

Curriculum Vitae

Personal Information

Name: Ahmed Mutanabbi Abdula

Date & place of Birth: 14th of Aug. 1977 / Baghdad

Gender: Male

Marital Status: Married- Two Children

Nationality: Iraqi



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Chemistry Department, College of Science

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Education

Ph.D.; (Organic Chemistry; June 2009), University of Jordan, Jordan. Thesis titled: Design, Discovery and Synthesis of new β -D-Glucosidase and β -D-Galactosidase Inhibitors, Thesis Supervisors Professor Dr. Mutasem O. Taha and Professor Dr. Mohammad S. Mubarak.

M.Sc.; (Organic Chemistry; February 2002), Chemistry Department, Al-Mustansiriyah University, Iraq. Thesis titled: Synthesis of new compounds derived from Coumarin and Thymol. Thesis Supervisor Professor Dr. Redha I. Al-Bayati.

B.Sc. in Chemistry (July 1999), Chemistry Department, College of Science, Al-Mustansiriyah University, Iraq.

Research Interests

Discovery, design and synthesis of biologically active compounds.

Fellowship and awards

MIF *Postdoc* fellowship for six month, Nagoya City University, Graduat School of Pharm. Sciences, Synthetic Organic Lab., Nagoya, Japan, 23th April 2014 – 20th October 2014.

Iraqi / Jordanian academic cultural exchange, full *Ph.D* fellowship, University of Jordan, Jordan, 2005-2009.

Academic employments

October 2013 to present, working as *Assistant Professor* in the chemistry department at Al- Mustansiriyah University (Baghdad, Iraq).

April 2014- October 2014, Visiting Researcher, Postdoc Fellow, Synth. Org. chem. Lab., Graduate School of Pharm. Sciences. Nagoya City University, Nagoya, Japan.

May 2013 – April 2014, working as *Assistant Professor* in the chemistry department at Al- Mustansiriyah University (Baghdad, Iraq).

June, 2009–May 2013, working as a *Teacher* in the chemistry department at Al- Mustansiriyah University (Baghdad, Iraq).

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Working as a **Lecturer** for systematic identification of organic compounds and organic chemistry laboratories at Al-Mustansiriyah University (2002–2004).

Teaching experience

I have been in charge of teaching the following undergraduate and postgraduate courses at Al-Mustansiriyah University (Iraq) according to system of the credit hours.

Undergraduate courses: General Chemistry, Organic Chemistry, Stereochemistry, Spectroscopy, Heterocyclic chemistry and Practical organic chemistry courses for all levels.

Postgraduate courses: Advanced Organic Chemistry, Spectroscopy, and Stereochemistry.

Supervision

Undergraduate supervision:

2012 - Till now, (More than eight graduation Projects), Al-Mustansiriyah University, Iraq.

Master supervision:

2015 - 2017, Ahmed H. Ismail (supervision with Younis Baqi), Al-Mustansiriyah University, Iraq.

2016 - 2018, Ghosoun Laftaa Mohsen, Al-Mustansiriyah University, Iraq.

2017 - 2019, Saja Essa Abid, Al-Mustansiriyah University, Iraq.

2019-2021 Mohammed Ibrahim Sultan, , Al-Mustansiriyah University, Iraq.

Ph.D supervision:

2017 – 2019, Mohammed Hisham, (cosupervision with H. Mohammed), Al-Mustansiriyah University, Iraq.

2017 - 2020, Ban Hassn Albadry, (supervision with Dr. Mutafa Taha), Al-Mustansiriyah University, Iraq.

2019- 2021, Ammar Farman, (supervision with Younis Baqi), Al-Mustansiriyah University, Iraq.

2020-Till now Nihad Kallil (supervision with Younis Baqi), Al-Mustansiriyah University, Iraq.

Selected Thanks and appreciation

Thanks certificate from the President of Al-Mustansiriyah University awarded on 2021

Thanks certificate from the President of Al-Mustansiriyah University awarded on 2020

Thanks certificate from the President of Al-Mustansiriyah University awarded on 2019

Thanks certificate from the President of Al-Mustansiriyah University awarded on 2018

Thanks certificates (Two letters) from the President of Al-Mustansiriyah University awarded on 2017

Thanks certificates (Three letters) from the President of Al-Mustansiriyah University awarded on 2016

Thanks certificate from the President of Al-Mustansiriyah University awarded on 2015

Thanks certificate from the President of Al-Mustansiriyah University awarded on 2014.

