CV



**A- Personal Information**

**Esmail Abdullhussein Alkhalili Bushra**

1966 Birth day--- 05/06/

1992The first date of work--- 05/05/

 07505701259Number phone--:

Email address

**bushrautm2014@gmail.com**

bushraabdulhussein258@gmail.com

**B- Scientific Qualifications**

**-- She holds Bachelor and Master's degrees from the biology department of Bagdad University / Iraq.**

**-- She obtained the Ph.D. degree in Bioscience Department / Faculty of Science/ University Technology Malaysia (UTM).**

**C- Scientific Area and Published Research**

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| Publication | Research Title | Research Field |
| Published in Book Publisher International: Current Strategies in Biotechnology and Bioresource Technology Vol. 1 / 20/3/2020 | Biodesulfurization of Sour Crude Oil: An Advanced Study | Current Biotechnology and biorefinery |
| Within the research plan of the Ministry of the Ministry of Science and Technology in 2020 | Characterization of Biological, Physical and Chemical Factors Affecting on Biodesulfurization of Iraqi Sour Crude Oil. | Crude oil biotechnology |
| Within the research plan of the Ministry of the Ministry of Science and Technology in 2019 | Desulfurization of Iraqi Sour Crude Oil by Selecting Sulfur Utilizing Bacteria | Crude oil biotechnology |
| Published in International conference on science , engineering and the social science ICSESS) / University Technology Malaysia / 2017  | Biocatalystic Desulfurization of Sour Crude Oil | Applied Biological Science in petroleum treatment |
| Published in Modern Applied Science; Vol. 11, No. 9; 2017 ISSN 1913-1844 E-ISSN 1913-1852 Published by Canadian Center of Science and Education/2017. | Biodesulfurization of Sour Crude Oil | Applied Biological Science in petroleum treatment |
| Participated in the first conference of the ministry science and technology on the role of science and technology in serving governorates and regions; Baghdad, Iraq / 2012 | Determination Pathogenic Bacteria in Water Using PCR Technique | Used modern approaches in biological fields |
| Participation in the conference (Clean Energy) / Poster Third Iraqi Energy Exhibition: Bagdad, Iraq/ 2012 | Removing Sulfur from Crude Oil by Bacteria | Renewable energy sources |
| Participated in the conference of Al-Mustansiriya University; Baghdad, Iraq / 2012 | Preparing an environmentally chemical compound to reduce the Nile herb. | Environment friendly treatments |
| Within the research plan of the Ministry of the Ministry of Science and Technology in 2011-2012. | Preparation of an Environmentally Friendly Material to Combat the Nile Herb in the Iraq Rivers. | Environmental studies |
| Participated in the International Conference on Iraq Oil Studies / University of Baghdad / College of Science / 2011 | Desulfurization of Crude Oil by Sulfur-Reducing Bacteria | Modern petroleum studies |
| Participated in the ninth scientific conference, University of Baghdad, Iraq / College of Science / 2009 | Biological of Sulfur Removal from Sour Crude Oil | Modern petroleum aspects |
| Within the research plan of the Ministry of the Ministry of Science and Technology in 2009 | Determination of the Activity and Stability of Protein Using Ultraviolet Spectra | Nanotechnology Studies |

