 2008 Research analysis using SPSS: Basic & Intermediate 15th – 16th May 2008, Center for Professional Development (CPD), International Islamic University Malaysia.
- 2008 Workshop on Supervision, 9th - 10th April 2008, Center for Postgraduate Studies, International Islamic University Malaysia.
- 2008 Training on Postgraduate Matters, 26th - 27th February 2008, Center for Postgraduate Studies, International Islamic University Malaysia.
- 2008 Experimental Design, 12th – 13th February 2008, Center for Professional Development (CPD), International Islamic University Malaysia.
- 2008 PCR workshop 8th-9th January 2008, Faculty of Medicine, International Islamic University Malaysia.
- 2006 Bioinformatics Workshop, 7th - 9th September 2006. Faculty of Biotechnology and Biomolecular Sciences, Universiti Putra Malaysia (UPM).
- 2006 IIUM SPSS Workshop for Medical Research, 2nd – 3rd February 2006, Faculty of Medicine, International Islamic University Malaysia.
- 2005 (Committee Member) Seminar on Enterostomal Therapy Nursing (Wound, Stoma & Incontinence) on 30th September – 1st October 2005 at Faculty of Nursing, International Islamic University Malaysia.
- 2003 Workshop on Nuclear Magnetic Resonance (NMR) Spectroscopy for Structural Elucidation of Organic and Natural Products, Laboratory of Phytomedicines, Institute of Biosciences(IBS), University Putra Malaysia (UPM).
- 2002 Workshop on Bioreactor Operation held at Fermentation Technology Unit, Enzyme and Microbial Technology Laboratory, Institute of Biosciences (IBS), University Putra Malaysia (UPM).
- 2001 Comprehensive Training of Basic and Principle of HPLC in Pharmaceutical Analysis held at SUCXeS laboratory, Medical Center, University Malaya (UM) Malaysia.

Published work

Laith, I. Y., and Siti Fauziah Abdullah, 2013. Survey on the Awareness of Viral Sexually Transmitted Diseases among Secondary School Students in Kuantan Pahang. Proceedings of USIM Annual Health Conference 2013 (AHC 2013), 5 - 6 October 2013 Hotel Istana, Kuala Lumpur, Malaysia.

Laith, I. Y., and Muhammad Hariz Mohd Sariman, 2013. Knowledge, Attitude and Practice Related To Universal Precaution Among IIUM Nursing and Medical Students. Proceedings of the International Journal of Arts & Sciences (IJAS) conference for

academic disciplines, 18-22 March 2013 UNLV Student Union, Las Vegas, Nevada, USA

Laith, I. Y., and Kadum, R. H. J., 2012. Surface active compound from Marine Microorganisms. *Environmental Engineering and Management Journal*. Vol,11.3, pp 190.

Laith, I. Y., Nur Syazana Binti Umar and Kamaruzaman Wan Su, 2011. Hand Washing Behavior among School Children in Sekolah Kebangsaan Sultan Abdullah, Kuantan, Pahang. *Proceedings of International Health Conference 2011*, December 7-8, 2011, Vestana Hotel, Kuantan, Malaysia.

Laith, I. Y., and Kamaruzaman Wan Su, 2011. Childhood Immunization and Factors Influenced View on Immunization in Maternal and Child Health Clinic Of Beserah, Kuantan, Pahang. *Proceedings of International Health Conference 2011*, December 7-8, 2011, Vestana Hotel, Kuantan, Malaysia.

Laith, I. Y., and Kamaruzaman Wan Su, 2011. A Study on the Use of Contraception and Its Effects on Breastfeeding among Women at Maternal and Child Health Clinic. *Proceedings of International Health Conference 2011*, December 7-8, 2011, Vestana Hotel, Kuantan, Malaysia.

Laith, I. Y., Kamaruzaman Wan Su, 2011. Knowledge of Pelvic Floor Muscle Exercise (Kegel Exercise) Among Women at Beserah Polyclinic and Jaya Gading Community Health Clinic. *Proceedings of International Health Conference 2011*, December 7-8, 2011, Vestana Hotel, Kuantan, Malaysia.

Laith, I. Y., Mona Mohd Rosli and Kamaruzaman Wan Su, 2011. Postpartum Diet and Its Relation with Anemia. *Proceedings of USM International Nursing Conference 2011*, June 14-15, 2011, Kota Bharu, Malaysia.

Laith, I. Y., and Kadum, R. H. J., 2011. Screening of Biosurfactants from Marine Microorganisms. *Proceedings of 2nd International Conference on Biotechnology Engineering, ICBioE'11* May 17-19, 2011, Kuala Lumpur, Malaysia.

Laith, I. Y., Nur Hidayah Mazlan and Kamaruzaman Wan Su, 2010. Factors Influencing in Smoking Initiation among Adults in Three Selected Areas in Kuantan. *Proceedings of 1st ANDI international Biohealth Science Conference (IBC2010)* 29th Nov – 1st Dec 2010, Bayview Beach Resort Penang, Malaysia.

