



# Ali Forat Abdulsattar

Name	Ali Forat Abdulsattar
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Born	26. Januar 1995

## Professional career

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| Feb 2018 – Oct 2018   | <p>Research Associate<br/>Kadir Has University Istanbul, Turkey</p> <ul style="list-style-type: none"> <li>Designed and drafted plans for developing new prescription antiviral medication currently under review by regulatory agencies.</li> <li>Designed vaccine epitopes and drugs using biotechnology software.</li> </ul>   |
| Jan 2019 – Mar 2019   | <p>Medical Sales Representative<br/>Fortex nutraceuticals Baghdad, Iraq</p> <ul style="list-style-type: none"> <li>Visited healthcare facilities in-person or spoke with doctors and nurses via telephone, providing information on new medications and medical devices</li> </ul>  |
| Oct 2022 – Mar 2023   | <p>Uni-medical Baghdad, Iraq<br/>Biomedical Engineer</p> <ul style="list-style-type: none"> <li>Customer Support &amp; Consulting</li> <li>Troubleshooting, diagnostics, on laboratory Systems.</li> <li>Carrying out repair and maintenance work</li> <li>Implementation of safety-related controls of laboratory Systems</li> <li>First test of new SW releases with application specialists</li> <li>Distribution of new SW releases to field service employees</li> <li>Active cooperation with colleagues from service, sales and Application</li> <li>Logistical support for consumables</li> </ul> |
| • Sep 2023- until now | Assistant lecturer at Al Farabi University College  |

Focus	laboratory Systems 1- Immunofluorescence machine IChroma I & IChroma II (semi-auto) Afias-6 & Afias-10 (full-auto) 2- chemistry machine ( Spectrophotometer) BA-88A (semi-auto) Full auto BS-120, BS-200, BS-230, BS-2403- Complete Blood Count machine 3-parts (BC-10, BC-30s, BC-3000 plus) 5-parts (BC-5000) 7-parts (BC-720) 4- Chemiluminescence machine CL-900, CL-1000,CL-1200
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## Education

Dec 2012- Feb 2017	Philadelphia University /Jordan Bachelor of Science in Biotechnology & Genetic Engineering
Sep 2020- May 2022	Altinbas University /Turkey Graduate with Master of Science in Biomedical Science
Other certificates	The integrity of the Arabic language Teaching methods The validity of teaching

## Expertise and skills

Publication	<ul style="list-style-type: none"> <li>• Joined International health science and life (IHSLC) congress as a presenter of (Determination of the molecular changes in liver tissue proteins and lipids due to prenatal alcohol consumption) on 11/3/2022.</li> </ul>
Research	<ul style="list-style-type: none"> <li>• Made a project on library management system. The name of my project was ASSOCIATION OF C1QB GENE POLYMORPHISM WITH SCHIZOPHRENIA. The aim of my study is evaluating the possible association of complement C1Q component gene variants with susceptibility to schizophrenia in Jordanian population focusing on C1QB. Many studies indicate the crucial role of altered functional activity C1QB protein in schizophrenia affected subjects.</li> <li>• Made a project name THE INVESTIGATION OF THE STRUCTURAL EFFECTS OF POST-NATAL ALCOHOL EXPOSURE ON MICE LIVER TISSUE BY FOURIER TRANSFORM INFRARED (FTIR) SPECTROSCOPY. The aim of this study is to determine the variations on liver biomolecules due to postnatal alcohol consumption in mice.</li> </ul>

specific knowledge	<ul style="list-style-type: none"> <li>◆ Molecular Biophysics</li> <li>◆ Biosensors</li> <li>◆ Vibrational spectroscopy in biomedical diagnosis and screening</li> <li>◆ Bioinformatics</li> </ul>
computer knowledge	<p>Microsoft Windows</p> <p>Python</p> <p>MS office 2021</p> <p>Molecular Dynamic Simulation</p> <p>BIOVIA discovery studio</p> <p>ZDOCK</p> <p>RDOCK</p> <p>Visual molecular dynamic</p> <p>AUTODOCK</p> <p>NCBI BLAST</p> <p>OPUS software</p> <p>GRAPHPAD prism 9 software</p>
Laboratory Machines	<ul style="list-style-type: none"> <li>◆ ATR-FTIR Spectroscopy</li> <li>◆ Real time PCR</li> <li>◆ gel electrophoresis</li> <li>◆ Centrifuge</li> </ul>
Languages	<p>English: Intermediate</p> <p>Arabic: Native</p>