

Curriculum Vitae

Prof. Dr. Dalya Basil Hanna

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Google Scholar:

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PERSONAL SUMMARY:

- A Professional with 19 Years of Experience in Teaching Undergraduate and Postgraduate Students in the Department of Clinical Laboratory Sciences/ College of Pharmacy / Mustansiriyah University.

EDUCATION:

- 1- PhD in Microbiology /Al-Nahrain University / College of Medicine / Department of Microbiology (2015).
- 2- Master of Science (MSc) in Microbiology / University of Baghdad / College of Veterinary Medicine / Department of Microbiology (2000).
- 3- Bachelor's Degree in Medicine and Veterinary Surgery (BVM &S) / University of Baghdad / College of Veterinary Medicine (1997).

ACADEMIC HONORS AND AWARDS:

- ❖ 7 Thanks and Appreciation Letter from the Higher Education Minister.
- ❖ 15 Thanks and Appreciation Letters from Mustansiriyah University President.
- ❖ 15 Thanks and Appreciation Letters from the Dean of the College of Pharmacy/ Mustansiriyah University.
- ❖ 5 Thanks and Appreciation Letters from the Dean of the College of Medicine/ Al-Nahrain University.

ACADEMIC /TEACHING EXPERIENCE:

- 1- Assistant lecturer teaches practical **Biotechnology** for undergraduate students at fourth class at college of Pharmacy/ Mustansiriyah University. (2006-2009)
- 2- Lecturer teaches practical **Medical Microbiology** for undergraduate students at second class at college of Pharmacy/ Mustansiriyah University. (2009-2015)
- 3- Lecturer teaches practical **Pathophysiology** for undergraduate students at third class at college of Pharmacy/ Mustansiriyah University. (2013-2014)
- Assistant Professor teaches **Medical Parasitology and Virology** for undergraduate students at second class at college of Pharmacy/ Mustansiriyah University. (2015 until now)
- 2- Assistant Professor teaches **Pathophysiology** for undergraduate students at third class at college of Pharmacy/ Mustansiriyah University. (2015 until now)
- 3- Assistant Professor teaches **Anatomy** for undergraduate students at first class at college of Pharmacy /Mustansiriyah University. (2015 until now)

- 4- Assistant Professor teaches **Laboratory training for postgraduate students** at clinical laboratory department at college of Pharmacy/ Mustansiriyah University. (2015 until now)
- 5- Professor teaches **Medical Microbiology** for undergraduate students at second class at college of Pharmacy/ Mustansiriyah University. (2020 until now)
- 6- Professor teaches **Pathophysiology** for undergraduate students at third class at college of Pharmacy/ Mustansiriyah University. (2020 until now)
- 7- Professor teaches **Medical Microbiology and Molecular Biology for postgraduate students** at clinical laboratory department at college of Pharmacy/ Mustansiriyah University. (2020 until now)

COURSES TAUGHT:

Undergraduate	Postgraduate
Anatomy	Laboratory training for MSc
Medical Microbiology	Special Topics in Pharmacology for MSc
Medical Microbiology	Separation techniques for PhD
Pathophysiology	Medical Microbiology
Biotechnology	Molecular Biology

PROFESSIONAL AFFILIATIONS:

- Examination Committee Member at College of Pharmacy / Mustansiriyah University (2007-2008).
- Academic Advising Committee Member since 2013 until now.
- Continuous Learning Unit Director since 2016 - 2020.
- Responsible for Academic Advising Committee since 2016 until now.
- Head of Examination committee at College of Pharmacy / Mustansiriyah University (2021-2022).
- Head of Promotion committee at College of Pharmacy / Mustansiriyah University (2022-2025).
- Head of Clinical Laboratory Sciences Department at College of Pharmacy / Mustansiriyah University 2025).

