## **CURRICULUM VITAE**

|                | Personal Data   |                                    |  |  |  |  |
|----------------|---|------------------------------------|--|--|--|--|
| Full Name      | NAJAT JABBAR AHMED BERWARY  |                                    |  |  |  |  |
| Date of birth  | 04. 04. 1968  | 04. 04. 1968 Place of Birth Kirkuk |  |  |  |  |
| Home address   | Zanko, Erbil \ Kurdistan Region / Iraq                                    |                                    |  |  |  |  |
| Postal Address | Erbil Polytechnic University, Erbil Technical Health College, Erbil- Iraq |                                    |  |  |  |  |
| Tel. No.       | Mob. 00964 750 4944124  |                                    |  |  |  |  |
| E-mail:        | najat.barwari@epu.edu.iq, najat_mlt@yahoo.com                             |                                    |  |  |  |  |

| Academic Titles     |                    |  |  |
|---------------------|--------------------|--|--|
| Academic Titles     | Date of Attainment |  |  |
| Assistant Professor | 2018               |  |  |
| Lecturer            | 2014               |  |  |
| Ass. Lecturer       | 2007               |  |  |
| Reader              | 2003               |  |  |

| Languages | Read      |      |      | Write Speak |      | Speak |           |      |      |
|-----------|-----------|------|------|-------------|------|-------|-----------|------|------|
|           | Excellent | Good | Poor | Excellent   | Good | Poor  | Excellent | Good | Poor |
| Kurdish   | *         |      |      | *           |      |       | *         |      |      |
| Arabic    | *         |      |      | *           |      |       | *         |      |      |
| English   | *         |      |      |             | *    |       | *         |      |      |
| Turkish   |           | *    |      |             |      | *     |           |      | *    |
| Persian   |           |      | *    |             |      | *     |           |      | *    |

| Qualification (Education) |  |  |          |  |
|---------------------------|--|--|----------|--|
| From-To                   | Degree   | College \ University   | Country  |  |
| 2010-2014                 | Ph.D Bioscience Defecnce: 23/12/2013 Senate letter: 09/04/2014 | Universiti Teknologi Malaysia <b>Title of thesis :</b> VIRAL INFECTIONS, IMMUNOLOGICAL REACTIONS AND GENETIC FACTORS - | Malaysia |  |
|                           |  | DUCED TYPE 1 DIABETES MELLITUS IN ERBIL CITY   |          |  |

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| 2004-2006 | Master of Medical            | Foundation of Technical Education /      | Iraq |
|-----------|------------------------------|--|------|
|           | Laboratory Technology/       | College of Health and Medical Technology |      |
|           | clinical chemistry/          | -Baghdad <b>Title of thesis</b> :        |      |
|           | Defecnce: 21/11/2006         | OBESITY AND HYPERLIPIDEMIA AS A          |      |
|           | Senate letter: 14/03/2007    | POSSIBLE CAUSES OF INFERTILITY           |      |
|           |                              | AMONG WOMEN IN ERBIL                     |      |
|           |                              | GOVERNORATE                              |      |
| 2000-2003 | Bachelor of Medical          | Foundation of Technical Education /      | Iraq |
|           | Laboratory Technology        | College of Health and Medical Technology |      |
|           |                              | -Baghdad                                 |      |
| 1987-1989 | Technical Diploma of Medical | Foundation of Technical Education/       | Iraq |
|           | Laboratory Technology        | College of Health and Medical Technology |      |
|           |                              | -Baghdad                                 |      |

| Specialization |                               |  |  |
|----------------|-------------------------------|--|--|
| General:       | Medical Laboratory Technology |  |  |
| Specific:      | Bioscience/ Immunology        |  |  |

