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CURRICULUM VITAE

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| <u>Date of birth:</u> | 1/1/1988 |
| <u>Educations:</u> | <ul style="list-style-type: none"> ▪ I got a bachelor's degree in pharmaceutical sciences, Faculty of Pharmacy, Cairo University. ▪ I got a master's degree in pharmaceutical sciences (Biochemistry) in 2020, Faculty of Pharmacy, Cairo University. ▪ I got a PhD degree in pharmaceutical sciences (Biochemistry) in 2025, Faculty of Pharmacy, Cairo University. |
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| <u>h-index</u> | 1 |
| <u>Work:</u> | <ul style="list-style-type: none"> ▪ I worked as a delegated pharmacist at the Faculty of Pharmacy, Menoufia University, Biochemistry Department from 2020 up to now. <u>Participating in teaching the laboratory tutorials for three courses:</u> Clinical Biochemistry Biochemistry I Biochemistry II ▪ Previously, I worked as a pharmacist at the National Liver Institute, Menoufia University. |
| <u>Languages and Skills</u> | <ul style="list-style-type: none"> ▪ Arabic: mother tongue ▪ English: very good ▪ Computer skills: very good ▪ ICDL certificate |

**Research
Experience:**

- DNA extraction.
- Agarose gel electrophoresis
- RNA extraction & cDNA synthesis
- Conventional polymerase chain reaction (PCR)
- PCR - sequence-specific primers (PCR-SSP)
- Restriction fragment length polymorphism technique (RFLP)
- TaqMan genotyping human assays
- Quantitative Reverse Transcriptase PCR (qRT-PCR)
- Spectrophotometer
- Clinical Statistical Package for Social Science (SPSS version 19)

Publications:

- Motawi, T.K., Mady, A.E., Elhelbawy, M., Talaat, R.M., Shahin, N.N., 2024. Association of long noncoding RNA H19 rs2839698 C/T with hepatitis B virus infection and hepatocellular carcinoma risk. J. Biochem. Mol. Toxicol. 38, e23673. <https://doi.org/10.1002/jbt.23673>
- Talaat, R.M., Mady, A.E., Elhelbawy, M., Shahin, N.N., Motawi, T.K., 2023. Association of single nucleotide polymorphisms in non-coding RNAs (miRNA-100 and MALAT1) with susceptibility to hepatitis B virus infection. Int J Epigen 3, 4. <https://doi.org/10.3892/ije.2023.18>
- Motawi, T.K., Mady, A.E., Shaheen, S., Elshenawy, S.Z., Talaat, R.M., Rizk, S.M., 2019. Genetic variation in microRNA-100 (miR-100) rs1834306 T/C associated with Hepatitis B virus (HBV) infection: Correlation with expression level. Infect. Genet. Evol. 73, 444–449. <https://doi.org/10.1016/j.meegid.2019.06.009>

Conferences & Workshops:

- I attended the international conference 'National Liver Institute Collaboration Conference NLICC 2025' and participated with a poster, Menoufia University, 2025.
- I attended the international conference 'Pharmaceutical and Therapeutic Science PTS 2023' and participated with a poster, Menoufia University, 2023.
- I attended a workshop entitled ' Basic Technology in DNA Extraction and Conventional (PCR)', GEBRI, University of Sadat City, 2018.
- I attended a workshop entitled ' Detection and Statistical Analysis of Single Nucleotide Polymorphism (SNPs)', at GEBRI, University of Sadat City, 2015.
- I attended a workshop entitled ' Basic Concepts of Molecular Biology and PCR Techniques' at the Biotechnology Center for Services and Research, Cairo University, 2014.

Prizes:

I won the 2nd best scientific poster award presented at the international conference "National Liver Institute Collaboration Conference NLICC 2025" under the title of: Dysregulated non-coding RNAs H19 and microRNA-181a as diagnostic/prognostic biomarkers for hepatitis B virus-associated hepatocellular carcinoma