PUBLICATIONS:

- ❖ Correlation Between *Chlamydia trachomatis* and Interferon Gamma (IFN-gamma) in Women with Spontaneous Abortion. Published in AJPS, 2008, Vol. 5, No. 1.
- ❖ The In Situ Hybridization Expression of Fas and Fas Ligand in Trophoblastic Tissue of Aborted Women Compared with Normal Pregnancy. Published in J Fac Med Baghdad, 2008, Vol. 51, No. 2.
- ❖ Association of Interlukin 6 with Positive Immunohistochemical Staining of Estrogen Receptor in Breast Cancer Patients. Published in AJPS, 2010, Vol. 7, No. 1.
- ❖ The Antibacterial Activity of Callemia Sinensis (Green Tea) on Some Bacterial Species. Published in AJPS, 2011, Vol. 10, No. 2.
- ❖ The Use of the Water Extract of Rosa Species Petals as a Bacterial Growth Medium. Published in AJPS, 2011, Vol. 10, No. 2.
- ❖ Molecular and Immunohistochemical Detection of JC Polyomavirus in Human Colorectal Polyps in sample of Iraqi Patients. Published in AJCMAS, 2015, Vol.4, No.2.
- ❖ Molecular and Immunohistochemical Detection of JC Polyomavirus in Human Colorectal Cancer in sample of Iraqi Patients. Published in IJSER, 2015, Vol. 6, No.1.

- ❖ Using of S100A9 as a Novel Biomarker for Early Detection of Colorectal Cancer, A Stool Based Study in Iraq. Published in IJSER, 2015, Vol. 4, No.10.
- ❖ PCR Detection of Herpes Simplex -2 Virus in Human Placenta in Patients with Spontaneous Abortion. Published in International Journal of ChemTech Research, 2017, Vol.10 No.3.
- ❖ Metformin attenuate fibrosis in both acute and chronic doxorubicin cardiotoxicity in rabbits. J. Pharm. Sci. & Res. Vol. 10(6), 2018.
- ❖ Antibacterial Activity of Commiphora molmol Extracts on Some Bacterial Species in Iraq. Sch. Acad. J. Pharm., 2016; 5(12): 406-412.
- ❖ Genotyping of Cryptosporidium Spp. Isolated from Human and Cattle in Baghdad Province, Iraq. Indian Journal of Natural Sciences. Vol.9 /Issue 51 / December / 2018.
- ❖ Effect of metformin on inflammatory markers involved in cardiotoxicity induced by doxorubicin. Research J. Pharm. and Tech. 12(12): December 2019.
- ❖ Detection of sexually transmitted pathogens Trichomonas vaginalis and Herpes simplex virus in women. Al Mustansiriyah Journal of Pharmaceutical Sciences, 2019, Vol. 19, No.4.
- ❖ EVALUATION OF ANTI-PROLIFERATIVE EFFECT OF SIMVASTATIN AND ATORVASTATIN ALONE AND IN COMBINATION WITH DOXORUBICIN ON MCF7 CELL LINE. Biochemical & Cellular Archives, 2019, Vol 19, Issue 1, p1025.
- ❖ Seroprevalence of Herpes Simplex Virus Type-1 IgG Antibody in Healthy Blood Donor from Baghdad, Iraq. J Pure Appl Microbiol, 13(2), 1017-1023 | June 2019.
- ❖ Cytomegalovirus Infection as Risk of Atherogenic Lipid Profile in Iraqi Aborted Women. Systematic Reviews in Pharmacy. 2020. 13(11).
- ❖ Detection of herpes-simplex virus-1 in some Iraqi patients with meningitis. International Medical Journal. 2020.25(12).
- ❖ Detection of Epstein–Barr Virus and JC Polyomavirus in Gastric Cancer Tissue by Quantitative Real Time PCR. Medico Legal Update. 2020. 20(4).
- ❖ Role of Oxidative Stress and Cytokines in Renal Ischemia Reperfusion Injury. Annals of Tropical Medicine & Public Health. 2020. 23(11).
- ❖ The Possible Role of Polyomavirus in Urothelial Cancer. Annals of Tropical Medicine & Public Health. 2020. 23(10).
- ❖ Molecular Detection of Epstein - Barr virus and Human Herpesvirus-6 in a Sample of Iraqi Patients with Acute Leukemia. INTERNATIONAL JOURNAL OF RESEARCH IN PHARMACEUTICAL SCIENCES. 2020. 11(2).
- ❖ Treatment Trends of Myocarditis with Coxsackievirus B3 infection. Al Mustansiriyah Journal of Pharmaceutical Sciences, 2020, Vol. 20, No.2.
- ❖ Phytochemical structure and Biological Effect of Ginkgo biloba leaves: A review. International Journal of Pharmaceutical Research. 2021. 13(2).
- ❖ SARS-CoV-2 and Biosafety in Laboratory. Iraqi Journal of Medical Sciences. 2021. 19(1).
- ❖ ASSOCIATION BETWEEN LEUKOCYTES COUNT AND THE SEVERITY OF COVID-19 INFECTION. Wiadomości Lekarskie, VOLUME LXXIV, ISSUE 10 PART 1, OCTOBER 2021.
- ❖ Phylogenetic and molecular evolutionary analysis of SENV DNA isolated from Iraqi Hepatitis Patients. Revistabionatura. 2021. 6(4).
- ❖ Antiproliferative activity of Brassica nigra seeds extract in liver tissue of mice exposed to phenobarbital. Al Mustansiriyah Journal of Pharmaceutical Sciences, 2022, Vol. 22, No.1.
- ❖ Effect of Brassica nigra seeds extract against hepatocellular proliferation induced by phenobarbital as tumor promoter agent. Archivos Venezolanos de Farmacología y Terapéutica. 2022. 41(7).
- ❖ Improving the Dissolution Rate and the Bioavailability of Favipiravir by Solid Dispersion with Curcumin. Lat. Am. J. Pharm. 42 (special issue): 68-76 (2023).
- ❖ The most common route of administration used during COVID-19. Al Mustansiriyah Journal of Pharmaceutical Sciences, 2023, Vol. 23, No.1.
- ❖ The possible techniques that used to improve the bioavailability, pharmacological activity, solubility and permeability of anti-viral drugs: Insight for COVID-19 antiviral drugs. Al Mustansiriyah Journal of Pharmaceutical Sciences, 2023, Vol. 23, No.3.
- ❖ Preparation and evaluation of azithromycin as rectal suppository to treat bacterial infection of COVID-19. Iraqi Journal of Pharmaceutical Sciences. 2023. 32(3).