| Supervision of postgraduate students |   |   |  |  |
|--------------------------------------|---|---|--|--|
| Name of student                      | Degree / place  | Title   |  |  |
| Zaid Nabeel Elia                     | PhD in Med. Lab. Technology/<br>Immunology 2020   | HLA Profile for diagnosis and prognosis celiac disease severity in corresponding with other autoantibodies                                    |  |  |
| Arjeen Ali Abdullah                  | Master in Med. Lab. Technology<br>Hawer Technical Health College/<br>Erbil Polytechnic University<br>2019 -2020 | Estimation of Apolipoprotein E Genotypes and its Serum Concentration with Advanced Glycation End Products among Rheumatoid Arthritis Patients |  |  |
| Aras Othman Rasool                   | Near East University institute of<br>Health Sciences /Cyprus 2019 -2020   | Investigation of Cytomegalovirus Among Male Infertility Disorders   |  |  |
| Sanari Kamaran                       | Master in Med. Lab. Technology<br>Hawer Technical Health College/<br>Erbil Polytechnic University<br>2019 -2020 | Identifying the association of HLA- DRB1 and advanced glycation end – product with Asthma in Iraqi Kurdish population                         |  |  |
| Bestoon Salah Othman                 | Master in Med. Lab. Technology<br>Hawer Technical Health College/<br>Erbil Polytechnic University<br>2019 -2020 | Evaluation of anti-follicle stimulating hormone antibody and some other biochemical parameters in women with PCOS                             |  |  |
| Hmdad Mustafa Hamza                  | High diploma in Med. Lab. Techn. Hawer Technical Health College/ Erbil Polytechnic University 2018              | Probability of Using Advanced Glycation End products (AGEs) as a Biomarker for Myocardial infarction  |  |  |
| Adnan Zair Husean                    | High diploma in Med. Lab. Techn. Hawer Technical Health College/ Erbil Polytechnic University 2017 2019 -2020   | The Impacts of Smoking on IgE, Oxidative<br>Stress and Some Blood Components  |  |  |

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| Participation in Academic Discussion Committees |   |  |  |  |
|---|---|--|--|--|
| Name of student                                 | Degree / Place  | Title  |  |  |
| Avin A. Jalal                                   | PhD/ M.S / College of Dentistry/ Hawler Medical University                  | Effect of the systemic Admiration of Omega A3 Polyunsaturated Fatty Acid on experimental Periodontitis in Rats                                 |  |  |
| Fayan M. AbdulAllah                             | M.S /College of Medicine<br>/ Hawler Medical<br>University                  | Macrophage migration Inhibitory Factor and Some Immuno-Molecular Markers in Myocardial infarctions Patients                                    |  |  |
| Alia T. Abdulrahman                             | M.S /College of Medicine<br>/ Hawler Medical<br>University                  | Frequencies and Genotypes of Apo-lipoprotein E in Relation to Immunological Markers in Atherosclerosis Patients                                |  |  |
| Shokhan O. Mahmud                               | M.S /College of Pharmacy/<br>Hawler Medical University                      | Immunological and immunohistochemically Evaluation of Vitamin K on Wound Healing Process in Rat Skin Achieved by Commune Wound Dressing Agents |  |  |
| Dlzar S. Asaad                                  | High Diploma / Technical<br>Health College/ Erbil<br>Polytechnic University | Hypoglycemic and Hypolipidemic Potential of<br>Ginger-Thyme Component Extract in Sucrose<br>Induced Hypoglycemic Rats                          |  |  |

# **Scientific Positions**

Head of Department MLT department, Erbil Technical Health College, Erbil Polytechnic University Since 2019

Head of Scientific Upgrades Committee / Medical and Agricultural departments, Erbil Polytechnic University, since -2020.

Head of Scientific Affairs / Erbil Technical Health College, Erbil Polytechnic University, 2015-2018

Head of Department MLT department, Hawler Medical Institute, Erbil Polytechnic University 2008-2009.

Head of High exam committee / Erbil Technical Health College, Erbil Polytechnic University, 2016-2018.

Member of Upgrades Committee / Medical departments, Erbil Polytechnic University, since 2017-2020.

