

# Assist. Prof. Dr. Mohammed Ayyed Najm (Ph.D.)



## Contact Information:

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- Google scholar: <https://scholar.google.com/citations?user=5hIPR64AAAAJ&hl=en>
- ResearchGate: <https://www.researchgate.net/profile/Mohammad-Ayyed-Najm>

## Education:

- **Ph.D.** in Genetic Engineering & Biotechnology / King's College of London & Baghdad University - 2015.
- **Master** Degree in Genetic Engineering & Biotechnology / Baghdad University - 2010.
- **Bachelor of Pharmacy** / Baghdad University - 2005.

## Academic Experiences:

- Assistant Professor (Ph.D.) at Ibn Sina University of Medical & Pharmaceutical Sciences (2023 – Present).
- Assistant Professor (Ph.D.) at Al-Rafidain University College / Pharmacy Department (2020 – 2023).
- Senior Lecturer (Ph.D.) at Al-Rafidain University College / Dentistry & Pharmacy Department (2015 – 2020).
- Lecturer Assistance at Al-Iraqia College of Medicine (2011-2013).
- Lecturer Assistance at Al-Anbar College of Medicine (2010-2011).
- Teaching Assistance at Baghdad College of Pharmacy (2006-2008).

## Teaching Subjects:

- Pharmaceutical Biotechnology – 5<sup>th</sup> Grade (Pharmacy Students).
- BioPharmaceutics – 4<sup>th</sup> Grade (Pharmacy Students).
- Public Health – 4<sup>th</sup> Grade (Pharmacy Students).
- Pharmacology – 4<sup>th</sup> Grade (Pharmacy Students).
- Pharmacology – 3<sup>rd</sup> Grade (Medicine, Dentistry & Pharmacy Students).
- Medical Biology – 1<sup>st</sup> Grade (Pharmacy Students).

## Publications:

1. **Photocatalytic Organic Contaminant Degradation of Green Synthesized ZrO<sub>2</sub> NPs and Their Antibacterial Activities.** Separation 2023, 10, 156. (**Scopus**)
2. **Nanotechnology at the molecular level.** AJMS, 2022;3:71-74. (**Scopus**)
3. **Does Brain or Renal Expression of KRAS be influenced by Silver-Nanoparticles?** AJSP, 2022, Special Edition.
4. **Genetic Diversity of three Medicinal Plants of Apiaceous Family.** Systematic Reviews in Pharmacy, 2020, 11(8), pp. 775–778. (**Scopus**)
5. **The Effect of Silver Nanoparticles on BRAF Gene Expression.** Systematic Reviews in Pharmacy, 2020, 11(10), pp. 570–575. (**Scopus**)
6. **Correlating Schizophrenia with DRD3 Ser9Gly or HTR2 Receptor Gene Variants by using RFLP Method.** Indian Journal of Forensic Medicine and Toxicology, 2020, 14(3), pp. 2038–2043. (**Scopus**)
7. **Detect the infection with Rubella Virus and Toxoplasmosis in pregnancy cases suffering from early abortion by using Real Time PCR.** Medico-Legal Update, 2020, 20(1), pp. 397–402. (**Scopus**)
8. **Association of Polymorphism of GST1 Gene and Antioxidant Status, and Interleukin-17 of Colorectal Cancer Iraqi Patients.** Indian Journal of Forensic Medicine and Toxicology, 2019, 13(4), pp. 536–540. (**Scopus**)
9. **Evaluation of antioxidant (GSH, CAT, SOD) and MDA in Iraqi Women with Breast Cancer.** Journal of Global Pharma Technology, 2019, 11(7), pp. 107–110. (**Scopus**)
10. **The Diagnostic and Prognostic Values of NCR1 and NCR3 Genes in Iraqi Breast Cancer Women.** / Iraqi Journal of Cancer and Medical Genetics, 2016.
11. **The Diagnostic and Prognostic Values of FOXP3 Gene in Iraqi Breast Cancer Women.** / Iraqi Journal of Cancer and Medical Genetics, 2016.
12. **The role of interleukin-10 in women with metastatic invasive ductal carcinoma.** / Journal of the Faculty of Medicine, 2011.
13. **The importance of CA15-3 in the follow up of Metastatic Invasive Ductal Carcinoma Iraqi Women.** / Iraqi Journal of Cancer and Medical Genetics, 2011.

