***Curriculum Vitae***

**Dr. Luma Ghaeb Hassoon Ghaeb Alsaadi**

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**Personal Summary:**

* Assistant Professor in the department of Biology/ college of Science / Mustansiriyah university
* Born in 1973
* Married with 3 children.
* The scientific title/Assistant Professor in Microbiology(molecular/medical virology)
* Years of service/ 17years
* Supervised the research of many undergraduate and postgraduate students.
* Authoring and publishing a book in global publishing house.
* Participated in a number of scientific sessions, workshops, local & international educational conferences and seminars.

**Education:**

* Ph.D. #1: in Microbiology(Molecular virology) from department of Biology/Al mustansiriya university
* M.Sc. #2: in Micobiology / department of Biology/Al mustansiriya university
* B.Sc. #3: in Micobiology / department of Biology/Al mustansiriya university

**ACADEMIC HONORS AND AWARDS:**

50 books of thanks

**ACADEMIC /TEACHING EXPERIENCE:**

Teaching many subjects include( diversity and evolution, Microbiology, Microbial physiology, Soil & Water Microbiology, medical virology, molecular and genetic engineering ) in the department of Biology/ Mustansiryah university

**COURSES TAUGHT:**

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| **Undergraduate** | **Graduate** |
| Diversity and Evolution  Microbiology  Bacterial physiology  Medical virology  Soil & Water Microbiology  Molecular  Genetic engineering | Research Methodology(MSc)  Advanced Virology(Ph.D.) |

**PROFESSIONAL AFFILIATIONS:**

* Former committee member of Occupational Safty Committee, Examination committee for undergraduate and Exam grades audit committee, Examination committee for postgraduate and Postgraduate courses committee.
* Currently committee member of performance evaluation Committee and Scientific Committee.
* Six -months scholarship to fulfill Ph.D. research at Kings College London in UK.

**PUPLICATIONS:**

1. Record many sequences of Cytomegalovirus and sequences of Torque Teno Virus at the National Center for Biotechnology Information(NCBI)
2. Partial Purification and Characterization of Lipase produced by Aeromonas hydrophila Isolated from Fecal of Patients Suffering from Diarrhea. (2012)( Journal of Education\Mustansiriyah University) ا
3. The Effect of Garlic Extract on some Factors of Proteus mirabilis.(2010).(Al- mustansiryah Journal of Science)
4. Effect of Laser on phagocytic Activity of polymorphoneutrophils.(2009)(Journal of the faculity of medicine/Baghdad university)
5. The Role of serum IL-6 on Colorectal Cancer Patiants and its Relationship with GEA level. (2009)(Journal of the faculity of medicine/Baghdad university)
6. Novel emergency of mutant ul97 resistance gene among HCMV obtained from first trimester pregnant women in Iraq.(2016)( International Journal of Advanced Research in Biological Sciences)
7. Detection of human cytomegalovirus pp65 after gene fragmentation by nested PCR.(2016)( WORLD JOURNAL OF PHARMACEUTICAL SCIENCES)
8. Book with tittle (Molecular study on human cytomegalovirus in pregnant and aborted women).(2016)( LAMBERT Academic Publication)
9. Screening, nutritional optimization and purification for phytase produced by
10. Enterobacter aerogenes and its role in enhancement of hydrocarbons degradation
11. and biofilm inhibition(2017) (Microbial Pathogenesis).
12. Antibacterial activity of a novel characterized and purified bacteriocin extracted from Bifidobacterium adolescentis.(2018)( Reviews in Medical Microbiology)
13. Exopolysaccharide as antiviral, antimicrobial and as immunostimulants: A review.(2020)(Plant Archives)
14. Antibacterial Activity of a novel Lectin produced by bee honey Bifidobacterium adolescentis against Multidrug Resistant Salmonella typhi.(2019)( Journal of Pharmaceutical Sciences and Research)
15. Epidemiology and molecular characterization of seasonal influenza viruses in Iraq(2021)( Archives of Razi Institute)
16. Anticariogenic and antibiofilm of purified bacteriocin of Lactobacillus curvatus and immunomodulatory effect of L. curvatus in streptococcal bacteremia.(2019)( Reviews and Research in Medical Microbiology).
17. Pro-and anti-inflammatory Cytokines in Coronavirus Disease 2019.(2020)( Medico-legal Update)
18. Prevalence of cholelithiasis in iraqi patients with hepatitis b infection(2018)( Pakistan Journal of Biotechnology)
19. Human Metapneumovirus in Patients with Respiratory Infection Negative for Influenza Virus (H1N1, H3N2, Influenza B)(2019)( Indian Journal of Public Health)
20. Role of Biofilm in Reinfection in Catheter-associated Urinary Tract Infection in Iraqi Women.(2019)( J. Glob. Pharma Technol)
21. Comparative study of IL-26 as a biomarker among patients with chronic HBV and HCV.(2023)

**PROFFESSIONAL DEVELOPMENT**

* Participated in a number of scientific sessions in the department of Biology / Al-mustansiryah University and other universities.
* Participated in a number of local and international workshops and educational conferences and seminars at Mustansiriyah University and other universities.
* Giving many lectures at the college of science & hematology center in Mustansiriyah University and at college of Dentistry in Baghdad University.

1-Specialized primer design session in the department of Biology / Al-mustansiryah university(10/3/2014)

2. Scientific session for sequence data analysis( scientific office from 21-23/4/2016).

3. Participation in educational workshop specific for Diabetic (18/2/2015).

4. Attended the third conference and workshop of Al-kindy college of medicine(2-3/3/2016

5. Participation in training for NCBI submission in gene bank in scientific office from 21-22-8-2016.

6. Participation a course in modern applications in health and laboratory safety from 29-30/3/2017.

7. Certificate of appreciation for my participation in the workshop equipment and biological risk management.

8. Certificate of appreciation for my lecture on the Influenza virus Control Program in Iraq in 8/5/2017, in college of science/ Mustansiriyah University, national center of heamatology/ Mustansiriyah University and college of Dentistry/Baghdad University

9. Certificate of appreciation for my lecture in the workshop on the PCR technique and the automated method by cephed in 18/4/ 2018, in the national center of heamatology/ Mustansiriyah University.

10. Certificate of appreciation for my lecture in the workshop on the Bio polymers and their Applications in 2/5/2023 in college of science/ Mustansiriyah University.