**D- Professional Acknowledgement**

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| Year | Acknowledgement |
| 2020 | Participation Certificate / Evaluate teaching validity/ Ministry of Science and Technology / Teaching Methods and Examination Course.  |
| 2020 | Participation Certificate / The mechanism for publishing scientific research is professionally in Scopus journal / Ministry of Science and Technology / Iraq. |
| 2020 | Participation Certificate / Develop English language skills / speak English fluently BBC / Ministry of Science and Technology/ Iraq.  |
| 2019 | Participation Certificate / Developing the skill of researchers, third stage - latex program / Ministry of Science and Technology / Iraq. |
| 2019 | Participation Certificate / Researchers Skill Development, Third Stage - ENDNOTE Program / Ministry of Science and Technology / Iraq. |
| 2019 | Participation Certificate / Developing the skills of researchers, the first stage (intensive in English and research level) / Ministry of Science and Technology / Iraq. |
| 2019 | Participation Certificate / Entrepreneurship (leadership) / Al-Khwarizmi Center - Bright Future, University of Baghdad / Iraq. |
| 2019 | Participation Certificate /An advanced English course / Al-Khwarizmi Center - Bright Future, University of Baghdad / Iraq. |
| 2019 | Participation Certificate / Training and development center for writing references Mendeley Program and Latex Program / Al-Mustansiriya University/Iraq  |
| 2019 | Participation Certificate / Evaluate teaching validity/ Ministry of Science and Technology, Baghdad / Iraq. |
| 2019 | Participation Certificate / perfected Arabic language course / Ministry of Science and Technology, Baghdad / Iraq.. |
| 2019 | Participation Certificate / Teaching competency requirements for teaching course / Ministry of Science and Technology, Baghdad / Iraq. |
| 2017 | Global participation certificate: participated in the World Conference on Science, Engineering and Social Sciences / University of Technology Malaysia |
| 2016 | Appreciation Certificate: participated in the symposium / Ministry of Water Resources / Combating the Nile flower |
| 2014 | Appreciation Certificate: participated Center of the Malaysian Language / Academic Branch of the International Student Society Malaysian University of Technology UTM. |
| 2012 | Appreciation Certificate: Appreciation of efforts by Mr. Abdul Kareem Al-Samarrai for the participate in the first conference of the regions service and governorates (Ishtar Hotel in Baghdad) / Ministry of Science and Technology |
| 2012 | Appreciation Certificate: Appreciation of efforts to participate in the eighth scientific conference (preparing an environmentally safe chemical mixture to combat the Nile) / Al-Mustansiriya University,Iraq. |
| 2011 | Appreciation Certificate: Participated for the International Conference on Iraq Petroleum Studies / Ministry of Higher Education / University of Baghdad / College of Science, Iraq. |
| 2011 | Participation Certificate: PCR Technologies and Applications Course / Biotechnology Research Center / Al-Nahrain University, Iraq. |
| 2010 | Participation Certificate: Fundamentals of PCR Technologies and Applications / Biotechnology Research Center / Al-Nahrain University, Iraq. |
| 2007 | Participation Certificate: English language / advanced level / the Iraqi-American Chamber of Commerce and industry (IACCI) / Ministry of Science and Technology,Iraq. |
| 2008 | Participation Certificate: ICDL / Al-Duha International Computer Driving License |
| **Acknowledgement and appreciation** |
| 2019 | **Acknowledgement and appreciation;** Directorate of the popular crowd to train them on the visible spectrum and ultraviolet |
| 2009 | **Acknowledgement and appreciation;** Participation in hormonal and endocrine analyzes course (1st place holder) / Ministry of Science and Technology |
| 2009 | **Acknowledgement and appreciation;** Training the employees of the Petroleum Research Center on the applications of scientific devices / Ministry of Science and Technology |
| 2009 | **Acknowledgement and appreciation;** Giving a lecture about determining the efficacy and stability of protein using the UV technology / Ministry of Science and Technology |
| 2008 | **Acknowledgement and appreciation;** Giving a lecture on biotechnology in modern life aspects / Ministry of Science and Technology |
| 2007 | **Acknowledgement and appreciation;** Participation in the course of the infrared spectrum and atomic absorption in biological systems / Ministry of Science and Technology |
| 1993 | **Acknowledgement and appreciation;** appreciated efforts from the College of Medicine / University of Baghdad |
| 1992 | **Acknowledgement and appreciation;** Appreciated efforts from Anbar University / College of Science / Department of Life Sciences |

