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**Personal Profile**

(Born in Basra, Iraq 1959)

**Education**

I received my B.Sc. in chemistry (1980) from Sulaimani University/ Iraq, MSc in applied organic chemistry from Jordan University of science and technology / Irbid Jordan 2002 and my Ph.D in organic chemistry 2012/ Babylon University Iraq (synthesis and structural assignment of some new drug indomethacin and pyrimidine derivative with biological activity study) under supervision of Professor Najim Al-masoudi.

During 2003- till now, I am a member of chemistry department of Babylon University as assistance lecturer, a lecturer, assistance professor at 2012.

His current research interests including synthesis of drug and developments, synthesis organic fluorescent compounds that has medical applications (early detection of different cancer).

**Teaching Experience**

2003- Present teaching undergraduate 2nd and 3rd class organic chemistry.

2013- Present teaching graduate student (master and Ph.D. degree) Advance organic chemistry.

supervised many graduate students MSc and Ph.D.

Member of the Committees discussion of the many graduate students.

**Publications & Conferences**

I have more than 26 papers in Iraqi journals and international journals registered in soups and Thomson Router.

Many international conferences in chemistry and related in Iraq/ Iran/ Jordan.

**Publications**

1. **Microwave-assisted synthesis and biological activity of ester, carbothioate**

**and carbohydrazide derivative compounds of the drug Ciprofloxacin.**

*Nadhir N. A. Jafar , Nadia Sadiq Majeed*

*Journal of Chemical and Pharmaceutical Sciences. 10 (1)* ***2017*** *Pp 515-521.*

1. **Criss-cross Cycloadditions on Ketazine Derived from Polyvinyl Ketone**

**Polymer.**

*Nadhir Najim A. Jafar , Nahlah Salman Saddam*

*Research Journal of Pharmaceutical, Biological and Chemical Sciences Vol 7(6) pp. 2263-2267* ***2016****.*

1. **Study the Effect Verifies of the Number of Moles of Acrylic Acid Monomer**

**On Swelling of the New Prepared Modified Co-Polymer.**

*Nadhir NA Jafar , and Rawaa Hufdi Zaooly*

*Research Journal of Pharmaceutical, Biological and Chemical Sciences. Vol.7 (5) pp.1425-1463.****2016***

1. **Microwave assisted synthesis of amide derivatives of the drug ciprofloxacin and screening the biological properties**

*Nadhir N. A.Jafar, Nadia SadiqMajeed*

*International Journal of ChemTech Research. Vol.9, No.07 pp 387-395.* ***2016***

1. **Exploration of the in vitro anti-HIV and cyclin-dependent kinase 2 (CDK2) inhibitory activities of new 6-arylpyrimidines and their nitroso analogues**

*Najim A. Al-Masoudi, Bahjat A. Saeed, Dawood S. Ali, Rita S. Alia, Nadhir N. A. Jafer and Christophe Pannecouque*

*Chemistry & Biology Interface, Vol. 6 (1), January – February* ***2016***

1. **Synthesis of new analogues of drug 'Monastrol' via Biginelli reaction.**

*Nadhir N. A. Jafar, Abbas Noor Mohammed and Ammar K. Madlool*

*RJPBCS* ***2015*** *6(5 ) 906-915****.***

1. **Synthesis of N-(4-Chlorophenyl)-2-methoxy-4-methylbenzamide**

**and Spectrofluorometric Study**

Abbas N. M. Al-Sharify, Nadhir N. A. Jafar, Ammar K. Madlool

Iraqi National Journal of Chemistry, **2014**, volume 56, 394-404

1. **Study The Anti-Inflammatory Effect of 1-(1-(4-Chlorobenzoyl)-6-Methoxy-2-Me-thyl-1H-indol-3-yl) Acetohydrazide on In Vitro Sperm Activation of Astheno-leuko-zoospermic Infertile Men.**

Nadhir Najim Abdulla jafar, AL-Harbi N, Hadwan MH

International journal of fertility & sterility 01/**2014**; 8

1. **Study The Anti-inflammatory Effect of 1- (1- (4-Chlorobenzoyl) -6 -methoxy-2-methy l-1H-indol -3-yl) butan -2 -one on Leukocytospermia.**

