

# Curriculum Vitae (CV)

## Zjwan Housein

### Profile

**Name:** Zjwan Mohammed Ismail Housein  
**Surname:** Housein  
**Nationality:** Iraqi/Dutch  
**Date and place of Birth:** September 15, 1981-Erbil  
**Gender:** Female  
**Home Address:** Rasty-Erbil, Kurdistan, Iraq



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### Education

2017-2021

#### PhD in Molecular Physiology

- Salahadin University, Science Department, Erbil  
**Dissertation project:** *In Vitro anticancer activity of Hydrogen Sulfide and Nitric Oxide combined with nickel nanoparticle and Novel Mutations in their genes in Colorectal cancer patients*

2007-2010

#### Master in Biomedical science

Radboud University Nijmegen, the Netherlands & Imperial college of London, UK

- **Master Sub specialization (1) in Toxicology** at Centre for Pharmacology & Therapeutics, Imperial College London, UK
- **Master Sub specialization (2) in Human Pathobiology** at Division of Fertility, Department of Obstetrics and Gynecology, Nijmegen University Medical Centre, Netherlands.

2004-2007

#### Bachelor of Applied Sciences

Utrecht University of Applied Sciences

Majoring in: *Molecular biology*

2000-2004

#### Medical laboratory Technician

Vocational Education: ROC De Leijgraaf, Oss, the Netherlands,

Majoring in: Clinical Chemistry and Hematology

### Work Experience

2011-present

#### Teaching

**Lecturer** for undergraduate studies:

*Erbil technical health college, polytechnic University*

- Genetics and Molecular biology, 3<sup>rd</sup> Stage (2015-present)
- Endocrinology, 3<sup>rd</sup> Stage (2021- present)
- Hematology, 2<sup>nd</sup> stage (2022); **Knowledge University**
- Human Physiology 2<sup>nd</sup> stage (2021); **TISHK University**
- Human Anatomy & Physiology 2<sup>nd</sup> stage (2018-2019); **Knowledge University**
- Human biology, 1<sup>st</sup> Stage (2015-2016)
- Human Physiology, 2<sup>nd</sup> Stage (2013-2015), Shaqlawa Technical Institute
- Histology, 1<sup>st</sup> Stage (2012-2013), Shaqlawa Technical Institute
- Hematology, 2<sup>nd</sup> Stage (2013-2014), Shaqlawa Technical Institute
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2011-2014

#### Teaching & Management

2004-2009

### **Laboratory Technician**

Radboud University Nijmegen Medical Centre (academic hospital), The Netherlands

- Central Hematology Laboratory, cell morphology unit (leukemia), (2004-2006)
- Department of Clinical Chemistry (2007-2009)

### **Other Certificates**

- Teaching certificate from Foundation of technical Education/Erbil, 2012
- Lab animal course; The Netherlands-2009-Radboud University Nijmegen.
- Radiation hygiene; the Netherlands-2010-Radboud university Nijmegen

### **Additional skills**

#### Languages:

- Kurdish (mother tongue)
- English (Fluently), EILTS 6.5
- Dutch (Excelent)
- Arabic –basic

#### Microsoft office

- Word
- Excel
- Powerpoint

#### Data analysis

- SPSS
- GraphPad

### **Publications**

1. Danya Auni Kamal; Nabaz Faisal Shakir Agha; Zjwan Housein. "Upregulation of XRCC1 DNA repair gene, Interleukin-8, and Bcl-2 antiapoptotic gene levels in Kurdish patients with gastric adenocarcinoma". Archives of Razi Institute., 2022, -. doi: 10.22092/ari.2022.360240.2567 (**Accepted manuscript-scopus**)
2. Zjwan Housein, Goran Qader Othman, Hawro Dlawar Ismael, Beriwan Abdulqadir Ali. *The Prevalence and Relationship between Helicobacter pylori infection and Obesity in the Kurdish population.* **Polytechnic Journal.** 2022. 12(1): 16-20. DOI 10.25156/ptj.v12n1y2022.pp16-20
3. Parastoo Karami, Goran Othman, Zjwan Housein, Abbas Salihi, Mohammad Ali Hosseinpour Feizi, Hewa Jalal Azeez, Esmaeil Babaei. *Nanof ormulation of Polyphenol Curcumin Enhances Cisplatin-Induced Apoptosis in Drug-Resistant MDA-MB-231 Breast Cancer Cells.* *Molecules.* 2022; 27(9), 2917; **Impact factor journal (4.927)**
4. Salihi, Abbas et al. "Gasotransmitters in the tumor microenvironment: Impacts on cancer chemotherapy (Review)." *Molecular medicine reports* vol. 26,1 (2022): 233. doi:10.3892/mmr.2022.12749 ; **Impact factor journal (3.27)**
5. M-Amen, Karwan et al. "Cancer Incidence in the Kurdistan Region of Iraq: Results of a Seven-Year Cancer Registration in Erbil and Duhok Governorates." *Asian Pacific journal of cancer prevention : APJCP* vol. 23,2 601-615. 1 Feb. 2022, doi:10.31557/APJCP.2022.23.2.601 **Impact factor journal (1.77)**
6. Qader, Govand et al. "Cardiac, Hepatic and Renal Dysfunction and IL-18 Polymorphism in Breast, Colorectal, and Prostate Cancer Patients." *Asian Pacific journal of cancer prevention : APJCP* vol. 22,1 131-137. 1 Jan. 2021, doi:10.31557/APJCP.2021.22.1.131 **Impact factor journal (1.77)**
7. Housein, Zjwan et al. "In vitro anticancer activity of hydrogen sulfide and nitric oxide alongside nickel nanoparticle and novel mutations in their genes in CRC patients." *Scientific reports* vol. 11,1 2536. 28 Jan. 2021, doi:10.1038/s41598-021-82244-x; **Impact factor journal (4.996)**
8. Zjwan M.I.Housein, Goran Qader Othman, Twana AhmedMustafa. *The liver protective role of hawthorn (Crataegus sp.) in hypertriglyceridemic induced rats.* **Polytechnic Journal** 2017; 7(2): 111-118
9. Rahman S, Housein Z, Dabrowska A, Mayán MD, Boobis AR, Hajji N. *E2F1-mediated FOS induction in arsenic trioxide-induced cellular transformation: Effects of global H3K9 hypoacetylation and promoter-specific hyperacetylation in vitro.* *Environ Health Perspect.* 2015;123(5): 484–92. **Impact factor journal in 2015 (9.776)**
10. Marieke de Vries, Liliana Ramos, Zjwan Housein and Peter de Boer. *Chromatin remodelling initiation during human spermiogenesis.* *Biology Open.* 2012; 1: 446-257. **Impact factor journal in 2016 (3.481)**