Laith, I.Y., Raja Noor Zaliha Raja Abd. Rahman, Mahiran Basri and Abu Baker Salleh. 2008. The Effect of Nutritional factors on the Growth and Production of Biosurfactant by *Pseudomonas aeruginosa* (181), *ASM Science Journal*, Volume 2, 1:45-56

Laith, I.Y., and Aminatuzzahrah A. H. 2008. Perceptions on Male Nurse among Health Care Workers in Hospital Tengku Ampuan Afzan (HTAA). *Proceeding of 1st Nursing Conference 2008 (NC08)*. IIUM, Kuantan. Malaysia. 10th -11th October

Laith, I.Y., Raja Noor Zaliha Raja Abd. Rahman, Mahiran Basri and Abu Baker Salleh. 2008. Recovery of Biosurfactant by *Pseudomonas Aeruginosa* 181. *Proceeding of 4th*

USM Penang Life Sciences Postgraduate Conference. USM, Georgetown, Penang. Malaysia. 18-20 June.

Laith, I.Y., Raja Noor Zaliha Raja Abd. Rahman, Mahiran Basri and Abu Baker Salleh. 2007. The Effects of Culture Conditions on Biosurfactant Activity of *Pseudomonas aeruginosa* 181 using RSM. Journal of Medical and Biological Sciences Volume 1, Issue 1.

Laith, I.Y., Raja Noor Zaliha Raja Abd. Rahman, Mahiran Basri and Abu Baker Salleh. 2007. Optimization of Rhamnolipids Produced by *Pseudomonas aeruginosa* 181 Using RSM, Annals of Microbiology, Volume 57, 4:571-576.

Laith, I.Y., Raja Noor Zaliha Raja Abd. Rahman, Mahiran Basri and Abu Baker Salleh. 2007. Microbial Surfactant. Asia Pacific Journal of Molecular Biology & Microbiology, volume 15, 3: 99-105.

Laith, I.Y., Raja Noor Zaliha Raja Abd. Rahman, Mahiran Basri and Abu Baker Salleh. 2007. Rhamnolipid Characterization Produced by *Pseudomonas aeruginosa* 181. Proceeding of 9th Symposium of the Malaysian Society of Applied Biology. Bayview Hotel, Georgetown, Penang. Malaysia. 30 – 31 May.

Laith, I.Y., Raja Noor Zaliha Raja Abd. Rahman, Mahiran Basri and Abu Baker Salleh. 2006. Characterization of Biosurfactant Production by *Pseudomonas aeruginosa* 181 Using High-Performance Liquid Chromatography Methods. Proceeding of 1st International Egyptian-Jordanian Conference on Biotechnology and Sustainable Development: Current Status and Future Scenarios. National Research Center, Cairo, Egypt. 11- 14 December.

Laith, I.Y., Raja Noor Zaliha Raja Abd. Rahman, Mahiran Basri and Abu Baker Salleh. 2006. Response Surface Modeling and Optimization for the Production of Rhamnolipids by *Pseudomonas aeruginosa* 181. Proceeding of 'Trends in Biotechnology 3' Symposium. Marriott Hotel, Putrajaya and Universiti Putra Malaysia (UPM). 4 - 6 September.

Laith, I.Y., Raja Noor Zaliha Raja Abd. Rahman, Mahiran Basri and Abu Baker Salleh. 2005. Study on Interactive Effects of Biosurfactant Production by *Pseudomonas aeruginosa* 181 using Response Surface Methodology, Proceeding of 27th Malaysian Microbiology Society Symposium, Grand Plaza Parkroyal, Penang, 24 - 27 November.

Laith, I.Y., Raja Noor Zaliha Raja Abd. Rahman, Mahiran Basri and Abu Baker Salleh. 2003. Purification of Biosurfactants Production by *Pseudomonas aeruginosa* 181. Proceeding of 7th Malaysian Applied Biology Symposium. Mines Beach Resort & Spa, Seri Kembangan, Selangor, 3-4 June.

Laith, I.Y., Raja Noor Zaliha Raja Abd. Rahman, Mahiran Basri and Abu Baker Salleh. 2002. Physical factors Effecting on The Growth and Production of Biosurfactant by *Pseudomonas aeruginosa* (181). Proceeding of 25th Malaysian Microbiology Society Symposium and 5th Unesco National Workshop on The Promotion of Microbiology, Kota Bharu, Kelantan, 8-11 September.

Laith, I.Y., Raja Noor Zaliha Raja Abd. Rahman, Mahiran Basri and Abu Baker Salleh. 2001. The Effect of Different Nitrogen Sources on The Growth and Production of biosurfactant by *Pseudomonas aeruginosa* (181). Proceeding of 13th National Biotechnology Seminar, The Bayview Beach Resort, Penang, 10-13 November.

Laith, I.Y., Raja Noor Zaliha Raja Abd. Rahman, Mahiran Basri and Abu Baker Salleh. 2000. The Effect of Different Carbon Sources on The Growth and Production of Biosurfactant by *Pseudomonas aeruginosa* (181), Proceeding of 23rd Malaysian Microbiology Society Symposium, Aseania Resort Langkawi 19-21 November.

Laith, I.Y., Raja Noor Zaliha Raja Abd. Rahman, Mahiran Basri and Abu Baker Salleh. Biosurfactant. Journal of Malaysian Applied Biology (In Review).

Laith, I.Y. 2007. Guidelines for NUR 4224 Research Project (Thesis and Oral Presentation), Kulliyyah of Nursing, International Islamic University Malaysia.

References:

1. Assistant Professor Dr. Mayada Nori Aqbal
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Middle Technical University.
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2. Assoc. Professor Dr M. Muzaffar Ali Khan Khattak,
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