- ❖ Evaluation of C-Reactive Protein, Interleukin-6, and Neutrophil-Lymphocyte Ratio as Inflammatory Markers in Patients with Chronic Bronchitis Taking Oral Prednisolone in Maysan City Population. Al Mustansiriyah Journal of Pharmaceutical Sciences, 2024, Vol. 24, No.2.
- ❖ Formulation of Cefdinir Ternary Solid Dispersion and Stability Study under Harsh Conditions. Al Mustansiriyah Journal of Pharmaceutical Sciences, 2025, Vol. 25, No.1.
- ❖ Solubility Enhancement of Cefdinir using different Pharmaceutical Approaches for Enhancement of the Drug Performance. Al Mustansiriyah Journal of Pharmaceutical Sciences, 2025, Vol. 34, No.1.
- ❖ Improving the antifungal activity of itraconazole by solid dispersion. Acta Pharm. Sci. 2025. 63(4).

PROFESSIONAL DEVELOPMENT

- ❖ IC3 Certificate in Computer Science
- ❖ Excellent computer skills
- ❖ Certificate of English Proficiency
- ❖ TOEFL Certificate
- ❖ IELTS Certificate
- ❖ Certificate in Teaching Methods
- ❖ Numerous certificates of participation and attendance at scientific conferences, seminars, and workshops in various colleges affiliated with Iraqi universities and universities outside Iraq