

# Curriculum Vitae

## (A) PERSONAL PARTICULARS

**Name: Rehab Shafiq Al Maliki**

**Date of birth: 06/06/1966**

**Place of birth: Baghdad, Iraq**

**Nationality: Iraqi**

**Gender: Female**

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**Address: 60 street, Al Khadymia, 10001, Baghdad, Iraq (Work)**

<b>(B) EDUCATION BACKGROUND</b>			
	<b>The certificate obtained</b>	<b>University awarding the certificate</b>	<b>Date of obtaining the certificate</b>
<b>1</b>	<b>Bachelor of Veterinary Medicine and General Surgery</b>	<b>College of Veterinary Medicine-University of Baghdad</b>	<b>1991</b>
<b>2</b>	<b>MSc in Medical Microbiology</b>	<b>College of Medicine-University of Baghdad</b>	<b>2005</b>
<b>3</b>	<b>PhD in Medical Microbiology /Subspeciality: Clinical Reproductive Immunology</b>	<b>College of Medicine, University of Kufa</b>	<b>2020</b>
<b>4</b>	<b>Diploma in Training of Trainer (TOT) Courses</b>	<b>The Iraqi Creative Syndicate, in cooperation with the International Training Center</b>	<b>2023</b>
	<b>Certificate in Hand on Training Course in ART and Advance Course In ICSI</b>	<b>Embryology Academy for Research and Training, India Embryology and PGD Academy ,UK</b>	<b>2022/Mumbai - India</b>

<b>C) WORKING EXPERIENCES</b>			
	<b>Function</b>	<b>Work place</b>	<b>Date</b>
<b>1</b>	<b>Regular resident veterinary physician</b>	<b>General Veterinary Hospital /Baghdad</b>	<b>1992-1993</b>
<b>2</b>	<b>Veterinary physician</b>	<b>Private Veterinary Clinic/ Baghdad</b>	<b>1994-1998</b>
<b>3</b>	<b>Veterinary physician and Trainer</b>	<b>High Institute for Infertility Diagnosis and ART</b>	<b>1999-2000</b>
<b>4</b>	<b>Trainer and researcher in an In Vitro Fertilization Lab. (IVF</b>	<b>High Institute for Infertility Diagnosis</b>	<b>1999-2004</b>

	<b>Unit)</b>	<b>and ART</b>	
٥	<b>Teaching Methods Course</b>	<b>With very good grade</b>	<b>٢٠٠٦</b>
٦	<b>Assistant Lecturer</b>	<b>High Institute for Infertility Diagnosis and ART</b>	<b>2006</b>
٧	<b>Lecturer</b>	<b>High Institute for Infertility Diagnosis and ART</b>	<b>8/1/2012</b>
8	<b>Assistant Professor</b>	<b>High Institute for Infertility Diagnosis and ART</b>	<b>7/1/2025</b>

## **Skills**

<b>1</b>	<b>Language</b>	<b>Arabic: Native Language English: Writing, Reading and Speaking</b>
<b>2</b>	<b>Computer</b>	<b>Proficiency in Windows and Microsoft Office programs, with proficiency in using the Internet</b>
<b>3</b>	<b>Lab. Techniques</b>	<b>1-ART techniques ( SFA &amp;c IVF&amp; ICSI and sperm preparation techniques) 2- Immunological and molecular lab techniques</b>

### **(D) PUBLISHED RESEARCHES**

	<b>Research title</b>	<b>Journal name</b>	<b>Date of publication</b>
<b>1</b>	<b><i>Effect of various level of fluoride intake on thyroid gland histology and sperm production</i></b>	<b>Annals of the College of Medicine Mosul</b>	<b>2000</b>
<b>2</b>	<b><i>Ovidactal flushing medium support, in vitro fertilization of mice :Experimental model for mammals</i></b>	<b>Annals of the College of Medicine Mosul</b>	<b>2001</b>
<b>3</b>	<b><i>Comparsion between bacterial vaginosis and candidiasis in relation</i></b>	<b>Iraqi Journal of Medical Sciences</b>	<b>2006</b>

