

# Neama Elsayed Abd El-maksoud Abd El-sameea

Lecturer of Medical Biochemistry & Molecular Biology Department

Faculty of Medicine, Benha University

## PERSONAL INFORMATION

Nationality	Egyptian
Date of Birth	3/3/1989
Marital Status	Married
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## QUALIFICATIONS

M.D. (Jan.2022)	<ul style="list-style-type: none"><li>M.D. in <b>Medical Biochemistry &amp; Molecular Biology</b>. Benha University, Faculty of Medicine.</li></ul> <p><b>Thesis:</b> Study of Adiponectin Promotor Methylation status in patients with Non Alcoholic Fatty Liver Disease.</p>
M.Sc. (Jan. 2018)	<ul style="list-style-type: none"><li>M.Sc. in <b>Medical Biochemistry &amp; Molecular Biology</b>. Benha University, Faculty of Medicine.</li></ul> <p><b>Thesis:</b> The effect of Telomerase inhibition on Alpha-Fetoprotein expression in Hepatocellular Carcinoma Cell line.</p>
M.B.B.Ch (Dec. 2012)	<ul style="list-style-type: none"><li>Excellent with honor. Benha University, Faculty of Medicine</li></ul>

## WORK EXPERIENCE

Jan. 2022 - Current	<ul style="list-style-type: none"><li>Lecturer in Medical Biochemistry &amp; Molecular Biology Department, Faculty of Medicine, Benha University, Egypt.</li><li>Assistant Lecturer in Medical Biochemistry &amp; Molecular</li></ul>
Jan. 2018	Biology Department, Faculty of Medicine, Benha University, Egypt.

- Sept. 2014 - Dec. 2017** • Demonstrator in Medical Biochemistry & Molecular Biology Department, Faculty of Medicine, Benha University, Egypt.
- March 2014 - Sept. 2014** • General Practitioner at Ministry of Health, Qalyubia, Egypt.
- March 2013 – Feb. 2014** • House Officer at Benha University Hospitals, Egypt .

## ACHIEVEMENT

## SCIENTIFIC ACTIVITIES

- **October 2014:** The training course for university administration (the project of training in information technology, Benha University).
- **January 2017:** Training course for Scientific publishing, Statistical Analysis Using SPSS, self-assessment and external audit, Benha University).
- **February 2017:** Training course for the mis Iv Bylaws and control Affairs (the project to develop the capacity of faculty members and leaders, Benha University).
- **2021:** Training course for **scientific** publishing, scientific research marketing, self-assessment and external audit, University Teacher Preparation, (FDTC) Fundamentals of Digital Transformation Certificate, Question banks, TOEFL in Benha University, Egypt.

## SKILL

- Good experience in Molecular Biology techniques
- Good experience in academia as Teaching, module coordination, Setting exams, correcting & reviewing student exam papers (أعمال الكنترول)
- Hardworking, keen to learn, participate and contribute to the research field of life sciences and regenerative medicine.
- Good in English.
- Well trained on presentation skills
- Good in computer skills.

## Seminars

Adiponectin Promotor Methylation status in patients with Non Alcoholic Fatty Liver Disease

## Researches & publication

- Adropin contributes to the nephro-protective effect of vitamin D in renal aging in a rat model via MAPK/HIF $\alpha$ /VEGF/eNOS mechanism

[The Journal of Nutritional Biochemistry](https://doi.org/10.1016/j.jnutbio.2025.109957) Volume 143, September 2025, 109957  
<https://doi.org/10.1016/j.jnutbio.2025.109957>

- Adiponectin Promotor Methylation status in patients with Non Alcoholic Fatty Liver Disease

[https://bjas.journals.ekb.eg/article\\_199032\\_2af04902cb0ad426712f396f61b1cf44.pdf](https://bjas.journals.ekb.eg/article_199032_2af04902cb0ad426712f396f61b1cf44.pdf)

- The effect of Telomerase inhibition on Alpha-Fetoprotein expression in Hepatocellular Carcinoma Cell line

[https://www.researchgate.net/publication/322386417\\_The\\_effect\\_of\\_Telomerase\\_inhibiti](https://www.researchgate.net/publication/322386417_The_effect_of_Telomerase_inhibiti)  
[on on Alpha-Fetoprotein expression in Hepatocellular Carcinoma Cell line](https://www.researchgate.net/publication/322386417_The_effect_of_Telomerase_inhibiti)

- Working in a team with academic colleagues on the following researches:
  - Protective effect of imeglimin on ulcerative colitis & ischemia reperfusion in rat model
- Working as supervisor on thieses:
  - Assessment of Serum Interleukin-36 alpha (IL-36 $\alpha$ ) Levels in Patients with Androgenetic Alopecia
  - MicroRNA-155 expression and Endothelial Nitric Oxide Synthase (eNOS)gene variants in Egyptian patients with preeclampsia

## Technique knowledge

- DNA, RNA extraction
- Bisulfite treatment
- SYBR Green Methylation specific PCR (qMSP)