# الأستاذ المساعد الدكتور محمد عايد نجم



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ResearchGate: <https://www.researchgate.net/profile/Mohammad-Ayyed-Najm>

## التحصيل الأكاديمي و الترقيات العلمية :

- أستاذ مساعد في التقنيات الإحيائية الصيدلانية في 2020
- مدرس في 2015
- دكتوراه هندسة وراثية و تقنيات إحيائية -- جامعة بغداد و الجامعة الملكية البريطانية (2015)
- ماجستير هندسة وراثية و تقنيات إحيائية -- جامعة بغداد (2010)
- بكالوريوس صيدلة -- جامعة بغداد (2005)

## الخبرات الأكاديمية :

- أستاذ مساعد في جامعة ابن سينا للعلوم الطبية و الصيدلانية - ( 2023 - إلى الآن )
- أستاذ مساعد في كلية أرفادين الجامعة - قسم الصيدلة ( 2023 - 2020 )
- مدرس في كلية أرفادين الجامعة - قسمي طب الأسنان و الصيدلة ( 2020 - 2015 )
- مدرس مساعد في كلية طب الجامعة العراقية - فرع الأدوية ( 2011 - 2013 )
- مدرس مساعد في كلية طب الأنبار - فرع الأدوية ( 2010 - 2011 )
- معيد في كلية بغداد للصيدلة الأهلية ( 2006 - 2008 )

## المواضيع التدريسية :

- التقنيات الإحيائية الصيدلانية - المرحلة الخامسة ( صيدلة ) .
- الصيدلة الإحيائية - المرحلة الرابعة ( صيدلة ) .
- الصحة العامة - المرحلة الرابعة ( صيدلة ) .
- الأدوية - المرحلة الرابعة ( صيدلة ) .
- الأدوية - المرحلة الثالثة ( طب , طب أسنان , صيدلة ) .
- الأحياء الطبية - المرحلة الأولى ( صيدلة ) .

## البحوث المنشورة :

1. Photocatalytic Organic Contaminant Degradation of Green Synthesized ZrO<sub>2</sub> NPs and Their Antibacterial Activities. Separation 2023, 10, 156. (Scopus)
2. Nanotechnology at the molecular level. AJMS, 2022;3:71-74. (Scopus)
3. Does Brain or Renal Expression of KRAS be influenced by Silver-Nanoparticles? AJSP, 2022, Special Edition.
4. Genetic Diversity of three Medicinal Plants of Apiaceous Family. Systematic Reviews in Pharmacy, 2020, 11(8), pp. 775-778. (Scopus)
5. The Effect of Silver Nanoparticles on BRAF Gene Expression. Systematic Reviews in Pharmacy, 2020, 11(10), pp. 570-575. (Scopus)
6. Correlating Schizophrenia with DRD3 Ser9Gly or HTR2 Receptor Gene Variants by using RFLP Method. Indian Journal of Forensic Medicine and Toxicology, 2020, 14(3), pp. 2038-2043. (Scopus)
7. Detect the infection with Rubella Virus and Toxoplasmosis in pregnancy cases suffering from early abortion by using Real Time PCR. Medico-Legal Update, 2020, 20(1), pp. 397-402. (Scopus)
8. Association of Polymorphism of GST1 Gene and Antioxidant Status, and Interleukin-17 of Colorectal Cancer Iraqi Patients. Indian Journal of Forensic Medicine and Toxicology, 2019, 13(4), pp. 536-540. (Scopus)
9. Evaluation of antioxidant (GSH, CAT, SOD) and MDA in Iraqi Women with Breast Cancer. Journal of Global Pharma Technology, 2019, 11(7), pp. 107-110. (Scopus)
10. The Diagnostic and Prognostic Values of NCR1 and NCR3 Genes in Iraqi Breast Cancer Women. / Iraqi Journal of Cancer and Medical Genetics, 2016.
11. The Diagnostic and Prognostic Values of FOXP3 Gene in Iraqi Breast Cancer Women. / Iraqi Journal of Cancer and Medical Genetics, 2016.
12. The role of interleukin-10 in women with metastatic invasive ductal carcinoma. / Journal of the Faculty of Medicine, 2011.
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