Thanks certificate from the Minster of Higher Education and Scientific Research awarded on 2012.

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Thanks certificate from the President of Al-Mustansiriyah University awarded on 2012.

Thanks certificate from the Dean of College of Science/ Al-Mustansiriyah University awarded on 2012.

Thanks certificate from the President of Al-Mustansiriyah University awarded on 2011.

Thanks certificate from the the Dean of College of Science/ Al-Mustansiriyah University awarded on 2011.

Two letters of thanks and appreciation from the dean of college of science/ Al-Mustansiriyah University awarded on 2002 and 2004.

Computer Skills

IC³ certificate from **CETIPORT** on 7 February 2011.

Good knowledge of chemistry software.

Languages

Arabic (Mother Language)

English (Very Good)

References

Prof. Dr. Mohammad S. Mubarak

Prof. of Organic Chemistry & Electroanalytical Chemistry Chemistry

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Prof. Dr. Seiichi Nakamura

Prof. of Synthetic Organic Chemistry

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Selected Publications

Synthesis and in vitro assay of 1-[5-(4-chloro-phenyl)-[1,3,4]thiadiazol-2-yl] derivatives as new antimicrobial agents. N B Ayrim¹, A M Abdula¹, S M Baker¹, G L Mohsen¹ W F Rodhan, and A H Rasheed. *Journal of Physics: Conference Series*. 1853 (2021).doi:10.1088/1742-596/1853/1/012041.

Synthesis, characterization, and antimicrobial evaluation of new pyrazolines incorporating imine moiety. M I Sultan, A M Abdula , R I Faeq and M F Radi. *Journal of Physics: Conference Series* . 1853 (2021). doi:10.1088/1742-6596/1853/1/012043

New 3,5-disubstituted-4,5-dihydroisoxazole derivatives: Synthesis, antimicrobial, antioxidant and docking study against glucosamine-6-phosphate synthase. G L Mohsen¹, A M abdula¹, A M Jassim¹, W F Rodhan and N B Ayrim. *Journal of Physics: Conference Series*.1853 (2021). doi:10.1088/1742-6596/1853/1/012042

Synthesis, Characterization, Antimicrobial and Molecular Docking Study of Benzo-oxadiazole Derivatives. Amel M. Naji, Ahmed Mutanabbi Abdula, Olfat A. Nief, Ebtihal K. Abdullah. *Chemistry and Chemical Technology*. 2020. *Accepted manuscript*

Synthesis, Antimicrobial Evaluation and Docking Study of Novel 3,5- Disubstituted-2-Isioxazoline and 1,3,5-Trisubstituted-2-Pyrazoline Derivatives. Ahmed Hussein Ismail, Ahmed Mutanabbi Abdula, Ivan H.R. Tomi, Ali Hussein R. Al-Daraji and Younis Baqi. *Medicinal Chemistry* (2019)15:1. <https://doi.org/10.2174/1573406415666191107121757>

Synthesis, Antimicrobial, Antioxidant and Docking Study of Some Novel 3,5-Disubstituted-4,5-dihydro-1H-pyrazoles Incorporating Imine Moiety. Saja Essa Abid, Ahmed Mutanabbi Abdula, Mohammed F. Al Marjani, Qais M. Abdulhameed. *Egypt. J. Chem. Accepted, 2018, doi:10.21608/ejchem.2018.5804.1498*.

Synthesis, Antimicrobial, Antioxidant and Docking Study of Novel Isoxazoline Derivatives. Ghosoun Laftaa Mohsen, Ahmed Mutanabbi Abdula, Abdulkadir Mohammed Noori Jassim. *Acta Pharm. Sci.* 2018; 56 (3).

Comparative Study on Conventional and Ultrasound Irradiation Promoted Synthesis of 2,3-Disubstitutedquinoxaline Derivatives. Ghazwan Ali Salman, Hamid Mohammed, Ahmed Mutanabbi Abdula¹. *Al-Mustansiriyah Journal of Science* 2017; 28 (3).

1,3,5-Trisubstituted-1H-Pyrazole Derivatives as New Antimicrobial Agents: Synthesis, Characterization and Docking Study. Ismail AH, Abdula AM, Taha MM, Al-Bayati RI. *Int J Chem Sci.* 2017;15(2):126.

Synthesis, Antimicrobial and Docking Study of Three Novel 2,4,5- Triarylimidazole Derivatives. Ivan H. R. Tomi, Ali H. R. Al-Daraji, Ahmed Mutanabbi Abdula, Mohammed F. Al-Marjani. *Journal of Saudi Chemical Society*, 20,2016, s509-s516.