	<i>to Estradiol level and vaginal pH in some infertile women</i>		
4	<i>Antifungal resistance of candida species isolated from Iraqi women infected with vulvovaginal candidiasis</i>	Al-Qadisiah Medical Journal	2011
5	<i>Effect of aqueous extract of turmeric on pathogenic bacteria isolated from semen in a sample of Iraqi infertile men</i>	Iraqi Journal of Medical Sciences	2012
6	<i>Correlation between obesity and semen interleukin-6 with sperm concentration and motility in Iraqi infertile men</i>	Iraqi Journal of Embryos and Infertility Researches	2014
7	<i>Seminal plasma IL-1<math>\beta</math> and IL-18 were independent on expression of their related genes in cellular components Iraqi infertile men</i>	Annals of Tropical Medicine & Public Health	2020
8	<i>NLRP3 inflammasome gene expression and activation in leukocytospermia and non-leukocytospermia in fertile Iraqi men</i>	International Medical Journal	2020
9	<i>Influence of Tumor Necrosis Factor – Alpha -308 gene Polymorphism and its Adverse Effects of Seminal Plasma concentration on sperms characteristics of infertile men</i>	Annals of Tropical Medicine & Public Health	2020
10	<i>Association of Toll-like receptors 4 (TLR-4) gene expression and polymorphisms in patients with severe asthma</i>	JOURNAL of MEDICINE and LIFE	2021
11	<i>Assessment of follicular fluid levels of PLGF and PLGF/sFlt on ICSI outcomes in polycystic ovary syndrome women</i>	Bulletin of National Institute of Health Sciences	2022
12	<i>Correlation Between In Vitro Preparation Techniques and</i>	An Interdisciplinary journal of	2022

	<i>Asthenozoospermic Semen with Bacteriospermia on Intra- Uterine Insemination Outcomes</i>	Neuroscience and Quantum Physics	
13	<i>Comparision if different of Hypo-Osmotic Swelling test subtypes in Asthenozoospermic and Normozoospermic infertile men</i>	Journal of Health and Social Sciences	2023
14	Effects of removing fragmentation at the day two and three of developed blastomer on embryo quality in ICSI cycles	Obstetrics and Gynaecology Form	2024
15	Elevated Seminal Plasma TLR-2 Levels are Associated with Leukocytospermia	Dubai Medical Journal	2024
16	A Significant Correlation of Glutamine and Interlukin-6 with Pregnancy Rate in Women Undergoing ICSI	SEEJPH	2024
17	COVID-19 vaccination doesn't influence sperm motility, concentration, and morphology	Journal of Associated Medical Sciences	2025
18	Elevated CD4, CD8 and pro-inflammatory cytokine levels and H19hypomethylation are associated with reduced sperm motility in oligoasthenoteratozoospermia: A case-control study	Dubai Medical Journal	2025
19	DNA Fragmentation and Vitamin K2 Levels in Sperm Maturation and Apoptosis	Indonesian Journal on Health Science and Medicine	2025

#### E – The Activities

1	Training course for using and application of ICSI	2015	Lecturer
2	Training course in title Leukocytospermia and Men Infertility	2023	Lecturer
3	Reviewer in Iraqi Journal of Medical Sciences/College of Medicine	2022-2024	Local Journal

4	Reviewer in Iraqi Journal of Embryos and infertility research	2021	Local Journal
5	Reviewer in Journal of Medicine and Life	2024	International Journal
6	Professional QUVAE member with a professional commitment to research advancement	2023	International Journal
7	Supervisor MSc and High Diploma students	2021-2024	
8	Member of the Master`s students discussion committee	2023	
9	Member of Scientific Committee in department of Applied Embryology /High Institute for Infertility Diagnosis and ART	2022-2024	
10	Member of the preparatory committee for the first specialized conference/ High Institute for Infertility Diagnosis and ART	٢٠١١	
11	Member of the preparatory committee for the fifth specialized conference/ High Institute for Infertility Diagnosis and ART	٢٠٢٢	
12	Lecturer of theoretical and practical in clinical reproductive immunology lectures for master`s and higher diploma students from 2005- 2025in the following subjects : General Embryology, ART and Experimental Embryology, Histology Reproduction , General Embryology , ART, Experimental Embryology ,Histology ,Teratology ( for MSc students) /Andrology and infertility for HD students		
13	Publication an article entitled “Anthrax Three Forms “	٢٠٠٨	Al-Sabah newspaper / Iraq
14	Publication an article entitled “The Use of Plam Pollen in Treating Infertility in Both male and female “	٢٠٠٩	Al- Amal Magazine / High Institute for Infertility Diagnosis and ART
15	Publication an article entitled ”Obesity and Infertility in men and women “	201٠	Al- Amal Magazine / High Institute for Infertility Diagnosis and