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| Publications   |   |   |
|--|---|---|
| Advanced Glycation End Products in Rheumatoid Arthritis Patients   | Biochem. Cell. Arch.  | Vol. 21, No. 1, Pp. 1895-1899, 2021         |
| Molecular Mechanism Underlying Histology,<br>Immunological And Biochemical Effects Of Caffeine<br>Against Cardiovascular Diseases In Depressive Rats –<br>Induced By Reserpine | Plant Archives  | Volume 20 No. 2,<br>2020 pp. 7465-<br>7477  |
| The Effects of Smoking on IgE, Oxidative Stress and Haemoglobin Concentration  | Asian Pacific Journal of Cancer Prevention                      | Vol 21<br>2020                              |
| Therapeutic Effect Of Silver Nanoparticles Against Diethyl<br>Nitrosamin And Carbon Tettrachloride-Induced<br>Hepatocellular Carcinoma In Rats                                 | International Journal of Pharmacy and Pharmaceutical Sciences   | Vol 12, Issue 9,<br>2020                    |
| Relation of Anti FSH Antibodies and Polycystic Ovarian Syndrome in Women   | Indian Journal of<br>Public Health<br>Research &<br>Development | January 2020, Vol.<br>11, No. 01            |
| Estimation of Anti-thyroglobulin and Anti-Thyroid peroxidase among thalassemia major patients  | Annals of Tropical<br>Medicine & Public<br>Health               | December 2019<br>Vol. 22 (12)               |
| Case study: Mistake Diagnosis of Thrombocytopenia  | Journal of Kirkuk<br>Medical College                            | Vol. 6, No. 1,<br>December 2018             |
| Prevalence of Urinary Tract Infection and Its effect on the immunological parameters among Erbilian Women  | Polytechnic Journal   | Vol.7 No.4<br>(December 2017):<br>Pp: 85-94 |
| Diagnostic Value of Thrombocytopenia in <i>Helicobacter</i> pylori Infection Among Pregnant and Non-pregnant  Women in Erbil City  | Polytechnic Journal   | Vol. 7 No. 3 (Aug<br>2017): Pp:12-16        |
| Effect of H. pylori and Cag-A on the infertility among males   | International Journal of Bioassays                              | 6.03 (2017): 5292-<br>5296                  |
| Viruses Induce Type 1 Diabetes Mellitus in the Presence of HLA-DR3, DR4 Genes.   | Middle-East Journal of Scientific Research                      | 18 (7): 916-925,<br>2013                    |
| The Mechanisms of Inhibition of Advanced Glycation<br>End Products Formation through Polyphenols in<br>Hyperglycemic Condition   | Planta Med  | ISSN 0032-0943                              |
| Immunity, Environmental and Genetic Factors Induced  | World Applied   | 23 (6): 771-781.                            |
| Type 1 Diabetes Mellitus.  Type 1 Diabetes Mellitus (T1DM): Induced by Environmental, genetic and immunity factors   | Sciences Journal Life Science Journal                           | 2013<br>10 (3). 2013                        |
| CRP as Risk Marker in Diabetic and Obese Women.  | Zanko, Erbil  | 21(4), 97-101.<br>2009                      |

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| Scientific Conferences   |      |                              |  |  |
|--|------|------------------------------|--|--|
| Conferences  | Year | Place                        |  |  |
| International Virtual Scientific Conference 2020                           |      | Online                       |  |  |
| "CORONAVIRUS PANDEMIC PRESENT AND  | 2020 | Erbil Polytechnic University |  |  |
| FUTURE"  |      | and Mosul University         |  |  |
| The Second Excellent Paper Symposium                                       | 2019 | Sulaymaniyah / Iraq          |  |  |
| International postgraduate conference on Engineering, Science & Humanities | 2013 | Johor Bahru, Malaysia        |  |  |
| International postgraduate conference on Biotechnology (IPCB)              | 2011 | Terengganu, Malaysia.        |  |  |
| International Conference on Higher Education in Kurdistan Region           | 2008 | Iraq –Erbil                  |  |  |

| Training Courses   |             |   |  |  |
|--|-------------|---|--|--|
| Courses  | Year        | Place   |  |  |
| Supertanker certification/ TVET Program, British council | 2017-2018   | Erbil, Beirut   |  |  |
| Education Methods  | 2007        | Foundation of Technical Education/<br>College of Health and Medical Technology –Erbil |  |  |
| Intensive English Course                                 | 2009 - 2010 | University Technology Malaysia (UTM), SPACE – Malaysia                                |  |  |
| Workshop Research Design Qualitative Research            | 2012        | University Technology Malaysia (UTM) – Malaysia                                       |  |  |
| Workshop of thesis and Paper Writing                     | 2013        | University Technology Malaysia (UTM) – Malaysia                                       |  |  |

### **Practical Experiences (Job Experience)**

- 1. Leader of Laboratory Team of Erbil International Hospital.
- 2. I have experience in private and government medical laboratory since 1990. I have my private Laboratory since 2021.
- 3. Member of the faculty at the Hawer Technical Health College, Erbil Polytechnic University. Erbil Kurdistan Region Iraq.

#### **Computer Skills**

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| Soft ware      | Excellent | Good | Fair | Nil |
|----------------|-----------|------|------|-----|
| MS Word        | *         |      |      |     |
| MS Power Point | *         |      |      |     |
| Internet using | *         |      |      |     |

### Other experiences

Faraway of Medical and academic field, I am professional in Martial arts. Professor of Kick boxing (Black belt 5<sup>th</sup> Dan) (WAKO), member in Iraqi National Olympic committee, Iraqi Kick boxing federation (IKF). Champion of Fung -Fu - 63.5 Kg and 67.5 Kg (Iraq, 1988-1990).

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