Docking study of some new 2, 5-Disubstituted-1, 3, 4-thiadiazole derivatives against glucosamine-6-phosphate synthase. Shaker Awad Abdul Hussein, Ammar Abdul Razzak M. Kubba, Ahmed Mutanabbi Abdula. *International Journal of Applied Chemistry, Volume 12, Number 1, 2016, pp. 1-10*.

Synthesis, characterization, antimicrobial evaluation and docking study of new chalcone derivatives containing 1, 3, 5-triazine-1, 3, 5-triyl moiety. Souad jabbar lafta, Hayder Jawad Abd and Ahmed Mutanabbi Abdula. *Int. J. Chem. Sci.: 14(1), 2016, 88-102*.

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Tryptophan and thiosemicarbazide derivatives: design, synthesis, and biological evaluation as potential β -d-galactosidase and β -d-glucosidase inhibitors. Reema Abu Khalaf, Ahmed Mutanabbi Abdula, Mohammad S. Mubarak and Mutasem O. Taha. ***Medicinal Chemistry Research June 2015, Volume 24, Issue 6, pp 2529 – 2550.***

Docking study of some n-[4-(4-arylidene)-2-(4-substituted-henyl)-5-oxo-4,5-dihydro-imidazol-1-yl]-benzenesulfonamide erivatives against glucosamine-6-phosphate synthase. Jaafar Sataar Shiaa, Redha Hussain Al-Bayati, Ahmed Mutanabbi Abdula and Kawkab y. Saourb. ***Int. J. Chem. Sci.: 13(4), 2015, 1982-1990.***

Synthesis of four chalcone derivatives bearing heterocylic moieties as new ache inhibitors by docking simulation. Omar J. Mohammed, Mahdi F. Radi, Ahmed Mutanabbi Abdula, Balqiz W. Al-Ahdamia, Wafaa F. Rodhan and Hanan g. Sha'aban. ***Int. j. Chem. Sci. 13(1), 2015, 157-166.***

Synthesis, characterization and antibacterial activity of (*E*)-chalcone derivatives. Ahmed Mutanabbi Abdula. ***European Journal of Chemistry, 4 (3) (2013) 207-210.***

Molecular Docking, Synthesis, In Vitro assay and Kinetic Study of (2*E*)-3-(Aryl)-1-(thiophen-2-yl)prop-2-en-1-one derivatives as New Scaffold of Acetylcholinesterase Inhibitors. Ahmed Mutanabbi Abdula, Balqiz W. Al-Ahdami, Wafaa F. Rodhan and Nisreen K. Abood. ***International journal of chemical sciences, 11(1), 2013, 639-648.***

Discovery of new β -D-glucosidase inhibitors via pharmacophore modeling and QSAR analysis followed by *In Silico* screening. R. Abu Khalaf, A. M. Abdula, M. S. Mubarak, M. O. Taha. ***Journal of the Molecular Modeling, 2011, 17(3), 443-464.***

Discovery of new β -D-galactosidase inhibitors via pharmacophore modeling and QSAR analysis followed by *In Silico* screening. A. M. Abdula, R. Abu Khalaf, M. S. Mubarak, M. O. Taha. ***Journal of Computational Chemistry 2011, 32(3), 463-482.***

Synthesis of new p-nitrosothymol derivatives. R. I. H. Al-Bayati, S. S. Al-Salih, A. M. Abdula. ***Journal of College of Education, 2007, No. 1, 14–19.***

Novel 2H-1-benzopyran-2- one derivatives as potential antimicrobial agents. R. I. H. Al-Bayati, S. S. Al-Salih, A. M. Abdula. ***Journal of College of Education, 2006, No. 3, 14–26.***

Preparation and study of new coumarin derivatives. R. I. H. Al-Bayati, S. S. Al-Salih, A. M. Abdula. ***Al-Mustansiriyah Journal of Science, 2006, Vol. 17, No. 3, 27–33.***

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السيرة الذاتية

الاسم : د. احمد متنبى عبدالله

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مكان العمل: الجامعة المستنصرية / كلية العلوم / قسم الكيمياء

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الشهادات:

- 1- الدكتوراه في الكيمياء العضوية الجامعة الاردنية كلية الدراسات العليا 2009
- 2- الماجستير الجامعة المستنصرية - كلية العلوم - قسم الكيمياء 2002
- 3- البكلوريوس الجامعة المستنصرية - كلية العلوم - قسم الكيمياء 1999