**Nadhir Najim Abdulla jafar**

**International journal of fertility & sterility 01/2014; 8**

1. Synthesis and biological activity of new derivatives of 6-chloro-5-((4- chlorophenyl) diazenyl) pyrimidine-2, 4-diamine and 4-chloro-6- methoxy-ty N-dimethylpyrimidin-2-amine

*Nadhir Najim abdullah Jafar a, Hussein Oleiwi Muttaleb Al-Dahmoshi b, Ayad Mohammed Jebur Almamoorib, Noor Salman Kadhim Al-Khafajii b and Najim Aboud Al-Masoudi*

*IOSR Journal of Pharmacy.4,1 (January* ***2014)****, Pp 26-36*

1. Antibacterial Activity of Novel Derivatives Compounds Containing 1,2,3-seleniadiazole Heterocyclic Ring Against Some Pathogenic Bactria

*Monia S. Alrubiay,, Lumia Ali Al-Hilli,* [*Nadhir N. A. Jafar,*](https://www.researchgate.net/researcher/85513540_Nadhir_Na_Jafar/) [*Sadiq J Baqir*](https://www.researchgate.net/researcher/85518143_Sadiq_J_Baqir/) *J. of. Babylon. Univ,2014, Vol.22, No7,*

1. Exploration of the in vitro antiviral activity of a series of new pyrimidine analogues on the replication of HIV and HCV.

[*Nadhir N. A. Jafar,*](https://www.researchgate.net/researcher/85513540_Nadhir_Na_Jafar/) [*Najim A Al-Masoudi,*](https://www.researchgate.net/researcher/39817474_Najim_A_Al-Masoudi/) [*Sadiq J Baqir,*](https://www.researchgate.net/researcher/85518143_Sadiq_J_Baqir/) [*Pieter Leyssen*](https://www.researchgate.net/researcher/39145365_Pieter_Leyssen/)[*,Christophe*](https://www.researchgate.net/researcher/15889619_Christophe_Pannecouque/)[*Pannecouque*](https://www.researchgate.net/researcher/15889619_Christophe_Pannecouque/)

[*Antiviral chemistry & chemotherapy*](https://www.researchgate.net/journal/2040-2066_Antiviral_chemistry_chemotherapy) *2013, 23,103-112*

1. Synthesis of New Polymers Containing 1,2,3-Thiadiazole and 1,2,3- Seleniadiazole Heterocyclic rings

*Nadhir N. A. Jafar, Sadiq J. Baqir, Lumia Ali Al-Hilli Iraqi J. of Polymers, 2012, Vol.16, No.2, 60-66*

1. Synthesis and anti-HIV Activity of New Benzimidazole, Benzothiazole and Carbohyrazide Derivatives of the anti-Inflammatory Drug Indomethacin

[*Najim A Al-Masoudi,*](https://www.researchgate.net/researcher/39817474_Najim_A_Al-Masoudi/) [*Nadhir N. A. Jafar,*](https://www.researchgate.net/researcher/2006828107_Nadhir_N_A_Jafar/) *Layla J. Abbas,* [*Sadiq J Baqir,*](https://www.researchgate.net/researcher/85518143_Sadiq_J_Baqir/)

[*Zeitschrift fur Naturforschung B*](https://www.researchgate.net/journal/0932-0776_Zeitschrift_fur_Naturforschung_B) *2011, 66b, 953-960*

1. Synthesis A New Compounds Containing 1,2,3-Seleniadiazole Heterocyclic Ring

[*Nadhir N. A. Jafar*](https://www.researchgate.net/researcher/2006828107_Nadhir_N_A_Jafar/)

*Journal Al-Qadisiah For pure Science 2008, vol, 13, No1, 352-363*

1. Synthesis, Characterization and Photocrosslinking of Negative Photoresist Polymers

*Nadhir. N.A.Jafar and Mousa Al-Smadi*

*National Journal of Chemistry, 2008, Vol 32, 648-665*

1. Synthesis and Characterization of 2-[(Carboxy-4-iodophenyl)azo]- 4,5-diphenyl imadiazole (CIPAI) and its Complex es with Cu2+, Ag+,

Zn2+, Cd2+ and Hg2+

*A.M. Ali,* [*Nadhir N. A. Jafar,*](https://www.researchgate.net/researcher/2006828107_Nadhir_N_A_Jafar/) *Samer Ratrout*

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