			ART
16	Attending conferences	2011-2022	14 Local conferences
17	Attending Training courses	2009-2022	25 Training courses
18	Attending workshops	2011-2022	15 workshops

<b>F – The TRAINING COURSE</b>			
1	TIPS FOR CITATION AND REFERENCING MANAGEMENT USING MENDELEY PRACTICAL COURSE -ONLINE	05/07/2021	High Institute for Infertility Diagnosis and ARTs -Al Nahrain University
2	IMPORTANT TYPES OF SARS COV2 VACCINES, MECHANISM OF ACTION, ADVANTAGE AND SIDE EFFECTS -ONLINE	18/05/2021	College of Pharmacy, University of Dhi Qar
3	ELISA TECHNOLOGY AND ITS APPLICATIONS IN MEDICAL AND RESEARCH LABS-ONLINE	05/03/2021	College of Science- University of Basra
4	ANTIBIOTIC RESISTANCE, CHALLENGES AND OPPORTUNITIES	09/01/2019	Faculty of Pharmacy - University of Kufa
5	OVULATION INDUCTION AND IVF PROTOCOL	07/04/2015	High Institute for Infertility Diagnosis and ARTs - Al Nahrain University
6	SEMEN ANALYSIS BETWEEN WHO1999 AND 2010	08/01/2014	High Institute for Infertility Diagnosis and ARTs - Al Nahrain University
7	NEW ASPECTS IN GENETIC DIAGNOSIS	25/03/2014	High Institute for

	IN HUMAN SPERMATOZOA		Infertility Diagnosis and ARTs - Al Nahrain University
8	ELISA AND IMMUNOFLUORESCENCE TECHNIQUE	15/04/2012	Biotechnology Department - College of Science -Al Nahrain University Website
9	DIAGNOSIS OF DNA FRAGMENTATION IN THE HUMAN SPERMATOZOA	07/03/2012	High Institute for Infertility Diagnosis and ARTs - Al Nahrain University
10	OOCYTE AND EMBRYO VITRIFICATION	29/03/2011	High Institute for Infertility Diagnosis and ARTs - Al Nahrain University
11	IMMUNOHISTOCHEMISTRY THEORETICAL & PRACTICAL	19/12/2010	Medical Research Unit-College of Medicine -Al Nahrain University
12	THE APPLICATION OF PCR TECHNIQUE IN MEDICAL BIOTECHNOOY	17/04/2009	Biotechnology Research Center- Al Nahrain University

**G – The WORK EXPERIENCE**

1	GENETIC LAB /DNA & MRNA EXTRACTION, PCR AND RT-PCR	10/08/2020	HIGH INSTITUTE FOR INFERTILITY
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			DIAGNOSIS AND ARTS -AL NAHRAIN UNIVERSITY
2	IMMUNOLOGICAL LAB ELISA, ICC, ENDTZ TEST AND ASA	07/05/2010	HIGH INSTITUTE FOR INFERTILITY DIAGNOSIS AND ARTS -AL NAHRAIN UNIVERSITY
3	ANDROLOGY LAB/ SFA, SPERM VIABILITY TESTS, SPA, SPERM ACTIVATION FOR IUI	12/11/1999	HIGH INSTITUTE FOR INFERTILITY DIAGNOSIS AND ARTS -AL NAHRAIN UNIVERSITY
4	MICROBIOLOGY LAB - SEMEN CULTURE AND SENSITIVITY TEST	15/06/2003	HIGH INSTITUTE FOR INFERTILITY DIAGNOSIS AND ARTS -AL NAHRAIN UNIVERSITY

#### **H – CONFERENCES AND SEMINARS**

1	1st International Online Conference on Medical Basic Science Research	30/03/2021	Held at University of Kufa/Faculty of Nursing/ Department of Basic Science on (Zoom)..
2	The Effectiveness of Scientific Research and Medical Education in Facing Challenges	13/03/2021	Third International (Virtual) Scientific Conference of

			Medical Science - Online
3	The 17th International College of Medicine Conference/ College of Medicine -University of Baghdad	28/11/2018 – 29/11/2018	
4	The International Conference About Role of Artificial Intelligence in Education and Pandemic Diseases Control (COVID-19) - Online	2019	ISOHE with Collaboration with International and Iraqi University