 **E- Training, Courses, Seminar related to Scientific, Administrative and Planning Fields**

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| Year | Place | Title |
| 2020 | The Ministry of Science and Technology | Evaluate teaching validity |
| 2020 | The Ministry of Science and Technology | The mechanism for publishing scientific research is professionally in Scopus journal |
| 2020 | The Ministry of Science and Technology | Develop English language skills / speak English fluently BBC  |
| 2019 | The Ministry of Science and Technology | Developing the skill of researchers, third stage - latex program |
| 2019 | The Ministry of Science and Technology | Researchers Skill Development, Third Stage - ENDNOTE Program |
| 2019 | The Ministry of Science and Technology |  Developing the skills of researchers, the first stage (intensive in English and research level) |
| 2019 | Al-Khwarizmi Center - Bright Future / University of Baghdad | An advanced English Course |
| 2019 | Al-Khwarizmi Center - Bright Future / University of Baghdad | Entrepreneurship (leadership) -workshop |
| 2019 | Training and development center for Al-Mustansiriya University/ Baghdad  | Writing references by Mendeley Program and Latex Program  |
| 2019 | The Ministry of Science and Technology | Evaluate teaching validity course |
| 2019 | The Ministry of Science and Technology | perfected Arabic language course |
| 2019 | The Ministry of Science and Technology | Teaching competency requirements for teaching course |
| 2014 | University of Technology Malaysia UTM / World Academic Center | Course in applications and skills / Academic Branch of the International Student Society, Malaysian Language. |
| 2012 - 2013 | Malaysia / Academic English Studies Center | English Language Course including Reading, Writing, Speaking and Listening.  |
| 2012 | Department of Biotechnology/ Baghdad university. | Bio-safety  |
| 2012 | Ministry of Science and Technology | Course in the extraction of DNA specifically |
|  2012 | University of Nahrain / College of Science / Iraq - Baghdad | Course in PCR polymerization technology  |
| 2011 | University of Nahrain / Center research / Iraq - Baghdad | Course in PCR polymerization technology from different sample. |
| 2011 | Baghdad University / Genetic Engineering | Course in the DNA extraction with different techniques and amplification by PCR technology.  |
| 2011 | Ministry of Science and Technology | (TOEFL –Training) English Course |
| 2010 | Ministry of Science and Technology | English language course / intermediate level |
| 2011 | University of Baghdad / Genetic Engineering | Extraction of DNA by Different Techniques and Amplification of the PCR |
| 2010 | University of Nahrain / College of Science Biotechnology / Research Baghdad, Iraq. | PCR technology principles and applications |
| 2010 | Ministry of Science and Technology | Internet Training / Advanced level |
| 2010 | Ministry of Science and Technology  |  EXCEL Program Training |
| 2009 | Ministry of Science and Technology  | First Aid and Emergency  |
| 2009 | Ministry of Science and Technology  | English language course / Advanced level |
| 2009 | Iraqi Ministry of Science and Technology / Baghdad | Multiple Techniques for Water Testing and Bacterial Diagnosis |
| 2009 | Ministry of Science and Technology | Identification of Organic Matter Using Ultraviolet Light |
| 2008 |  Ministry of Science and Technology | Biological Technology of Water Treatment |
| 2008 | Al-Duha Company | ICDL International Computer Driving License |
| 2008 | Ministry of Science and Technology | Endocrine Analysis |
| 2008 | Ministry of Science and Technology | Analysis of Radiation Immunotherapy |
| 2008 | Ministry of Science and Technology | Radiological immunoassays |
| 2008 | Ministry of Science and Technology | Endocrine hormones analyzes |
| 2008 | University of Baghdad / electronic computer center | Qualifying course for postgraduate students |
| 2008 | Ministry of Science and Technology | WINDOWS Program Training |
| 2007 | Ministry of Science and Technology | Pathological Analysis / advanced level |
| 2007 | Ministry of Science and Technology | Infrared Spectroscopy and Atomic Absorption in Biological Systems |
| 2007 | Ministry of Science and Technology | English / Advanced Level / Iraqi - US Chamber of Commerce |
| 2005 | University of Baghdad / Electronic Computing Center | Postgraduate Train for Computer Use |

Noted; **All information in the above CV is correct and we have the documents to prove it**